

**Clarification No II dated 03/12/2024 to the Bidding Document for**

**RECONDUCTORING PACKAGE OH01 including upgradation of bays for a) Reconductoring of Kahalgaon (NTPC)- Farraka (NTPC) 400KV D/c (Twin Moose) line with Twin HTLS conductor (with ampacity of single HTLS as 1228A)-190Ckm b) Upgradation of associated 400Kv bay equipment at Kahalgaon (NTPC) c) Upgradation of associated 400Kv bay equipment at Farraka (NTPC) under “Eastern Region Expansion Scheme-43 (ERES 43)”. Specification Nos.: CC/NT/W-COND/DOM/A00/24/14483**

S.No	Clause Ref No	Description in Bidding documents	Clarification raised by the Bidder	POWERGRID's Reply
1	GCC Clause No -30.1 (b) of Vol-1 of Bidding Documents	30.1.b. Erection All Risk Policy/ Contractor All Risk Policy: (I) The policy should cover all physical loss or damage to the facility at site during storage, erection and commissioning covering all the perils as provided in the policy as a basic cover and the add on covers as mentioned at Sl. No. (III) below. (II) The Contractor shall take the policy in the joint name of Employer and the Contractor. All these policies shall indicate Employer as the beneficiary. The policy shall be kept valid till the date of the Operational Acceptance of the project and the period of the coverage shall be determined with the approval of the Employer. If the work is completed earlier than the period of policy considered, the Contractor shall obtain the refund as per provisions of the policy and pass on the benefit to Employer. In case no refund is payable by the insurance company then the certificate to that effect shall be submitted to Employer at the completion of the project. (III) The following add-on covers shall also be taken by .....	30.1.b. Erection All Risk Policy/ Contractor All Risk Policy: (I) The policy should cover all physical loss or damage to the facility at site during storage, erection and commissioning and <b>De-erected conductor &amp; hardware</b> covering all the perils as provided in the policy as a basic cover and the add on covers as mentioned at Sl. No. (III) below. (II) The Contractor shall take the policy in the joint name of Employer and the Contractor. All these policies shall indicate Employer as the beneficiary. The policy shall be kept valid till the date of the Operational Acceptance of the project and the period of the coverage shall be determined with the approval of the Employer. If the work is completed earlier than the period of policy considered, the Contractor shall obtain the refund as per provisions of the policy and pass on the benefit to Employer. In case no refund is payable by the insurance company then the certificate to that effect shall be submitted to Employer at the completion of the project. (III) The following add-on covers shall also be taken by .....	<p>Provisions of the bidding documents are amply clear and shall remain unchanged.</p> <p>Bidder needs to take the requisite insurance inter-alia including ‘Erection All Risk Policy’/ ‘Contractor All Risk Policy’ for the scope of work for the subject package complete in all respect.</p>

**Clarification No II dated 03/12/2024 to the Bidding Document for**

**RECONDUCTORING PACKAGE OH01 including upgradation of bays for a) Reconductoring of Kahalgaon (NTPC)- Farraka (NTPC) 400KV D/c (Twin Moose) line with Twin HTLS conductor (with ampacity of single HTLS as 1228A)-190Ckm b) Upgradation of associated 400Kv bay equipment at Kahalgaon (NTPC) c) Upgradation of associated 400Kv bay equipment at Farraka (NTPC) under "Eastern Region Expansion Scheme-43 (ERES 43)". Specification Nos.: CC/NT/W-COND/DOM/A00/24/14483**

2	1.3.7, Section-IA, Technical Specification  &  1.3.8, Section-IA, Technical specification	<p>Permissible wastage of Hardware fittings except clamps/insulators (for returnable quantity only), suspension clamps &amp; conductor accessories viz. vibration dampers &amp; spacers, existing in the line, towards damage/ handling during de-stringing/ dismantling shall not be more than 2% of the total quantity of above items in the line.</p> <p>Permissible wastage of existing conductor/earthwire(if applicable) towards damage/handling during destringing/ dismantling, variation from nominal unit weight etc. shall not be more than 2% of the total quantity of conductor/earthwire in the line as below:  Quantity of Conductor = Line Length* as per detailed survey x 3 (for 3 phases) x no. of conductor per bundle x 2 (for Double Circuit Line)/ 1 (for Single Circuit Line)  Quantity of Earthwire = Line length* as per detailed survey x nos. of earthwire  *For calculation of conductor &amp; Earth wire in hilly stretches, inclined distance between the towers may be considered instead of horizontal distance (considered for line</p>	<p>1.3.7 Permissible wastage of Hardware fittings except clamps/insulators (for returnable quantity only), suspension clamps &amp; conductor accessories viz. vibration dampers &amp; spacers, existing in the line, towards damage/ handling during de-stringing/ dismantling shall not be more than <del>2%</del> 4% of the total quantity of above items in the line. 1.3.8 Permissible wastage of existing conductor/earth wire (if applicable) towards damage/handling during de-stringing/dismantling, variation from nominal unit weight etc. shall not be more than <del>2%</del> 4% of the total quantity of conductor/earth wire in the line as below  Quantity of Conductor = Line Length* as per detailed survey x 3 (for 3 phases) x no. of conductor per bundle x 2 (for Double Circuit Line)/ 1 (for Single Circuit Line)  Quantity of Earthwire = Line length* as per detailed survey x nos. of earthwire  *For calculation of conductor &amp; Earth wire in hilly stretches, inclined distance between the towers may be considered instead of horizontal distance (considered for line length).  1.3.9 Length of existing conductor/earthwire may be measured by weight measurement of conductor/earthwire and taking into account <del>the nominal unit</del> weight of from the actual weight of the dismantled conductor/ earthwire as dis-covered on site , with average of 3 samples every month and 1 sample to be selected by vendor and 2 sample by pgcil conductor/ earth wire (as per conductor STP, Section-VIIA/V of TS).</p>	Provisions of Technical Specification shall remain unchanged.
---	---	---	---	---

