

Section 4 - Bidding Forms

This Section contains the forms which are to be completed by the Bidder and submitted as part of his Bid.

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Letter of Bid

Date:

ICB No.:

Invitation for Bid No.:

To:

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (ITB) 8;
- (b) We offer to design, manufacture, test, deliver, install, precommission and commission in conformity with the Bidding Document the following Plant and Services:
- (c) The price of our Bid, excluding any discounts offered in item (d) below is the sum of: [amount of foreign currency in words], [amount in figures], and [amount of local currency in words], [amount in figures]
- (d) The discounts offered and the methodology for their application are:
- (e) Our bid shall be valid for a period of 180 days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (f) If our bid is accepted, we commit to obtain a performance security in accordance with the Bidding Documents;
- (g) We, including any subcontractors or manufacturers for any part of the contract, have or will have nationalities from eligible countries, in accordance with ITB-4.2;
- (h) We, including any subcontractors or suppliers for any part of the contract, do not have any conflict of interest in accordance with ITB 4.3;
- (i) We are not participating, as a Bidder in more than one bid in this bidding process in accordance with ITB 4.3, other than alternative offers submitted in accordance with ITB 13;
- (j) Our firm, its affiliates or subsidiaries, including any Subcontractors or Suppliers for any part of the contract, has not been declared ineligible by GOS, under the Employer's country laws or official regulations or by an act of compliance with a decision of the United Nations Security Council;
- (k) We are not a government owned entity / We are a government owned entity but meet the requirements of ITB4.5; *

- (l) We have paid, or will pay the following commissions, gratuities, or fees with respect to the bidding process or execution of the Contract: **

Name of Recipient	Address	Reason	Amount
.....
.....

- (m) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed; and
- (n) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.
- (o) We agree to permit GoS or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors appointed by GoS.

Name

In the capacity of

Signed

Duly authorized to sign the Bid for and on behalf of

Date

* Use one of the two options as appropriate

** If none has been paid or is to be paid, indicate "none"

Price Schedules

PREAMBLE

General

1. The Price Schedules are divided into separate Schedules as follows:
Schedule No. 1: Plant and Materials (including Mandatory Spare Parts) Supplied from Abroad
Schedule No. 2: Plant and Materials (including Mandatory Spare Parts) Supplied from within the Employer's Country
Schedule No. 3: Design Services
Schedule No. 4: Construction, Installation and Other Services
Schedule No. 5: Grand Summary
Schedule No. 6: Recommended Spare Parts
2. The Schedules do not generally give a full description of the plant to be supplied and the services to be performed under each item. Bidders shall be deemed to have read the Employer's Requirements and other sections of the Bidding Document and reviewed the Drawings to ascertain the full scope of the requirements included in each item prior to filling in the rates and prices. The entered rates and prices shall be deemed to cover the full scope as aforesaid, including overheads and profit.
3. If bidders are unclear or uncertain as to the scope of any item, they shall seek clarification in accordance with ITB 7 prior to submitting their bid.

Pricing

4. Prices shall be filled in indelible ink, and any alterations necessary due to errors, etc., shall be initialed by the Bidder.
As specified in the Bid Data Sheet and Special Conditions of Contract, prices shall be fixed and firm for the duration of the Contract, or prices shall be subject to adjustment in accordance with the corresponding Appendix (Price Adjustment) to the Contract Agreement.
5. Bid prices shall be quoted in the manner indicated and in the currencies specified in the Instructions to Bidders in the Bidding Document.
For each item, bidders shall complete each appropriate column in the respective Schedules, giving the price breakdown as indicated in the Schedules.
Prices given in the Schedules against each item shall be for the scope covered by that item as detailed in Section 6 (Employer's Requirements) or elsewhere in the Bidding Document.
6. Payments will be made to the Contractor in the currency or currencies indicated under each respective item.
7. When requested by the Employer for the purposes of making payments or partial payments, valuing variations or evaluating claims, or for such other purposes as the Employer may reasonably require, the Contractor shall provide the Employer with a breakdown of any composite or lump sum items included in the Schedules.

Schedules of Rates and Prices

Schedule No. 1 – Plant, Materials, and Mandatory Spare Parts Supplied from Abroad

Item	Description	Country of Origin	Qty.	Unit Price ¹		Total Price ¹	VAGST Taxes and Duties
				Foreign Currency	CIP	Foreign Currency	Local Currency
1	2	3	4	5	6	7 = 4 x 6	8
1.0	<u>Gasification Unit</u>						
1.1.	Biomass Dryer and Delivery/Conveyor Unit.		1 lot				
1.2.	Gasifier and associated Feedstock Administering Unit		1 lot				
1.3.	Gas Cleaning and Required Heat Exchanger/Cooling Units		1 lot				
1.4	Syngas engine(s)		1 lot				
1.5	Warehouse type building to house gasifier and all equipment and stockpile fuel feedstock		1 lot				
1.6	Vehicle electronic scale connecting to plant control room to weigh incoming wood fuel trucks		1 lot				

2.0	<u>Mechanical, Electrical and Communication Works</u>					
2.1	Syngas reciprocating engine and generator cw all electrical and mechanical systems	1 lot				
2.2	Plant overhead electric/manual crane	1 lot				
2.3	Generator PLC governor control system.	1 lot				
2.4	Generator padmount 1000kva 415v/22kv step up power transformer	1 lot				
2.5	Local supply 415v transformer with distribution panel	1 lot				
2.6	415V indoor padmount switchgear					
2.7	Materials for 22kV transmission line and underground connection into existing 22kv overhead line system	1 lot				
2.8	PLC Control and instrumentation system	1 lot				
2.9	Communications system	1 lot				
2.10	Protective relaying system	1 lot				
2.11	24V DC system	1 lot				
2.12	Powerhouse lighting and general	1 lot				

	power system						
2.13	Ventilation system		1 lot				
2.14	Drainage system		1 lot				
2.15	Spare parts for one year services of generator(s),, gasifier and other equipment,		1 lot				
2.16	0.5ML Water Tank(s) for Potable Water Supply storage, pressure pumps, and Fire Fighting Requirement		1 lot				
2.17	Electrical cables, termination and splices kits, and electrical conduits		1 lot				
2.18	Equipment, software, to interface plant to EPC SCADA system for remote control and monitoring		1 lot				
2.19	Standby generator with automatic transfer switch		1 lot				
TOTAL Column 7 to be carried forward to Schedule No. 5. Grand Summary							

