

Addendum-1

Clarification on

"Procurement of Supply, Installation, Testing and Commissioning of Unit Transformer & Other Equipment including Required Integration Works with Existing Systems for Start-up of Gas Turbine-2 of Shahjibazar 330MW CCPP, BPPDB, Hobiganj, Sylhet, Bangladesh on Turnkey Basis."

Tender Reference No.: 27.11.0000.304.24.328.24, DATED: 25-04-2024

Sl No.	Reference No./ Clause No.	Tender Document Clause	Tenderer's Queries/ Clarification	BPPDB's Comments/ Amended as
1.	Section 2. Tender Data Sheet, ITT 17.1	The Tenderer shall own or have proven access to hire or lease of the major equipment, in full working order as follows: As required to perform the work as mentioned in Section-7, General Specification.	<b>Description:</b> The Tenderer shall own or have proven access to hire or lease of the major equipment, in full working order as follows: As required to perform the work as mentioned in Section-7, General Specification. <b>Bidder's Query:</b> In Section-7, we didn't find any requirement for Equipment. Please clarify, what kind of equipment should we consider. As per our understanding a declaration letter regarding equipment for precise completion of the project will be good enough. Please confirm our understanding is correct.	<b>BPPDB's Comment:</b> As per Tender Document (equipment requirements are for the completion of the full work).
2.	Section 5. Price Schedule No. 1- Plant and Mandatory Spare Parts Supplied from Abroad & Section-6. Employer's Requirement Sub-Clause No. 6.1.2 Scope of Supply	Line Item No. 4 (I): 230KV Circuit Breaker; Quantity: 1 Set (03 Pcs)	<b>Description:</b> It is mentioned 230KV Circuit - Set(03 Pcs) - 1 <b>Bidder's Query:</b> It's not clear. As per our understanding the requirement is for 01 Set and 03 Pcs means 03 Phases. Please confirm our understanding is correct.	<b>Amended as:</b> Line Item No. 4 (I): 230KV Circuit Breaker; Quantity: 1 Set (03 Phases)
3.	Section 4. Particular Conditions of Contract, Sub-Clause No. GCC	Pre-delivery inspection and/or Witnessing of the manufacturing process and tests of the equipment at manufacturer's works	<b>Description:</b> Group A: CT Step Up Transformer & 230 kV Circuit Breaker	<b>BPPDB's Comment:</b> As per Tender Document (Inspection

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SI No.	Reference No./ Clause No.	Tender Document Clause	Tenderer's Queries/ Clarification	BPDB's Comments/ Amended as
	38.1:	including transfer of technical know-how.	<p>Group B: For Generator Circuit Breaker, Transformer-Generator Protection System &amp; Mobile Oil Station (Transformer Oil Centrifuge machine)</p> <p><b>Bidder's Query:</b> Suppose, if the bidder supplies GT Step Up Transformer from China, and supplies 230 kV Circuit Breaker from Europe, how will same group (Group A) conduct/manage FAT for different equipment in different countries? Please clarify</p>	should be done at every manufacturer's premises).
4.	Section 6. Employer's Requirement; 6.1.3 Scope of Works, A. Dismantling, Installation, Testing and Commissioning of 14.5/230kV 182MVA Unit/Main Transformer including but not limited to following works (Page 207)	XV. Installation and Commissioning work of NGR.	<p><b>Description:</b> XV. Installation and Commissioning work of NGR.</p> <p><b>Bidder's Query:</b> Please clarify who will supply the NGR. As per our understanding BPDB will supply the NGR. Please confirm our understanding is correct.</p>	<p><b>Amended as:</b> <b>To be deleted:</b> XV. Installation and Commissioning work of NGR.</p>
5.	Section 6. Employer's Requirement; 6.1.3 Scope of Works (Page 210)	K. Repair and Testing work fire fighting system of Gas Turbine-2 Package and transformer Area.	<p><b>Description:</b> K. Repair and Testing work fire fighting system of Gas Turbine-2 Package and transformer Area.</p> <p><b>Bidder's Query:</b> Please clarify who will supply the Fire Fighting System Equipment. As per our understanding BPDB will supply the Fire Fighting System Equipment. Please confirm our understanding is correct.</p>	<p><b>BPDB's Comment:</b> Tenderer shall have to perform the Scope of works as mentioned in Section 6. Employer's Requirement. Necessary spare parts will be provided by BPDB.</p>