**Clarification No II dated 03/12/2024 to the Bidding Document for**

**RECONDUCTORING PACKAGE OH01 including upgradation of bays for a) Reconductoring of Kahalgaon (NTPC)- Farraka (NTPC) 400KV D/c (Twin Moose) line with Twin HTLS conductor (with ampacity of single HTLS as 1228A)-190Ckm b) Upgradation of associated 400Kv bay equipment at Kahalgaon (NTPC) c) Upgradation of associated 400Kv bay equipment at Farraka (NTPC) under “Eastern Region Expansion Scheme-43 (ERES 43)”. Specification Nos.: CC/NT/W-COND/DOM/A00/24/14483**

		length).		
--	--	----------	--	--

**Clarification No II dated 03/12/2024 to the Bidding Document for**

**RECONDUCTORING PACKAGE OH01 including upgradation of bays for a) Reconductoring of Kahalgaon (NTPC)- Farraka (NTPC) 400KV D/c (Twin Moose) line with Twin HTLS conductor (with ampacity of single HTLS as 1228A)-190Ckm b) Upgradation of associated 400Kv bay equipment at Kahalgaon (NTPC) c) Upgradation of associated 400Kv bay equipment at Farraka (NTPC) under “Eastern Region Expansion Scheme-43 (ERES 43)”. Specification Nos.: CC/NT/W-COND/DOM/A00/24/14483**

3.	1.3.4, Section-IA, Technical Specification, Volume II of Bidding Document	<p>Rewinding of the existing conductor/earthwire removed from the line(s) on drums including all tools, plants, labour and materials etc. required for proper rewinding of conductor shall be deemed to be included in the scope of work.</p> <p>Conductor/earthwire lengths from 100m -500m &amp; more than 500m shall be rewound separately on the drums, however, conductor/earthwire jumper/ pieces/ bits of up to 100m may not be required to be rewound on the drums. Scope shall also include transportation of above drums with existing conductor/earthwire, conductor jumper/ pieces/ bits upto 100m length and all Insulators/Hardware (if required), conductor accessories including suspension/tension clamps of conductor removed from the line to employer's designated stores situated along the line. The contractor shall take necessary precautions to avoid damages/ wastage of line materials during de-stringing of conductor.</p>	<p>1.3.4. Rewinding of the existing conductor/ earth wire removed from the line(s) on drums including all tools, plants, labour and materials etc. required for proper rewinding of conductor shall be deemed to be included in the scope of work. <del>Conductor/ earthwire lengths from 100m – 500m &amp; more than 500m shall be rewound separately on the drums, however, conductor/ earth wire jumper/ Pieces / bits of up to 100m may not be required to be rewound on the drums. shall not be returned and shall dispose of the same at his cost.</del></p> <p>Scope shall also include transportation of above drums with existing Conductor / earthwire, conductor jumper/ pieces/ bits upto 100m length and all Insulators / Hardware (if required), conductor accessories including suspension/tension clamps of conductor removed from the line to employer's designated stores situated along the line. The contractor shall take necessary precautions to avoid damages/ wastage of line materials during de-stringing of conductor.</p> <p>1.3.5 The contractor shall maintain proper record of conductor / earth wire lengths removed during destringing of existing line as per following details: -</p> <ul style="list-style-type: none"> <li>i) Section length (Angle point to angle point)</li> <li>ii) length of conductor/ earthwire</li> <li>iii) Wound length on drums bearing identification number.</li> </ul>	Provisions of Technical Specification shall remain unchanged.
----	---	--	---	---

**Clarification No II dated 03/12/2024 to the Bidding Document for**

**RECONDUCTORING PACKAGE OH01 including upgradation of bays for a) Reconductoring of Kahalgaon (NTPC)- Farraka (NTPC) 400KV D/c (Twin Moose) line with Twin HTLS conductor (with ampacity of single HTLS as 1228A)-190Ckm b) Upgradation of associated 400Kv bay equipment at Kahalgaon (NTPC) c) Upgradation of associated 400Kv bay equipment at Farraka (NTPC) under "Eastern Region Expansion Scheme-43 (ERES 43)". Specification Nos.: CC/NT/W-COND/DOM/A00/24/14483**

4	TS, Volume II of Bidding Document		For s/s lot item calculation, viz. earthing rod, cable etc. below drawings are required which are not provided in tender. Pls arrange.: 1. Cable Trench Layout 2. Earthing Layout 3. Erection key diagram 4. Section layout Only SLD and cable trench drawing are available in tender.	For LOT item, individual item & its requirement shall be assessed by respective bidder. The balance existing drawing shall be shared with successful bidder during details engineering
5	TS, Volume II of Bidding Document		Confirmation on inclusion of BPI in Isolator Boq line item, as shared in price schedule.	Please refer clause 1.2.1 Technical Specification, Section: Switchgear -ISOLATOR, Rev 13 for inclusion of BPI as a part of Isolator.