

Section 3 - Evaluation and Qualification Criteria

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1. Evaluation

1.1 Technical Evaluation

In addition to the criteria listed in ITB 36.2 (a) – (c) the following factors shall apply:

1.1.1 Understanding and Compliance with requirements

The Bidder's Technical Proposal shall include in sufficient detail a demonstration of a clear understanding of the statement of all areas of work, including operations and maintenance. The bidder shall provide evidence of sufficient planning to show that work will be accomplished as required and on schedule, utilizing all available resources. It will demonstrate a firm understanding of the requirements and goals set forth in the scope of work, address each requirement and goal set forth in the scope of work and provide technical solutions to indicate requirements and goals will be met on schedule.

1.1.2 Soundness of Approach

The Bidder's Technical Proposal must clearly indicate that the bidder has performed adequate planning to accomplish the entire works as defined in the Technical Requirements. It should include a complete plan to accomplish each requirement, including subcontracting. It should demonstrate that appropriate personnel and equipment will be positioned efficiently to carry out the requirements and that the proper level of effort is directed toward each requirement.

1.2 Economic Evaluation

Any adjustments in price that result from the procedures outlined below shall be added, for purposes of comparative evaluation only, to arrive at an "Evaluated Bid Price." Bid prices quoted by bidders shall remain unaltered.

1.2.1 Quantifiable Deviations and Omissions

Pursuant to ITB 32.3, the cost of all quantifiable nonmaterial nonconformities or omissions (minor omissions or missing items) shall be evaluated. The Employer will make its own - assessment of the cost of any nonmaterial nonconformities and omissions for the purpose of ensuring fair comparison of bids.

1.2.2 Time Schedule

Time to complete the plant and services from the effective date specified in Article 3 of the Contract Agreement for determining time for completion of pre-commissioning activities is: 365 days. No credit will be given for earlier completion.

1.2.3 Operating and Maintenance Costs

Not Applicable

1.2.4 Functional Guarantees of the facilities

For the purposes of evaluation adjustments as detailed below will be made to the bid price:-

- For each kW (or part thereof) that the guaranteed power station output is above or below the specified minimum acceptable level:- capitalized over a 20 year period using an energy value of \$0.40c/kWh, a 10% cost of capital and the Contractors guaranteed Availability Factor. For the purposes of this evaluation it will be assumed that the feedstock will be available 100% of the time.

1.2.6 Work, services, facilities, etc., to be provided by the Employer

Where bids include the undertaking of work or the provision of services or facilities by the Employer in excess of the provisions allowed for in the bidding document, the Employer shall assess the costs of such additional work, services and/ or facilities during the duration of the contract. Such costs shall be added to the bid price for evaluation.

1.2.7 Specific additional criteria

The following additional criteria will be used in the evaluation:

Environmental Management Requirements

The bidders will be evaluated on their response to all the environmental design and management requirements as specified in:

- i. Part II Section 6 Part 2.1.1, and
- ii. Part III Section 8 Special Conditions of Contract (SCC)

In addition the bidder is required to provide a short statement that confirms the following three points:

- I. That all the Environmental Management Requirements have been costed into the bid price.
- II. The contractor is to provide prior experience of working with a CEMP.
- III. The contractor is required to provide the name, details of qualifications and experience of the person on the contractor's team who will be responsible for the environmental compliance requirements of the CEMP.

The statement is to be attached to the Bid as part of the Method Statement. During bid evaluation these strengths will be evaluated in the selection of the contractor. Should the contractor not provide these details, the bid will be judged to be non-compliant and the bid rejected.

1.2.8 Domestic Preference

Not Applicable

1.3 Technical Alternatives

Not Applicable

2. Qualification

If the bidding was preceded by a prequalification process then the Bidder and any subcontractors shall continue to meet the criteria used at the time of prequalification and reiterated below.

2.1 Eligibility

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	At Least One Partner	

2.1.1 Nationality

Nationality in accordance with ITB Sub-Clause 4.2.	must meet requirement	must meet requirement	must meet requirement	not applicable	Forms ELI - 1; ELI - 2 with attachments
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2.1.2 Conflict of Interest

No conflicts of interest in accordance with ITB Sub-Clause 4.3.	must meet requirement	must meet requirement	must meet requirement	not applicable	Letter of Bid
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2.1.3 GOS Eligibility

Not having been declared ineligible by GOS, as described in ITB Sub-Clause 4.4.	must meet requirement	must meet requirement	must meet requirement	not applicable	Letter of Bid
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2.1.4 Government-owned Entity

Bidder required to meet conditions of ITB Sub-Clause 4.5.	must meet requirement	must meet requirement	must meet requirement	not applicable	Forms ELI - 1; ELI - 2 with attachments
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2.1.5 UN Eligibility

Not having been excluded by an act of compliance with UN Security Council resolution or Employer's country law in accordance with ITB Sub-Clause 4.7.	must meet requirement	must meet requirement	must meet requirement	not applicable	Letter of Bid
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2.2 Pending Litigation

Criteria	Compliance Requirements			Documents	
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	

2.2.1 Pending Litigation

All pending litigation shall be treated as resolved against the Bidder and so shall in total not represent more than fifty (50) percent of the Bidder's net worth.	must meet requirement by itself or as partner to past or existing JV	not applicable	must meet requirement by itself or as partner to past or existing JV	not applicable	Form LIT - 1
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2.3 Financial Situation

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture		One Partner	Submission Requirements
		All Partners Combined	Each Partner		

