

Section 3 - Evaluation and Qualification Criteria

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1. Evaluation

1.1 Technical Evaluation

In addition to the criteria listed in ITB 34.1 (a)–(b), other relevant factors are as follows:

Evaluation of the Bidder's Technical Proposal will include an assessment of the Bidder's technical capacity to mobilize key equipment and personnel for the contract 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 (Employer's Requirements).

Non-compliance with equipment and personnel requirements described in Section 6 (Employer's Requirements) shall not normally be a ground for bid rejection and such non-compliance will be subject to clarification during bid evaluation and rectification prior to contract award.

1.2 Alternative Technical Solutions

Technical alternatives, if permitted under ITB 13.4, will be evaluated as follows: Not Applicable

1.3 Economic Evaluation

In addition to the criteria listed in ITB 39.2 I (a)–(f), other relevant factors are as follows:

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.

1.3.1 Quantifiable Deviations and Omissions

"Pursuant to ITB 33.3, the cost of all quantifiable nonmaterial nonconformities or omissions from the contractual and commercial conditions 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."

1.3.2 Time Schedule

Time to complete the plant and services from the effective date specified in Article 3 of the Contract Agreement for determining the time for completion of pre-commissioning activities is: 900 Days. No credit will be given for earlier completion.

Bids offering a completion date beyond the maximum designated period of 900 days shall be rejected.



1.3.3 Operating and Maintenance (O&M) Costs Not Applicable

The O&M cost factors for calculating the life cycle cost are as follows:

None

1.3.4 Functional Guarantees of the Facilities

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.

Loss capitalization: When evaluating the individual bid received from various Bidders, the loss of power/auto transformer and station transformer & Reactor shall be capitalized at the rate specified below:

- a. Transformer loss
 - (i) Value of No Load Loss = US\$ 4684 per KW
 - (ii) Value of Load Loss = US\$ 1180 per KW
 - (iii) Loss associated with cooling fan load = US\$ 393 per kW
- b. Reactor loss
 - (i) Value of No Load Loss = Not Applicable
 - (ii) Value of Load Loss = US\$ 1180 per KW
 - (iii) Loss associated with cooling fan load = US\$ 393 per kW

The Bidder shall furnish guaranteed no load and full load loss value at rated full load capacity of the transformers along with the bid for all rating of power and station transformers. *Failure to submit the Loss figures may result in rejection of the bid.*

1.3.5 Work, Services, Facilities, etc., to Be Provided by the Employer

Employer will not provide any work, Services, Facilities, etc. in excess of the provisions allowed for in the Bidding Document. Any bid including such excessive provisions by Employer may result in rejection of the bid."

1.3.6 Specific Additional Criteria

The following additional criteria will be used in the evaluation:

NONE

1.3.7 Domestic Preference

Domestic preference will be granted to eligible domestically produced Plant and Equipment in accordance with the following provisions:

- (a) The preference margin shall not be applied to the whole facility but only to the eligible domestically produced Plant and Equipment within the contract.

- (b) Plant and Mandatory Spare Parts supplied from abroad shall be quoted CIP (Section 4, Bidding Forms, Schedule No. 1) and Plant and Mandatory Spare Parts supplied from within the Employer's country shall be quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable) free of sales and similar taxes (Section 4, Bidding Forms, Schedule No. 2).
- (c) All other cost components for services and works such as costs for design, local handling, transportation, storage, installation, and commissioning shall be quoted separately (Section 4, Bidding Forms, Schedule No. 3 - Design Services and Schedule No. 4 - Installation and Other Services).
- (d) In the comparison of Bids, only the CIP price component of each Bid for the Plant and Equipment offered from outside the Employer's country shall be increased by 15%.
- (e) No domestic preference shall be applied to any of the services or works included in the contract.
- (f) Bidders shall not be permitted or required to modify the mix of local and foreign Plant and Equipment after bid opening.