Name of Bidder _____

Signature of Bidder _____

¹ All pricing shall be given in United States Dollars (\$USD) or three (3) convertible currencies

² Quantum to be determined by Generator Rated Output

Country of Origin Declaration Form

Item	Description	Country

Schedule No. 2 – Plant, Materials, and Mandatory Spare Parts Supplied from Within the Employer's Country

Item	Description	Qty	EXW Unit Price ¹	Total EXW Price ¹	Sales Tax	Total Price
1	2	3	4	5 = 1 x 2	6	7 = 5 + 6
1	All locally produced and supplied materials and equipment for construction of powerhouse, building, roads , drainage, water system and electrical work. This include: building materials, ready mix concrete, cement, asphalt, base course materials, drainage pipes, etc.	1 lot	LS			
TOTAL Column 5 to be carried forward to Schedule No. 5. Grand Summary						

Name of Bidder _____

Signature of Bidder _____

¹ *Specify currency in accordance with ITB 19.*

Schedule No. 3 - Design Services

Item	Description	Qty.	Unit Price ¹		Total Price ¹	
			Local Currency Portion	Foreign Currency Portion	Local Currency Portion	Foreign Currency Portion
1	2	3	4	5	6 = 3 x 4	7 = 3 x 5
D1.1	Geotechnical investigation and report of gasification and power station	1 lot	LS			
D1.2	Detailed design of gasification plant and power station including generator, electrical switchgear, power distribution, SCADA integration to EPC SCADA system	1 lot	LS			
D1.3	Detailed Design of the Project civil works including, compound, plant layout, roads, drainage, water system, fuel feed stock storage, fire fighting and all civil and site works.	1 lot	LS			
D1.4	Detailed Engineering Design and Preparation of Construction Drawings for the Powerhouse, Firefighting Requirements and all other necessary works.	1 lot	LS			
D1.5	Detailed Engineering Design and Preparation of Construction Drawings for the Feedstock handling facilities and storage including electronic scale to weigh trucks, drying shed and warehouse shelter	1 lot	LS			
D1.6	Detailed Engineering Design and Preparation of Manufacturing and Construction Drawings for all Mechanical and Electrical works.	1 lot	LS			
D1.7	Preparation of CEMP for construction work	1 lot	LS			
TOTAL Columns 6 and 7 to be carried forward to Schedule No. 5. Grand Summary						

CEMP – Construction Environmental Management Plan

Name of Bidder _____

Signature of Bidder _____

¹ All pricing shall be given in United States Dollars (\$USD) or three (3) convertible currencies.

Schedule No. 4 –Construction, Installation and Other Services

Item	Description	Qty.	Unit Price ¹		Total Price ¹	
			Local Currency Portion	Foreign Currency Portion	Local Currency Portion	Foreign Currency Portion
1	2	3	4	5	6 = 3 x 4	7 = 3 x 5
G1	<u>GENERAL</u>					
<u>G1.1</u>	Rebuild and pave access road from main public road to biomass plant; scope includes new base course, and drainage on side and road crossings;	1 lot				
<u>G1.12</u>	Provide Operation & Maintenance Capacity Training and Knowledge Transfer Programme for gasification plant and system; quality testing and control of syntec gas; gas engine, generator and auxiliaries;	1 lot				
<u>G1.23</u>	Provide a 1 year long service contract of the plant for further advanced training and technical support;	1 lot				
<u>G1.34</u>	Provision of operating and maintenance manuals and spare parts manual and all as built drawings	1 lot				
2	<u>GASIFICATION PLANT</u>					
<u>2.1</u>	<u>Mechanical & Electrical Works</u>	1 lot				
2.1.1	Construction of gasification plant cw with fuel weighing, handling and storage facilities, wood drying system, feed into plant, and gas discharge and storage facility and installation and commissioning of equipment	1 lot				
2.1.2	Construction of power station, fuel system and storage, electrical control room, wash facilities, store for parts and tools, transformer yard, and outgoing 22kv feeder to connect to EPC grid					

2.2	<u>Civil Works</u>					
2.2.1	Survey, clear, level, grade, and compact 100m x 100m site for gasification and power station and fuel handling facilities and build drainage.	1 lot				
2.2.2	Build 2m high security fence and gates around periphery of the 100m x 100m plant site	1 lot				
2.2.13	Construction of the Powerhouse and all other necessary works to accommodate for the Electrical and Mechanical Installations and also firefighting requirements	1 lot				
2.2.24	Construction of the Feedstock Drying Shed	1 lot				
2.2.5	Build plant site security lights, with all wiring underground	1 lot				
2.3	<u>Gas Engine, Generator, Governor Control, Switchgear and Transformers</u>					
2.3.1	Installation of the gas generator and all auxiliaries and connect to fuel line from gasification plant supply, metering.	1 lot				
2.3.2	Installation of all electrical switchgear and equipment in plant control room	1 lot				
2.3.3	Installation of power transformer and local supply transformer and terminations of 22kV link to EPC Grid	1 lot				
2.3.4	Installation of SCADA integration equipment and telecommunication system to connect plant to National Control Center in Fuluasou Substation	1 lot				
2.3.5	Pre commission testing, Commissioning and Load Testing of Generator. Include protection system, metering, instrumentation, and remote control of generator using CLEAR SCADA system from NCC	1 lot				
TOTAL Columns 6 and 7 to be carried forward to Schedule No. 5. Grand Summary						

NCC – National Control Center

Name of Bidder _____

Signature of Bidder _____

¹ All pricing shall be given in United States Dollars (\$USD) or three (3) convertible currencies.