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6.	Section 6, Employer's Requirement Sub-Clause No. 6.1.3 Scope of Works. (Page 210)	M. Pre-startup checkup of Gas Turbine-2, Steam Turbine, Steam Turbine Generator, HRSG-2.	<p><b>Description:</b> M. Pre-startup checkup of Gas Turbine-2, Steam Turbine, Steam Turbine Generator, HRSG-2</p> <p><b>Bidder's Query:</b> As per our understanding during the Pre-startup checkup, inspection and testing, Start-up, Restart, and Test Run, if any component(s) supply are required for Gas Turbine, Gas Turbine Generator, Steam Turbine, Steam Turbine Generator, HRSG, then BPDB will supply those component(s). Please confirm our understanding is correct.</p> <p><b>Description:</b> iv. The duration of the training shall be 28 man-days. vi. The Contractor shall have to pay 1000 tk/trainee/ day during the on job training.</p> <p><b>Bidder's Query:</b> The number of trainee per day is not mentioned here. Please mention the number of trainee.</p>	<p><b>BPDB's Comment:</b> Tenderer shall have to perform the Scope of works as mentioned in Section 6. Employer's Requirement. Tenderer shall have to arrange all necessary Testing equipment &amp; tools to checkup the system mentioned in Section 6. Employer's Requirement. If any component(s) supply are required for GT, GTG, ST, STG &amp; HRSG, BPDB will supply those component(s).</p>
7.	Section 6, Employer's Requirement Sub-Clause No. 6.1.4, (Page 211)	On Job Training for Employer's Staff	<p><b>Description:</b> N.B. 2. Manufacturer's Name/ Model/ Part Nos./ Drawing Nos./ Serial Nos./ Country of Origin and any other reference Nos. are mentioned as reference only except Generator Switchgear Circuit Breaker, 230 kV Circuit Breaker, Mobile oil station (Transformer Oil Centrifuge Machine) &amp; Relays.</p> <p><b>Bidder's Query:</b> Please clarify whether we have to provide the</p>	<p><b>BPDB's Comment:</b> As per Tender Document (Total duration is 28 man-days).</p>
8.	Section 6, Employer's Requirement Sub-Clause No. 6.1.2 Scope of Supply, (Page 206)	<p>N.B</p> <p>2. Manufacturer's Name/ Model/ Part Nos./ Drawing Nos./ Serial Nos./ Country of Origin and any other reference Nos. are mentioned as reference only except Generator Switchgear Circuit Breaker, 230 kV Circuit Breaker, Mobile oil station (Transformer Oil Centrifuge Machine) &amp; Relays.</p>	<p><b>Description:</b> N.B. 2. Manufacturer's Name/ Model/ Part Nos./ Drawing Nos./ Serial Nos./ Country of Origin and any other reference Nos. are mentioned as reference only except Generator Switchgear Circuit Breaker, 230 kV Circuit Breaker, Mobile oil station (Transformer Oil Centrifuge Machine) &amp; Relays.</p> <p><b>Bidder's Query:</b> Please clarify whether we have to provide the</p>	<p><b>BPDB's Comment:</b> For Generator Switchgear Circuit Breaker, 230 kV Circuit Breaker, Mobile oil station (Transformer Oil Centrifuge Machine) &amp; Relays, Tenderer(s) are instructed to follow the GTP &amp; Clause No. Section-2. Tender Data Sheet Sub-Clause No. FTT 24.2(0)(5).</p>

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9.	<p>Section 4, Particular Conditions of Contract Sub-Clause No. GCC 24.1 and</p> <p>Section 6, Employer's Requirement Sub-Clause No. 6.1.7 Completion Time</p>	<p>The time for completion of the whole of the facilities within <b>480 (four hundred eighty)</b> days from the effective date as described in the contract agreement.</p>	<p>above mentioned equipment (Generator Switchgear Circuit Breaker, 230 kV Circuit Breaker, Mobile oil station &amp; Relays) from the same existing manufacturer and model as mentioned in the tender document, or we can offer equivalent manufacturer and model. Because in the GTPs of these equipment, the manufacturer's name and model are clearly mentioned as "or equivalent".</p> <p><b>Description:</b> The time for completion of the whole of the facilities within 480 (four hundred eighty) days from the effective date as described in the contract agreement.</p> <p><b>Bidder's Query:</b> Considering the major substation equipment (GCB, 230kV SF6 Circuit Breaker, Relays) sourced from EU countries, please note that the lead times of these factories are currently quite long and they are overbooked. This is largely due to the post-Covid socio-economic situation and the Russia-Ukraine war. Based on the above information we understand that the given project completion time is not sufficient. So we request you to extend the project completion time by at least 720 days.</p>	<p><b>Amended as:</b> The time for completion of the whole of the facilities within <b>540 (five hundred forty) days</b> from the effective date as described in the contract agreement.</p>
10.	Guaranteed Technical Particular (GTP) (Page 184)	(5) 230kV Bus PT Specifications: 10. Rated Total Capacitance: 500 pF		<p><b>Amended as:</b> (5) 230kV Bus PT Specifications: 10. Rated Total Capacitance: 5000 pF</p>
11.	Guaranteed Technical Particular (GTP) (Page 185)	(6) 230kV Incoming Line PT Specifications: 8. Rated Total Capacitance: 500 pF		<p><b>Amended as:</b> (6) 230kV Incoming Line PT Specifications: 8. Rated Total Capacitance: 5000 pF</p>

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12.	Guaranteed Technical Particular (GTP) (Page 186)	(7) 230kV Outgoing Feeder PT Specifications: 8. Rated Total Capacitance: 500 pF		Amended as: (7) 230kV Outgoing Feeder PT Specifications: 8. Rated Total Capacitance: 5000 pF
13.	Section 6. Employer's Requirement Sub-Clause No. 6.1.2 Scope of Supply	Item S/N: 3. 14.5 kV Isolated phase solid Copper Bus Duct Accessories: i) Auxiliary Branch Circuit IPB - QLFM-14.5/1250A, 0550x5/0100x8: Quantity - 5 meter		Amended as: Item S/N: 3. 14.5 kV Isolated phase solid Copper Bus Duct Accessories: i) Auxiliary Branch Circuit IPB - QLFM-14.5/1250A, 0550x5/0100x8: Quantity - 5 meter/ phase
14.	Section 6. Employer's Requirement Sub-Clause No. 6.1.3 Scope of Works, B. Installation, Testing & Commissioning of New Generator Circuit Breaker System for GT-2 including but not limited to following works (Page 210)	x. Status Check, Characteristic test, Functional test of all protective Relay, Control and Monitoring equipment (DCS and Mark-iv) and communication System to control room.		Amended as: x. Status Check, Characteristic test, Functional test of all protective Relay, Control and Monitoring equipment (DCS and Mark-VIe) and communication System to control room.

  
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