2.3.1 Historical Financial Performance

Submission of audited balance sheets and income statements or, if not required by the law of the Bidder's country, other financial statements acceptable to the Employer, for the last 3 years to demonstrate the current soundness of the Bidder's financial position and its prospective long-term profitability. As a minimum, an Bidder's net worth calculated as the difference between total assets and total liabilities should be positive.	must meet requirement	not applicable	must meet requirement	not applicable	Form FIN - 1 with attachments
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2.3.2 Average Annual Turnover

Minimum average annual turnover of US\$ 3.0 million calculated as total certified payments received for contracts in progress or completed, within the last three (3) years.	must meet requirement	must meet requirement	must meet equal share of the requirement	must meet not applicable	Form FIN - 2
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2.3.3 Financial Resources

Using Forms FIN – 3 and FIN - 4 in Section 4 (Bidding Forms) the Bidder must demonstrate access to, or availability of, financial resources such as liquid assets, unencumbered real assets, lines of credit, and other financial means, other than any contractual advance payments to meet: (1) the following cash-flow requirement, US\$0.3 Million , and (2) the overall cash flow requirements for this contract and its current works commitment.	must meet requirement	must meet requirement	must meet equal share of the requirement	must meet not applicable	Form FIN - 3
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2.4 Experience

Criteria	Compliance Requirements				Documents
	Single Entity	Joint Venture			Submission Requirements
All Partners Combined		Each Partner	One Partner		

2.4.1 General Experience

Experience under contracts in the role of contractor, subcontractor, or management contractor for at least the last five (5) years prior to the bid submission deadline.	must meet requirement	not applicable	must meet requirement	not applicable	Form EXP - 1
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2.4.2 Specific Experience

(a) Contracts of Similar Size and Nature

Participation as contractor, management contractor, or subcontractor, in at least three (3) contracts within the last ten (10) years, each with a value of at least US\$1.0 million that have been successfully or are substantially completed and that are similar to the proposed plant and services. The similarity shall be based on the physical size, complexity, methods, technology or other characteristics as described in Section 6 (Employer's Requirements)	must meet requirement	must meet requirement	not applicable	not applicable	Form EXP - 2(a)
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(b) Experience in Key Activities (May be complied by specialist subcontractors. Employer shall require evidence of subcontracting agreement from the Bidder.)

For the above or other contracts executed during the period stipulated in 4.2(a) above, a minimum experience in the following key activities:	must meet all requirements	must meet all requirements	not applicable	not applicable	Form EXP - 2(b)
Successful completion of manufacture, supply, installation, testing and commissioning of a Biomass Gasification System (Biomass Drying Unit, Gasifier, Gas Cleaning System, Syngas Engine, Generator, Exhaust Stack Unit) for a project similar in size of that proposed					Form EXP - 2(b)
Successful completion of the design, manufacture, supply and installation, testing and commissioning of Control/Protection system for a project similar in size to that proposed.					Form EXP - 2(b)
Successful completion of construction of at least 1 (one) Power Generation Facility					Form EXP - 2(b)

2.5 Personnel

The Bidder must demonstrate that it has the personnel for the key positions that meet the following requirements:

No.	Position	Minimum Nos Required	Total Work Experience [years]	Experience In Similar Work [years]
1	Project Manager	1	10	8
	DESIGN			
2	Gasifier Designer/Expert	1	10	8
3	Civil Engineer	1	10	8
4	Electrical Engineer	1	10	7
5	Mechanical Engineer (Heavy Industry)	1	10	7
6	Control Systems Engineer	1	10	7
	CONSTRUCTION			
7	Construction Manager	1	15	10
8	Mechanical Engineer (Heavy Industry)	1	10	7
9	Electrical Engineer	1	10	7
10	Environmental, Occupational Health and Safety Officer	1	8	4
11	Quality Control Engineer	1	8	4

The Bidder shall provide details of the proposed personnel and their experience records in the relevant Information Forms included in Section 4 (Bidding Forms).

2.6 Equipment

The Bidder shall provide further details of proposed items of equipment using the relevant Form in Section 4 (Bidding Forms)

2.7 Subcontractors

Subcontractors/manufacturers for the following major items of supply or services must meet the following minimum criteria, herein listed for that item. Failure to comply with this requirement will result in rejection of the subcontractor.

Item No.	Description of Item	Minimum Criteria to be met
1	Manufactures of each main equipment listed in Section 4 Price Schedules	Manufacturers shall have a minimum of twenty (20) years successful experience in manufacturing comparable equipment, of size, rated voltage and capacity, to the equipment offered under the contract. With respect to the main equipment's offered under this bid, the bidder shall ensure that equipment identical in design had been in service for a minimum period of five years.
2	Design of Similar Project works [including all civils works, mechanical works and electrical works]	Ten (10) years experience in similar works.
3	Construction of Civil works	Ten (10) years experience in similar works.
4	Mechanical equipment – refurbishment, installation, testing and commissioning	Ten (10) years experience in similar works.
5	Electrical equipment – refurbishment, installation, testing and commissioning	Ten (10) years experience in similar works.
6	Project Management	Ten (10) years experience in similar works.

In the case of a Bidder who offers to supply and install major items of supply under the contract that the Bidder did not manufacture or otherwise produce, the Bidder shall provide the manufacturer's authorization, using the form provided in Section 4 (Bidding Forms), showing that the Bidder has been duly authorized by the manufacturer or producer of the related plant and equipment or component to supply and install that item in the Employer's country. The Bidder is responsible for ensuring that the manufacturer or producer complies with the requirements of ITB 4 and 5 and meets the minimum criteria listed above for that item.