Schedule No. 5 - Grand Summary

Schedule No.	Title	Total ¹	
		Foreign	Local
1	Plant, Materials, and Mandatory Spare Parts Supplied from Abroad		
2	Plant, Materials, and Mandatory Spare Parts Supplied from Within the Employer's Country		
3	Design Services		
4	Construction, Installation and Other Services		
GRAND TOTAL to be carried forward to Letter of Bid			

Name of Bidder _____

Signature of Bidder _____

¹ All pricing shall be given in United States Dollars (\$USD) or three (3) convertible currencies.

Schedule No. 6 - Recommended Spare Parts

Item	Description	Qty	Unit Price ¹		Total Price ¹	
			EXW Local Parts Local Currency	CIP Imported Parts Foreign Currency	Local Currency Portion	Foreign Currency Portion
1	2	3	4	5	6 = 3 x 4	7 = 3 x 5
TOTAL						

Name of Bidder _____

Signature of Bidder _____

¹ All pricing shall be given in United States Dollars (\$USD) or three (3) convertible currencies.

Schedule No. 7 – Schedule of Payments

(Use payment schedule in Appendix 1 for Terms of Payment in Section 9 Contract Form)

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Months from Effective Date (months)	Amount ¹	% of Net Tender Price	Cumulative Amount ¹	Cumulative % of Net Tender Price
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
Total Tender Price				

Note:

1. Bidder shall submit separately in graphical formal an 'S Curve' showing monthly estimated contract payments as a function of time.

Name of Bidder _____

Signature of Bidder _____

¹ All pricing shall be given in United States Dollars (\$USD) or three (3) convertible currencies.

Schedule No. 8 – Milestone Delay Damages of the Bid Price Schedules

Item	Description	Day to Completion after Commencement Date	Delay Damages ¹ (USD/ Day)
[1]	[2]	[3]	[4]
1	Construction, testing and commissioning of the 750kW Faleolo Gasification Plant	365 Days	

Name of Bidder _____

Signature of Bidder _____

¹ All pricing shall be given in United States Dollars (\$USD) or three (3) convertible currencies.

Bid Security

Bank Guarantee

.....*Bank's Name, and Address of Issuing Branch or Office*

Beneficiary: *Name and Address of Employer*

Date:

Bid Security No.:

We have been informed that *name of the Bidder* (hereinafter called "the Bidder") has submitted to you its bid dated (hereinafter called "the Bid") for the execution of *name of contract* under Invitation for Bids No. ("the IFB").

Furthermore, we understand that, according to your conditions, bids must be supported by a bid guarantee.

At the request of the Bidder, we *name of Bank* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *amount in figures* (..... *amount in words*) upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

- (a) has withdrawn its Bid during the period of bid validity specified by the Bidder in the Form of Bid; or
- (b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB"); or
- (c) having been notified of the acceptance of its Bid by the Employer during the period of bid validity, (i) fails or refuses to execute the Contract Agreement, or (ii) fails or refuses to furnish the Performance Security, in accordance with the ITB.

This guarantee will expire: (a) if the Bidder is the successful Bidder, upon our receipt of copies of the Contract Agreement signed by the Bidder and the performance security issued to you upon the instruction of the Bidder; and (b) if the Bidder is not the successful Bidder, upon the earlier of (i) our receipt of a copy your notification to the Bidder of the name of the successful Bidder; or (ii) 28 days after the expiration of the Bidder's bid.

Consequently, any demand for payment under this guarantee must be received by us at the office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No. 458.

.....*Bank's seal and authorized signature(s)*

Note: All italicized text is for use in preparing this form and shall be deleted from the final document

Bid-Securing Declaration (NOT APPLICABLE)

Date: *[insert date (as day, month and year)]*

Bid No.: *[insert number of bidding process]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

To: *[insert complete name of Employer]*

We, the undersigned, declare that:

We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

We accept that we will automatically be suspended from being eligible for bidding in any contract with the Borrower for the period of time of *[insert number of months or years]* starting on the date that we receive a notification from the Employer, if we are in breach of our obligation(s) under the bid conditions, because we:

- (a) have withdrawn our Bid during the period of bid validity specified in the Form of Bid; or
- (b) having been notified of the acceptance of our Bid by the *Employer* during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the ITB.

We understand this Bid-Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) 28 days after the expiration of our Bid.

Signed: *[insert signature of person whose name and capacity are shown]* In the capacity of *[insert legal capacity of person signing the Bid-Securing Declaration]*

Name: *[insert complete name of person signing the Bid-Securing Declaration]*

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

Dated on _____ day of _____, _____ *[insert date of signing]*

Corporate Seal (where appropriate)

[Note: In case of a Joint Venture, the Bid-Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid.]

Technical Proposal

Site Organization

Method Statement

Mobilization Schedule

Construction Schedule

Personnel

Equipment

Proposed Subcontractors for Major Items of Plant and Services

Time Schedule

Technical Schedules

Site Organization

(Note: Evaluation of the Bidder's Site Organization will include an assessment of the Bidder's capacity to mobilize key personnel for the Contractor consistent with its proposal regarding work methods, scheduling, and material sourcing in sufficient detail and fully in accordance with the requirements stipulated in Section 6 (Employers Requirements))

Method Statement

(Note: Evaluation of the Bidder's proposal will include an assessment of the Bidder's experience with preparing CEMP's. The method statement should include the Contractors proposed form of CEMP).

Mobilization Schedule

Construction Schedule

(Note: Evaluation of the Bidder's Site Organization will include an assessment of the Bidder's capacity to mobilize key personnel for the Contractor consistent with its proposal regarding work methods, scheduling, and material sourcing in sufficient detail and fully in accordance with the requirements stipulated in Section 6 (Employers Requirements))

Personnel

Bidders should provide the names of suitably qualified personnel to meet the requirements specified in Section 3 (Evaluation and Qualification Criteria). The data on their experience should be supplied using the Form below for each candidate.

Form PER – 1: Proposed Personnel

1.	Title of position*
	Name
2.	Title of position*
	Name
3.	Title of position*
	Name
4.	Title of position*
	Name

*As listed in Section 3 (Evaluation and Qualification Criteria).