1.4 Multiple Contracts

Not Applicable



2. Qualification

2.1 Eligibility

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

2.1.1 Nationality

Nationality in accordance with ITB Subclause 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 Subclause 4.3.	must meet requirement	must meet requirement	must meet requirement	not applicable	Letter of Technical Bid
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2.1.3 ADB Eligibility

Not having been declared ineligible by ADB, as described in ITB Subclause 4.4.	must meet requirement	must meet requirement	must meet requirement	not applicable	Letter of Technical Bid
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2.1.4 Government-Owned Enterprise

Bidder required to meet conditions of ITB Subclause 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 United Nations Eligibility

Not having been excluded by an act of compliance with a United Nations Security Council resolution in accordance with ITB Subclause 4.8.	must meet requirement	must meet requirement	must meet requirement	not applicable	Letter of Technical Bid
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2.2 Historical Contract Non-Performance

2.2.1 History of Non-Performing Contracts

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
Non-performance of a contract did not occur as a result of contractor default since 1st January 2019	must meet requirement	must meet requirements	must meet requirement	not applicable	Form CON-1

2.2.2 Suspension Based on Execution of Bid-Securing Declaration

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
Not under suspension based on execution of a Bid Securing Declaration pursuant to ITB 4.6.	must meet requirement	must meet requirement	must meet requirement	not applicable	Letter of Technical Bid

2.2.3 Pending Litigation and Arbitration

Pending litigation and arbitration criterion shall not apply.

2.3 Financial Situation

2.3.1 Historical Financial Performance

Criteria	Compliance Requirements			Documents	
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
Submission of audited financial statements or, if not required by the law of the Bidder's country, other financial statements acceptable to the Employer, for the last 3 (three) years to demonstrate the current soundness of the Bidder's financial position. As a minimum, the Bidder's net worth for the last year 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

2.3.2 Average Annual Turnover

Criteria	Compliance Requirements			Documents	
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
Minimum average annual turnover of US \$ 43.5 Million calculated as total certified payments received for contracts in progress or completed, within the last 3 (Three) years.	must meet requirement	must meet requirement	must meet 25% of the requirement	must meet 40% of the requirement	Form FIN - 2



2.3.3 Financial Resources

Criteria Requirement	Compliance Requirements				Documents Submission Requirements
	Single Entity	Joint Venture			
		All Partners Combined	Each Partner	One Partner	
For Single Entities: The Bidder must demonstrate that its financial resources defined in FIN - 3, less its financial obligations for its current contract commitments defined in FIN - 4, meet or exceed the total requirement for the Subject Contract of US\$ 6.70 Million.	must meet requirement	not applicable	not applicable	not applicable	Form FIN – 3 and Form FIN - 4
For Joint Ventures: (1) One partner must demonstrate that its financial resources defined in FIN - 3, less its financial obligations for its own current contract commitments defined in FIN - 4, meet or exceed its required share of US\$ 2.70 Million from the total requirement for the Subject Contract. AND	not applicable	not applicable	not applicable	must meet requirement	Form FIN – 3 and Form FIN - 4
(2) Each partner must demonstrate that its financial resources defined in FIN - 3, less its financial obligations for its own current contract commitments defined in FIN - 4, meet or exceed its required share of US\$ 1.70 Million from the total requirement for the Subject Contract. AND	not applicable	not applicable	must meet requirement	not applicable	Form FIN – 3 and Form FIN - 4
(3) The joint venture must demonstrate that the combined financial resources of all partners defined in FIN - 3, less all the partners' total financial obligations for the current contract commitments defined in FIN - 4, meet or exceed the total requirement for the Subject Contract of US\$ 6.70 Million	not applicable	must meet requirement	not applicable	not applicable	Form FIN – 3 and Form FIN - 4

2.4 Bidder’s Experience

2.4.1 Contracts of Similar Size and Nature

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
Participation as a contractor, JV partner, or subcontractor, in at least 2 (two) contracts that have been successfully or substantially completed within the last 10 (Ten) years and that are similar to the proposed contract, where the value of the Bidder’s participation under each contract exceeds US\$ 43 Million each. The similarity of the Bidder’s participation shall be based on design, supply, installation and commissioning of 400 kV or above voltage class Gas Insulated Substation (GIS) with minimum 7 (Seven) No. of GIS Bays. <i>Out of the two contracts, one should have been executed outside the Bidder’s home country.</i>	must meet requirement	must meet requirement as follows: Either one partner must meet requirement Or any two partners must each demonstrate one (1) successfully or substantially completed design, supply, installation and commissioning of 400 kV or above voltage class GIS substation with minimum 7 (Seven) No. of GIS Bays having contract value not less than US \$ 43 Million.	Must have completed or substantially completed one contract of design, supply, installation and commissioning of 400 kV or above voltage class Gas Insulated Substation (GIS) Substation within last 10(ten) years with the Partner’s participation not less than US\$ 10.75 Million	not applicable	Form EXP - 1

2.4.2 Experience in Key Activities

2.4.2(a) Must be complied with by the Bidder. In case of a Joint Venture Bidder, at least one of the partners must meet the requirement in the key activity.