Position		
Personnel information	Name	Date of birth
	Professional qualifications	
Present employment	Name of employer	
	Address of employer	
	Telephone	Contact (manager / personnel officer)
	Fax	E-mail
	Job title	Years with present employer

[illegible]

Equipment

The Bidder shall provide adequate information to demonstrate clearly that it has the capability to meet the requirements for the key equipment listed in Section 3 (Evaluation and Qualification Criteria). A separate Form shall be prepared for each item of equipment listed, or for alternative equipment proposed by the Bidder.

Item of Equipment		
Equipment Information	Name of manufacturer	Model and power rating
	Capacity	Year of manufacture
Current Status	Current location	
	Details of current commitments	
Source	Indicate source of the equipment	
	<input type="checkbox"/> Owned <input type="checkbox"/> Rented <input type="checkbox"/> Leased <input type="checkbox"/> Specially manufactured	

Omit the following information for equipment owned by the Bidder.

Owner	Name of owner	
	Address of owner	
	Telephone	Contact name and title
	Fax	Telex
Agreements	Details of rental / lease / manufacture agreements specific to the project	

Proposed Subcontractors/Manufactures for Major Items of Plant and Services

The following Subcontractors and/or manufacturers are proposed for carrying out the item of the facilities indicated. Bidders are free to propose more than one for each item

Major Items of Plant and Services	Proposed Subcontractors/Manufacturers	Nationality

Manufacturer's Authorization

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date: *[insert date (as day, month and year) of Bid Submission]*

ICB No.: *[insert number of bidding process]*

To: *[insert complete name of Employer]*

WHEREAS

We *[insert complete name of Manufacturer or Manufacturer's authorized agent]*, who are official manufacturers or agent authorized by the manufacturer of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following goods, manufactured by us *[insert name and or brief description of the goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on _____ day of _____, _____ *[insert date of signing]*

Time Schedule

To be used by Bidder when alternative Time for Completion is invited in ITB 13.2.

(Note: Evaluation of the Bidder's Site Organization will include an assessment of the Bidder's capacity to mobilize key personnel for the Contractor consistent with its proposal regarding work methods, scheduling, and material sourcing in sufficient detail and fully in accordance with the requirements stipulated in Section 6 (Employers Requirements))

Personnel

Bidders should provide the names of suitably qualified personnel to meet the requirements specified in Section 3 (Evaluation and Qualification Criteria). The data on their experience should be supplied using the Form below for each candidate.

Form PER – 1: Proposed Personnel

1.	Title of position*
	Name
2.	Title of position*
	Name
3.	Title of position*
	Name
4.	Title of position*
	Name

*As listed in Section 3 (Evaluation and Qualification Criteria).

Position		
Personnel information	Name	Date of birth
	Professional qualifications	
Present employment	Name of employer	
	Address of employer	
	Telephone	Contact (manager / personnel officer)
	Fax	E-mail
	Job title	Years with present employer

[illegible]

Equipment

The Bidder shall provide adequate information to demonstrate clearly that it has the capability to meet the requirements for the key equipment listed in Section 3 (Evaluation and Qualification Criteria). A separate Form shall be prepared for each item of equipment listed, or for alternative equipment proposed by the Bidder.

Item of Equipment					
Equipment Information	<table border="1"> <tr> <td>Name of manufacturer</td> <td>Model and power rating</td> </tr> <tr> <td>Capacity</td> <td>Year of manufacture</td> </tr> </table>	Name of manufacturer	Model and power rating	Capacity	Year of manufacture
	Name of manufacturer	Model and power rating			
Capacity	Year of manufacture				
Current Status	<table border="1"> <tr> <td>Current location</td> </tr> <tr> <td>Details of current commitments</td> </tr> </table>	Current location	Details of current commitments		
Current location					
Details of current commitments					
Source	<table border="1"> <tr> <td colspan="2">Indicate source of the equipment</td> </tr> <tr> <td><input type="checkbox"/> Owned</td> <td><input type="checkbox"/> Rented <input type="checkbox"/> Leased <input type="checkbox"/> Specially manufactured</td> </tr> </table>	Indicate source of the equipment		<input type="checkbox"/> Owned	<input type="checkbox"/> Rented <input type="checkbox"/> Leased <input type="checkbox"/> Specially manufactured
Indicate source of the equipment					
<input type="checkbox"/> Owned	<input type="checkbox"/> Rented <input type="checkbox"/> Leased <input type="checkbox"/> Specially manufactured				

Omit the following information for equipment owned by the Bidder.

Owner	Name of owner	
	Address of owner	
	Telephone	Contact name and title
	Fax	Telex
Agreements	Details of rental / lease / manufacture agreements specific to the project	

Proposed Subcontractors/Manufacturers for Major Items of Plant and Services

The following Subcontractors and/or manufacturers are proposed for carrying out the item of the facilities indicated. Bidders are free to propose more than one for each item

Major Items of Plant and Services	Proposed Subcontractors/Manufacturers	Nationality

Manufacturer's Authorization

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date: *[insert date (as day, month and year) of Bid Submission]*

ICB No.: *[insert number of bidding process]*

To: *[insert complete name of Employer]*

WHEREAS

We *[insert complete name of Manufacturer or Manufacturer's authorized agent]*, who are official manufacturers or agent authorized by the manufacturer of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following goods, manufactured by us *[insert name and or brief description of the goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on _____ day of _____, _____ *[insert date of signing]*

Time Schedule

To be used by Bidder when alternative Time for Completion is invited in ITB 13.2.

Technical Schedules

Bidders shall demonstrate their understanding of the Employers requirements by providing proposed Plant details in the following schedules:-

One set of schedules shall be completed for each Part of the Facilities.

Guarantees

The continuous power output of the gas engine at the 22kV connection to the EPC distribution system with the generator at 0.8 lagging power factor is guaranteed to be no less than. _____ kW

The efficiency of the gas engine to guaranteed to be no less than _____ %

The plant Availability Factor is guaranteed to be no less than _____ %

Other specified guarantees for individual equipment items shall be provided as required the following schedules.

Governing System Data

The Contractor shall provide the following governing system information and data for each different governor as part of their Tender offer:

(i) Governing System Manufacturer

Name and address _____

Country of manufacture _____

(ii) Drawings and Data to be Submitted

- Drawings showing overall dimensions and general arrangement of equipment.
- Descriptive literature of the governors, including schematic and block diagrams.

(iii) Dimensions and Other Data (If hydraulic operated servomotors are offered)

Governor Operating Oil Pressure

Nominal _____ bar

Minimum _____ bar

Maximum _____ bar

Rating of actuator (pipe size) _____ mm

Capacity of governor main oil-pumps, each at delivery _____ l/s

pressure of _____ bar

Motor rating of governor main oil-pumps, each _____ kW

Speed _____ rpm

Capacity of accumulator _____ litre

Accumulator pressure vessel design Standard _____

Overall dimensions of governor hydraulic unit _____ x _____ x _____ mm

Net weight of complete governing system _____ kgf

Net weight of sump tank _____ kgf

Net weight of complete governing system _____ kgf

(iv) Operating Characteristics

Range of permanent speed droop _____ %

Range of speed change _____ %

Opening time adjustment range of spear valves _____ sec

Closing time adjustment range of spear valves _____ sec

Opening time adjustment range of deflector _____ sec

Closing time adjustment range of deflector _____ sec

(v)

Component manufacturers

Manufacturer and model of electro-proportional valves
Manufacturer and model of oil pumps
Manufacturer of hydraulic servo motors
Manufacturer and model of spear valve/deflector position
transmitters
Manufacturer and model of speed monitoring system

Generator Data

The Contractor shall provide the data listed on the following data sheets for each different generator as part of their tender design:

(i) Generator Manufacturer

Name and address _____

Country of manufacture _____

(ii) Drawings and Data to be Submitted

- Drawings showing overall dimensions and general arrangement of the generator.
- Drawings and description of bearing lubrication system.
- Descriptive literature of the generator.
- Generator Efficiency Curve
- Generator Capability Curve

(iii) Guarantees

Guaranteed Minimum Average Efficiency _____ %

(iv) Dimensions and Other Data

Rated Output (kVA @ 0.8 lagging power factor)	_____ kVA
Rated Voltage	_____ kV
Rated Frequency	_____ 50Hz
Rated Power Factor	_____ 0.8
Rated Speed	_____ rpm
Design Runaway Speed	_____ rpm
Direction of rotation viewed from turbine	_____
Flywheel effect of generator rotating part (GD ²)	_____ T/m ²
Stator	
Dimension for shipment	_____
Weight for shipment	_____
Outside dimension of stator frame	_____
Rotor	
Pole Length	_____
Type of pole damper windings	_____
Maximum diameter	_____
Weight for shipment	_____
Bearings	
Type of thrust bearing	_____
Type of guide bearing	_____
Estimated hydraulic thrust load	_____

Maximum possible temperature with continuous operation of the bearing	_____
Bearing lubrication type	_____
Bearing cooling type	_____
Material of Insulation	_____
Stator conductors in core	_____
Stator end windings	_____
Stator core plates	_____
Field windings	_____
Neutral Grounding	_____
Grounding transformer ratio	_____
Grounding transformer rating	_____ kVa
Grounding resistor rating	_____ Ω
Separate Flywheel (If required)	_____
Diameter	_____ m
Weight	_____ kg
Flywheel effect (GD2)	_____ T/m ²

(v) Operating Characteristics

Short circuit ratio	_____
Deviation factor of open circuit wave form	_____
Inherent voltage regulation	_____
At 1.0 power factor	_____ %
At 0.9 power factor	_____ %
Direct axis transient reactance, saturated (Xd')	_____
Direct axis subtransient reactance, unsaturated (Xd'')	_____
Negative sequence reactance (X ₂)	_____
Zero sequence reactance (X ₀)	_____
Direct axis synchronous (Xd)	_____
Max voltage rise when shedding continuous rated load at rated power factor under actual service conditions with speed control and voltage control plant in operation	_____ %
KVAr capability of generator for rated temperature rise	_____
Leading power factor	_____ kVAr
Lagging power factor	_____ kVAr

(vi) Component Manufacturers

Manufacturer and model of bearings	_____
Manufacturer and type of lube oil system	_____
Manufacturer and model of vibration monitors	_____
Manufacturer and type of CTs and VTs	_____
Manufacturer and model of grounding transformer/resistor	_____

(vii) Spare Parts Included (List)

Excitation Systems

The Contractor shall provide the data listed on the following data sheets for each different excitation system as part of their tender design:

(i) Excitation System Manufacturer

Name and address _____

Country of manufacture _____

(ii) Drawings and Data to be Submitted

- Drawings and description of excitation system.

(iii) Dimensions and Other Data

Exciter rated voltage	_____
Exciter ceiling voltage	_____
Response ratio	_____
Class, ratio and rating required for voltage transformer for AVR	_____
Class, ratio and rating required for current transformer for AVR	_____

(iv) Spare Parts Included (List)

415V Switchgear

The Contractor shall provide the data listed on the following data sheets for each different 415kV Switchgear system as part of their tender design:

(i) 415V Switchgear Manufacturer

Name and address _____

Country of manufacture _____

(ii) Drawings and Data to be Submitted

- Drawings and description of 415V Switchgear.