Table A

Criteria	Compliance Requirements		Documents
Requirement	Single Entity	Joint Venture	Submission Requirements
For the above or other contracts executed during the period stipulated in 2.4.1, a minimum experience in the following key activities:	must meet requirement	must meet requirement	Form EXP – 2



<p>The Bidder must have executed Installation and commissioning of two numbers of 400kV or higher voltage class Power/Auto Transformers with a minimum capacity of three phase 315 MVA or Two sets(six numbers) of single phase transformer bank each single phase transformer with minimum capacity of 105 MVA within last 10(ten) years period.</p>			
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NOTE: To substantiate the above qualification, the Bidder must submit certificate (notarized) from clients (end-user certificates) for all number of projects specified as above clearly indicating the contract amount, project size, scope of work. The bidder is required to submit the notarized translation of the copy, if the document submitted is in language other than bidding language.

2.5 Subcontractors

Subcontractors or Manufacturers for the following major items of plant and services must meet the following minimum qualification criteria, herein listed for a subcontractor for that item. Failure to comply with this requirement will result in rejection of the subcontractor but not the Bidder.

Item No.	Description of Item	Minimum Criteria to be met	Documents Submission Requirements
1	Power Transformer (400 kV or higher voltage class)	<p>i) Must have manufacturing experience of at least 7 (Seven) years.</p> <p>ii) Must have successfully completed the design, manufacture & supply of 400 kV or higher voltage class, power/Auto transformer of three phase 315 MVA or above capacity (or equivalent capacity in banks of 3 single phase units), at least twice the bid quantity as a main supplier over last seven (7) years period ending on the last date of bid submission and same shall have been in satisfactory operation for at least 2 (two) years as on the date of bid opening.</p> <p>iii) Must hold a valid ISO 9001:2000 (including design in scope of registration) certifications.</p> <p>iv) Must have successfully carried out the complete type test including Dynamic Short Circuit (DSC) test as per IEC over last 10 years period as on the originally scheduled date of bid opening in Short-Circuit Testing Liaison (STL) - Accredited Laboratory on : - 400 kV voltage class, three phase 315 MVA (or single phase 3 X 105 MVA) Transformer (a) However, IF the Bidder/Manufacturer has not conducted the complete type tests including DSC in Short-Circuit Testing Liaison (STL) - Accredited Laboratory THEN the bidder has to submit undertaking letter along with bid to carry out the complete type test on the above mentioned ratings of transformers including DSC in Short-Circuit Testing Liaison (STL)-Accredited Laboratory without any extra cost to the employer. (b) However, IF the Bidder/Manufacturer has conducted the type test including DSC in STL but it is beyond the 10 years as on the date of bid opening and or of the higher rating of Transformer THEN the bidder has to submit undertaking letter along with bid to carry out the complete type test on the above mentioned ratings of transformers including DSC in Short-Circuit Testing Liaison (STL)-Accredited Laboratory or in NABL Accredited Laboratory witnessed by - authorized STL and NEA authorized representatives without any extra cost to the Employer.</p>	<p>Form EXP-3</p> <p>Bidder(s) must submit all the necessary documents required to prove the above specified legal status, Valid ISO Certificate, experience certificate, eligibility requirements (substantiated by end users certificate) and type test report.</p> <p>2. For Equipment proposed from the preferred list as per Annexure , the bidder need not submit the qualification document, except the Authorization certificate. For equipment from manufacturer other than the preferred list, the bidder must submit all qualification documents for the manufacturer.</p>
2	GIS (400 kV voltage class)	<p>i) Must have manufacturing experience of at least 7(Seven) years.</p> <p>ii) Must have designed, manufactured and supplied GIS Switchgears 400 kV or higher voltage class (Circuit Breaker, Disconnectors, Grounding Switches, Instrument Transformers, SF6/Air & Oil Bushing etc;). at least twice the bid quantity as a main supplier over last seven (7) years period ending on the last date of bid submission. Out of supplied quantity, a minimum of half the bid quantity shall have been in operation</p>	