(iii) Dimensions and Other Data

General

Maximum rated voltage	_____ kV
Frequency	_____ Hz
Rated normal current	_____ A
Number of phases	_____
Number of breaks per phase	_____
Interrupting medium	_____
Short time withstand current	
1 second	_____ rms kA
3 seconds	_____ rms kA
Breaking capacity	
symmetrical	_____ rms kA
asymmetrical	_____ rms kA
Opening time	
without current	_____ ms
at 100% of rated breaking current	_____ ms
Maximum arc duration of any duty cycle	_____ ms
Current at which maximum arc duration occurs (critical current)	_____ ms
Make time	_____ ms
Trip coil voltage	_____ 24 V DC
Close coil voltage	_____ 24 V DC
Circuit breaker trip Free	_____ Yes/No
Rated voltage of spring winding motor for closing	_____ V
Current Transformers	
Type of construction	_____
Number of current transformers	_____
Ratio (for each CT)	_____
Secondary current	_____ A
Rating	_____ VA
Accuracy class (for each CT)	_____

Voltage Transformers

Type of construction _____
Number of current transformers _____
Ratio (for each VT) _____
Rating _____ VA
Accuracy class (for each VT) _____

Weights and Dimensions

Overall width _____ Mm
Overall height _____ mm
Overall front to rear dimension _____ mm
Space required for withdrawal of moving portion _____ mm
Space if required for access at rear _____ mm
Weight of complete panel comprising fixed and moving portions _____ kg
Weight of circuit breaker complete with all fittings as in service _____ kg

(iv) Spare Parts Included (List)

Station Transformers

The Contractor shall provide the data listed on the following data sheets for each different generator step-up transformer as part of their tender design:

(i) Transformer Manufacturer

Name and address _____

Country of manufacture _____

(ii) Drawings and Data to be Submitted

- Drawings and description of transformers.

(iii) Guarantees

No-Load Losses at transformer ratio and rated ONAN _____ kW
kVA

Load Losses at rated voltage _____ kW

(iv) Dimensions and Other Data

Electrical Characteristics

ONAN Rated continuous current HV windings _____ A

ONAN Rated power of HV winding _____ kVA

ONAN Rated power of L.V winding _____ kVA

Winding connection _____ Dyn11

Principal ratio of transformation _____

Tapping range on HV _____

Tapping steps _____ %

Number of tap positions _____

Lightning impulse withstand voltage of HV winding _____ kVp

1 minute power frequency withstand voltage of HV winding _____ kV rms

1 minute power frequency withstand voltage of LV winding _____ kV rms

Estimated maximum inrush current on HV winding (0% tap) _____ A

Positive phase sequence impedance voltage on rated kVA base between main and secondary windings at:-

i. Transformer ratio _____ %

ii Highest ratio At tap _____ %

iii Lowest ratio At tap _____ %

Regulation at rated kVA between main and secondary windings at:-

- i. Unity power factor _____ %
 ii. 0.95 power factor lagging _____ %

Rated 3 second short circuit fault level:-

- i. HV winding _____ MVA
 ii. LV winding _____ MVA

Mechanical Characteristics

- Oil strength required for initial filling _____ kV rms
 Minimum allowable oil strength in service _____ kV rms
 Maximum moisture content in oil for initial filling _____ ppm
 Maximum moisture content in oil service _____ ppm

Details of Construction

Type of winding:-

- i. LV _____
 ii. HV _____

Dimensions, Masses, Volumes

Total oil quantity at 20C _____ litre

Dimensions of transformer in service

- i. Length overall (incl. Radiators) _____ mm
 ii. Width overall _____ mm
 iii. Height overall _____ mm

Masses

- i. Mass of transformer with oil _____ kg
 ii. Mass of transformer without oil _____ kg
 iii. Untanking mass of core and windings _____ kg

(v) Spare Parts Included (List)

Control and Automation Systems

The Contractor shall provide the data listed on the following data sheets for each different control and automation system as part of their tender design:

(i) Control System Manufacturer

Name and address _____

Country of manufacture _____

(ii) Drawings and Data to be Submitted

- Control system architecture drawing
- Technical literature on PLC and HMI systems offered.
- Technical literature on panel system offered
- Concept arrangement drawing for Unit and Station PLC panels
- IO list for each PLC

(iii) Guarantees

Control system Average System Availability guarantee _____ %

(iv) Control System Data

PLC Panel Details

Panel Manufacturer	_____
Place of Manufacture	_____
IP Rating of completed panel	_____
Panel length	_____ mm
Panel width	_____ mm
Panel height	_____ mm

PLC Details

PLC Manufacturer	_____
PLC Model	_____
Country of manufacture	_____
Number of 100BaseT ports	_____
Number and Type of Serial Ports	_____
Protocols supported for 100BaseT ports	_____
Protocol for communications with Employers	_____
SCADA	_____
Remote IO communications protocol	_____
Max number of digital inputs	_____
Max number of digital outputs	_____
Max number of analogue inputs	_____

Max number of analogue outputs	_____
Max number of RTD inputs	_____
Processor	
Model	_____
Programming methods supported	_____
On line programming supported	_____ Yes/No
 Digital Input Module	
Nominal input voltage	_____ V DC
Number of DI points per module	_____
Number of DI points per common	_____
Rated impulse withstand voltage between input and ground	_____ kV
Digital Output Module	
Nominal output voltage	_____ V DC
Clean contact type DO	_____ Yes/No
Number of DO points per module	_____
Number of DO points per common	_____
Rated impulse withstand voltage between output and ground	_____ kV
Analogue Input Module	
Nominal input type	_____ 4-20mA
Number of AI points per module	_____
Number of AI points per common	_____
Rated impulse withstand voltage between input and ground	_____ kV
Resolution	_____ Bit
Accuracy	_____ % FSD
Analogue Output Module	
Nominal input type	_____ 0-10V/4-20mA
Number of AO points per module	_____
Number of AO points per common	_____
Rated impulse withstand voltage between input and ground	_____ kV
Resolution	_____ Bit
Accuracy	_____ % FSD
Voltage Mode Output Loading	_____ Ω
Current Mode Output Loading	_____ Ω
RTD Input Module	
Nominal input type	_____ PT100
Number of RTD points per module	_____
Rated impulse withstand voltage between input and ground	_____ kV
Resolution	_____ Bit
Accuracy	_____ % FSD
Power Supply	
Input voltage range	_____ V DC
Redundant	_____ Yes/No
Network Switches	
Manufacturer	_____
Model	_____
Power supply voltage range	_____ V DC
Number of RJ45 ports	_____
Number of Fibre optic ports	_____

Fibre optic port type	_____ Single/multimode
Managed switch	_____ Yes/No
HMI Computers	
Manufacturer	_____
Model	_____
Power supply voltage range	_____ V DC
Operating System	_____ Windows 7
Hard drive capacity	_____
Solid state hard drive	_____ Yes/No
Processor type and speed	_____
RAM	_____
Display size	_____ Inch
Display resolution	_____
Touchscreen display	_____ Yes/No
HMI Software	
Manufacturer	_____
Software Name	_____
Number of licenses offered	_____
Software Modules included (list all)	_____
Maximum number of tags	_____
Requires hardware lock?	_____ Yes/No
PLC Programming Computer	
Manufacturer	_____
Model	_____
PLC Programming Software	
Manufacturer	_____
Software Name	_____
Number of licenses offered	_____
Instruments	
Level Transmitter type	_____
Level Transmitter manufacturer	_____
Surge Protection type	_____

(v)

Spare Parts Included (List)

Protective Relaying Systems

The Contractor shall provide the data listed on the following data sheets for each different protective relaying system as part of their tender design:

(i) Protective Relaying System Manufacturer

Name and address _____

Country of manufacture _____

(ii) Drawings and Data to be Submitted

- Technical literature on protective relays offered.
- Technical literature on panel system offered

(iii) Protective Relaying System Data

Relay Panel Details (If relays not incorporated within
PLC panels or 400V Switchgear)

Panel Manufacturer	_____
Place of Manufacture	_____
IP Rating of completed panel	_____
Panel length	_____ mm
Panel width	_____ mm
Panel height	_____ mm

Generator and Transformer "All in One" Protection Relay
Details

Relay Manufacturer	_____
Relay Model	_____
Country of manufacture	_____
Communications protocols supported	_____
Protective functions included (Use ANSI Codes)	_____
Number of programmable digital inputs	_____
Number of trip outputs	_____
Number of programmable digital outputs	_____
Number of single phase CT inputs	_____
Number of single phase VT inputs	_____
Power supply voltage range	_____ V DC

Feeder Protection Relay Details

Relay Manufacturer	_____
Relay Model	_____
Country of manufacture	_____
Communications protocols supported	_____
Protective functions included (Use ANSI Codes)	_____
Number of programmable digital inputs	_____

Number of trip outputs	_____
Number of programmable digital outputs	_____
Number of single phase CT inputs	_____
Number of single phase VT inputs	_____
Power supply voltage range	_____ V DC
Trip Relay Details	
Relay Manufacturer	_____
Relay Model	_____
Country of manufacture	_____
Relay Programming Computer	
Manufacturer	_____
Model	_____
Relay Programming Software	
Manufacturer	_____
Software Name	_____
Number of licenses offered	_____

(iv) Spare Parts Included (List)

24V DC Systems

The Contractor shall provide the data listed on the following data sheets for each different 24V DC system as part of their tender design:

(i) 24V DC System Manufacturer

Name and address _____

Country of manufacture _____

(ii) Drawings and Data to be Submitted

- Technical literature on dc system offered.

(iii) 24V DC System Data

24V Batteries

Manufacturer	_____
Type	_____ VRLA
Catalogue number	_____
Number of cells	_____
Battery bank nominal voltage	_____ V DC
Battery bank capacity	_____ Ah
Expected battery life	_____ Years
Discharge rates for the following times with an initial electrolyte temperature of 25°C	
i. Eight hour	_____ A
ii. Four hour	_____ A
iii. One hour	_____ A
Dimensions of Battery and Rack Assembly	_____ WxHxD
Design continuous demand of connected loads	_____ A

Battery Chargers

Manufacturer	_____
Type or catalogue number	_____
DC Output (rated).	_____
i. Current	_____
ii. Voltage	_____
AC Input (rated).	_____
i. Current	_____
ii. Voltage	_____
Temperature compensation to prevent battery thermal runaway	_____ Yes/No
Voltage regulation	_____ %
Ripple	_____ V rms
Dimensions of battery charger	_____ WxHxD

	DC Distribution Panel	
	Manufacturer	_____
	Type or catalogue number	_____
	Number of feeder MCBs	_____
	Dimensions of DC distribution panel	_____ WxHxD
(iv)	Spare Parts Included (List)	

Local Service AC Systems

The Contractor shall provide the data listed on the following data sheets for each different local service AC system as part of their tender design:

(i) Local Service AC System Manufacturer

Name and address _____

Country of manufacture _____

(ii) Drawings and Data to be Submitted

- Technical literature on local service switchboard.
- Technical literature on light fittings proposed.

(iii) Local Service AC System Data

Local Service Switchboard

Manufacturer _____

Type _____

Rated Current _____ A

1 second short circuit withstand _____ kA

Rating of incoming switch _____

Number of outgoing feeders _____

Light fittings (complete for each type)

Manufacturer _____

Type _____

Power outlets (complete for each type)

Manufacturer _____

Type _____

(iv) Spare Parts Included (List)

Cabling

The Contractor shall provide the data listed on the following data sheets for each different cable type as part of their tender design:

(i) Cable Manufacturer

Name and address _____

Country of manufacture _____

(ii) Drawings and Data to be Submitted

- Technical literature on each cable type offered.
- Type test certificates on each cable type offered.

(iii) Cable Data

22kV Cable

Manufacturer	_____
Country of manufacture	_____
Rated voltage	_____ V
Conductor material	_____
Insulation material	_____
Sheath material	_____
Cross sectional area and stranding	_____
Screen type and 3s current rating	_____ kA
Design Standards	_____

415V Cable

Manufacturer	_____
Country of manufacture	_____
Rated voltage	_____ V
Conductor material	_____
Insulation material	_____
Sheath material	_____
Cross sectional area and stranding	_____
Design Standards	_____

Control Cable

Manufacturer	_____
Country of manufacture	_____
Rated voltage	_____ V
Conductor material	_____
Insulation material	_____
Sheath material	_____
Cross sectional area and stranding	_____
Design Standards	_____

Instrument Cable

Manufacturer	_____
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Country of manufacture	_____
Rated voltage	_____ V
Conductor material	_____
Screen type	_____
Insulation material	_____
Sheath material	_____
Cross sectional area and stranding	_____
Design Standards	_____
Fiber Optic Cable	
Manufacturer	_____
Country of manufacture	_____
Inner/Outer core diameter	_____
Sheath material	_____
Fiber Loss	_____
Design Standards	_____
Cable Tray and Ladder	
Manufacturer	_____
Country of manufacture	_____
Material	_____

Bidders Qualification

To establish its qualifications to perform the contract in accordance with Section 3 (Evaluation and Qualification Criteria) the Bidder shall provide the information requested in the corresponding Information Sheets included hereunder. If the bidding was preceded by a prequalification process then the forms included in this section and used earlier during the prequalification process need to be completed only if the information submitted at the time of prequalification requires updating.