		<p>satisfactorily to the end users for at least two (2) years.</p> <p>iii) Must hold a valid ISO 9001:2000 (including design in scope of registration) certifications.</p> <p>iv) Must have successfully carried out the complete type test as per IEC over last 10 years period as on the originally scheduled date of bid opening in Short-Circuit Testing Liaison (STL) – Accredited Laboratory on 400 kV voltage class GIS Switchgears (Circuit Breaker, Disconnecter, Grounding Switches, Instrument Transformers, SF6/Air & Oil Bushing etc.);.</p> <p>However if the manufacturer has not conducted complete type tests in Short-Circuit Testing Liaison (STL)–Accredited Laboratory over last Ten (10) years as on the originally scheduled date of bid opening, bidder has to submit undertaking letter along with bid to carry out the complete type test in Short-Circuit Testing Liaison (STL) – Accredited Laboratory from offered Manufacturer without any extra cost to Employer.</p>	
3	Control and Relay panel including Substation Automation System (SAS)	<p>i) Must have manufacturing experience of at least 5 (Five) years.</p> <p>ii) Must have successfully completed the supply of control & relay panel, at least twice the bid quantity as a main supplier over last five (5) years period ending on the last date of bid submission. Out of supplied quantity, a minimum of half the bid quantity shall have been in operation satisfactorily to the end users for at least One (1) year.</p> <p>iii) Must hold a valid ISO 9001:2000 (including design in scope of registration) certifications.</p> <p>iv) Must have successfully carried out the complete type test as per IEC over last 7 years period as on the originally scheduled date of bid opening in Reputed Independent Accredited Testing Laboratory.</p>	
4	Reactors(400 kV or higher voltage class)	<p>i) Must have manufacturing experience of at least 5 (Five) years.</p> <p>ii) Must have successfully completed the supply of 400 kV or above voltage class Reactor of at least twice the bid quantity as a main supplier over last five (5) years period ending on the last date of bid submission. Out of supplied quantity, a minimum of half the bid quantity shall have been in operation satisfactorily to the end users for at least One (1) year.</p> <p>iii) Must hold a valid ISO 9001:2000 (including design in scope of registration) certification.</p> <p>iv) Must have successfully carried out the complete type test as per IEC over last 10 years period as on the originally scheduled date of bid opening in Reputed Independent International Accredited Testing Laboratory.</p>	
5	XLPE Power Cable (220 kV or higher voltage class)	<p>i) Must have manufacturing experience of at least 5 (Five) years.</p> <p>ii) Must have successfully completed the supply of 220 kV or above voltage Class XLPE copper cable of at least twice the bid quantity as a main supplier over last five (5) years period ending on the last date of bid submission. Out of supplied quantity, a minimum of half the bid quantity shall have been in operation satisfactorily to the end users for at least One (1) year.</p> <p>iii) Must hold a valid ISO 9001:2000 (including design in</p>	

		scope of registration) certification. iv) Must have successfully carried out the complete type test as per IEC over last 7 years period as on the originally scheduled date of bid opening in Reputed Independent Accredited Testing Laboratory.	
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		scope of registration) certifications. iv) Must submit the type test report carried out by reputed independent testing laboratory.	
6	Communication Equipment	<ul style="list-style-type: none"> i. Must have manufacturing experience of at least 5 (Five) years. ii. Must have successfully completed the supply of at least twice the bid quantity as a main supplier over last five (5) years period ending on the last date of bid submission. Out of supplied quantity, a minimum of half the bid quantity shall have been in operation satisfactorily to the end users for at least One (1) year. iii. Must hold a valid ISO 9001:2000 (including design in scope of registration) certification. iv. Must submit the type test report carried out by reputed independent testing laboratory. 	

In the case of a Bidder who offers to supply and install major items of plant under the contract, which 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. Failure to submit the Manufacturer's authorization at the first instance is considered a minor, nonmaterial omission and shall be subjected to clarification. However, failure to submit the omitted authorization within ten (10) days after receiving the Employer's notice may lead to rejection of the Subcontractor or Manufacturer of the item under evaluation in accordance with ITB 35.4.

If the bidder submits the type test report of higher rated equipment, the bidder must provide the commitment that the type test will be performed without any extra cost to employer.

NOTE: To substantiate the above qualification, the Bidder must submit certificate (notarized) from clients (end-user certificates) for all number of projects. The bidder is required to submit the notarized translation of the copy, if the document submitted is in language other than bidding language.