Form ELI - 1: Bidder's Information Sheet

Bidder's Information	
Bidder's legal name	
In case of JV, legal name of each partner	
Bidder's country of constitution	
Bidder's year of constitution	
Bidder's legal address in country of constitution	
Bidder's authorized representative (name, address, telephone numbers, fax numbers, e-mail address)	
Attached are copies of the following original documents. <ul style="list-style-type: none"> <input type="checkbox"/> 1. In case of single entity, articles of incorporation or constitution of the legal entity named above, in accordance with ITB 4.1 and 4.2. <input type="checkbox"/> 2. Authorization to represent the firm or JV named in above, in accordance with ITB 22.2. <input type="checkbox"/> 3. In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 4.1. <input type="checkbox"/> 4. In case of a government-owned entity, any additional documents not covered under 1 above required to comply with ITB 4.5. 	

Form ELI - 2: JV Information Sheet

Each member of a JV must fill in this form

JV Information	
Bidder's legal name	
JV Partner's legal name	
JV Partner's country of constitution	
JV Partner's year of constitution	
JV Partner's legal address in country of constitution	
JV Partner's authorized representative information (name, address, telephone numbers, fax numbers, e-mail address)	
Attached are copies of the following original documents.	
<input type="checkbox"/> 1. Articles of incorporation or constitution of the legal entity named above, in accordance with ITB 4.1 and 4.2.	
<input type="checkbox"/> 2. Authorization to represent the firm named above, in accordance with ITB 22.2.	
<input type="checkbox"/> 3. In the case of government-owned entity, documents establishing legal and financial autonomy and compliance with commercial law, in accordance with ITB 4.5.	

Form LIT - Pending Litigation

Each Bidder or member of a JV must fill in this form

Pending Litigation			
<input type="checkbox"/> No pending litigation in accordance with Criteria 2.2 of Section 3 (Evaluation and Qualification Criteria)			
<input type="checkbox"/> Pending litigation in accordance with Criteria 2.2 of Section 3 (Evaluation and Qualification Criteria)			
Year	Matter in Dispute	Value of Pending Claim in US\$ Equivalent	Value of Pending Claim as a Percentage of Net Worth

Form FIN - 1: Financial Situation

Each Bidder or member of a JV must fill in this form

Financial Data for Previous 5 Years [US\$ Equivalent]

Year 1: 2010-2011	Year 2: 2011 - 2012	Year 3: 2012-2013	Year 4: 2013 - 2014	Year 5: 2014 - 2015
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Information from Balance Sheet

Total Assets					
Total Liabilities					
Net Worth					
Current Assets					
Current Liabilities					

Information from Income Statement

Total Revenues					
Profits Before Taxes					
Profits After Taxes					

- ☐ Attached are copies of financial statements (balance sheets including all related notes, and income statements) for the last three years, as indicated above, complying with the following conditions.
- All such documents reflect the financial situation of the Bidder or partner to a JV, and not sister or parent companies.
 - Historic financial statements must be audited by a certified accountant.
 - Historic financial statements must be complete, including all notes to the financial statements.
 - Historic financial statements must correspond to accounting periods already completed and audited (no statements for partial periods shall be requested or accepted).

Form FIN - 2: Average Annual Turnover

Each Bidder or member of a JV must fill in this form

Annual Turnover Data for the Last 3 Years			
Year	Amount Currency	Exchange Rate	US\$ Equivalent
Average Annual Turnover			

The information supplied should be the Annual Turnover of the Bidder or each member of a JV in terms of the amounts billed to clients for each year for contracts in progress or completed, converted to US Dollars at the rate of exchange at the end of the period reported.

Form FIN – 3: Financial Resources

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 Section 3 (Evaluation and Qualification Criteria)

Financial Resources		
No.	Source of financing	Amount (US\$ equivalent)
1		
2		
3		

Form FIN- 4: Current Contract Commitments

Bidders and each partner to a JV should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.

Current Contract Commitments					
No.	Name of Contract	Employer's Contact Address, Tel, Fax	Value of Outstanding Work [Current US\$ Equivalent]	Estimated Completion Date	Average Monthly Invoicing Over Last Six Months [US\$/month]
1					
2					
3					
4					
5					

Form EXP – 1: General Experience

Each Bidder or member of a JV must fill in this form

General Experience				
Starting Month Year	Ending Month Year	Years	Contract Identification and Title Name and Address of Employer Brief Description of the Works Executed by the Bidder	Role of Bidder

Form EXP – 2(a): Specific Experience

Fill up one (1) form per contract.

Contract of Similar Size and Nature		
Contract No of	Contract Identification	
Award Date		Completion Date
Role in Contract	<input type="checkbox"/> Contractor <input type="checkbox"/> Management Contractor <input type="checkbox"/> Subcontractor	
Total Contract Amount	US\$	
If partner in a JV or subcontractor, specify participation of total contract amount	Percent of Total	Amount
Employer's Name Address Telephone/Fax Number E-mail		
Description of the similarity in accordance with Criteria 2.4.2(a) of Section 3		

Form EXP - 2(b): Specific Experience in Key Activities

Fill up one (1) form per contract

Contract with Similar Key Activities		
Contract No of	Contract Identification	
Award Date		Completion Date
Role in Contract	<input type="checkbox"/> Contractor <input type="checkbox"/> Management Contractor <input type="checkbox"/> Subcontractor	
Total Contract Amount	US\$	
If partner in a JV or subcontractor, specify participation of total contract amount	Percent of Total	Amount
Employer's Name Address Telephone Number Fax Number E-mail		
Description of the key activities in accordance with Criteria 2.4.2(b) of Section 3		