S.No	Clause Ref	Description in Bidding	Clarification raised by the Bidder	POWERGRID's
	No	documents		Reply
	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 De-erected conductor & hardware 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	Provisions of the bidding documents are amply clear and shall remain unchanged. 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.

2 1.3.7, Section-IA, Technical Permissible wastage of Hardware fittings except clamps/insulators (for returnable quantity only), suspension clamps & conductor accessories viz. vibration dampers & spacers, existing in the line, towards damage/ handling during de-stringing/ Provisions of Camps/insulators (for returnable quantity only), suspension clamps & conductor accessories viz. vibration dampers & spacers, existing in the line, towards damage/ handling during de-stringing/ Provisions of Technical 1.3.8, Section-IA, Technical dismantling shall not be more than 2% of dismatting shall not be more than 2% of Section-IA, Technical dismantling shall not be more than 2% of the total quantity of above items in the line. more than 2% 4% of the total quantity of conductor/earthwire(if applicable) More than 2% 4% 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 = Line Length* as per detailed survey x nos. of earthwire = Line length* as per detailed survey x nos. of earthwire = 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 Carductor = 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) 1.3.9 Permissible wastage of hardiware fittings except ation and the permissible wastage of existing conductor/earthwire = 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) 1.3.9 Permissible wastage of onductor/earthwire may be measured by weight measurement of conductor/earthwire and taking into acount the nominal unit	at wieram	, , ,	<u>v</u> i	eme-43 (ERES 43) . Specification No CQN 1/W-COND/	
Technical Specificationreturnable quantity only), suspension clamps & conductor accessories viz.suspension clamps & conductor accessories viz.SpecificationSpecificationseconductor accessories viz.uining destringing/diamapers & spacers, existing in the line, towards damage/ handling during de-stringing/ dismantling shall not be more than 2% 4% of the total quantity of above items in the line.SpecificationSpecificationSpecification1.3.8, Section-IA, Technical specificationdismantling shall not be more than 2% 4% of the total quantity of above items in the line.SpecificationSpecificationPermissible wards damage/handling destringing/dismantling, variation from nominal unit weight etc. shall not be more than 2% of the total quantity of conductor/earthwire(if applicable) towards damage/handling destringing/SpecificationSpecificationPermissible wards destringing/Genetation acomuter for accessories viz.SpecificationSpecificationPermissible wards damage/handling during destringing/Genetation accessories during destringing/SpecificationSpecificationPermissible wards conductor/earthwire(if applicable)applicable applicable)Conductor accessories viz.SpecificationPermissible wards conductor/earthwire(if applicable)applicable applicable)Conductor accessories viz.SpecificationSpecificationPermissible wards admage/handling during destringing/Genetation accesting applicable)SpecificationSpecificationPermissible<	2	,	0	0 1	
Specificationclamps & conductor accessories viz. vibration dampers & spacers, existing in the line, towards damage/ handling during de-stringing/dampers & spacers, existing in the line, towards damage/ handling during de-stringing/remain unchanged.1.3.8, Section-IA, Technical specificationdismantling shall not be more than 2% of the total quantity of above items in the line.section-IA, the total quantity of above items in the line.line.1.3.8 Permissible wastage of existing conductor/earth wire in the total quantity of 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 = Line Length* as per detailed survey x 3 (for 3 phases) x no. of conductor per bundle x 2 (for 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)/ 1 (for Single 		Section-IA,	U I I I I I		
 vibration dampers & spacers, existing in the line, towards damage/ handling during de-stringing/ 1.3.8, dismantling shall not be more than 2% of Section-IA, the total quantity of above items in the line. specification 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% 4% of the total quantity of conductor/earthwire in the line as below Quantity of conductor/earthwire if applicable towards damage/handling during destringing/ dismantling, variation from nominal unit weight etc. shall not be more than 2% 4% of the total quantity of conductor/earthwire if applicable towards damage/handling during destringing/ dismantling, variation from nominal unit weight etc. shall not be more than 2% 4% of the total quantity of conductor/earthwire if applicable towards damage/handling during destringing/ dismantling, variation from nominal unit weight etc. shall not be more than 2% 4% 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 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 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 persent of conductor/earthwire and taking into account the nominal unit 					Specification shall
&the line, towards damage/ handling during de-stringing/more than 2% 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 destringing/ dismantling, variation from nominal unit weight etc. shall not be more than 2% of the total quantity of Earthwire in the line as below:more than 2% 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 destringing/ dismantling, variation from nominal unit weight etc. shall not be more than 2% of the total quantity of for calculation of conductor & Earth wire in hilly stretches, inclined distanceQuantity of Conductor = Line Length* 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)/1 (for Single Gircuit Line)/1 (for Single distance"For calculation of conductor/earthwire may be measured by weight measurement of conductor/earthwire and taking into account the nominal unit measurement of conductor/earthwire and taking into account the nominal unit		Specification	1		remain unchanged.
1.3.8,during de-stringing/ dismantling shall not be more than 2% of the total quantity of above items in the line.line. 1.3.8 Permissible wastage of existing conductor/earth wire (if applicable) towards damage/handling during conductor/earth wire (if applicable)Technical specificationPermissible 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 = Line Length* as per detailed survey x 3 (for 3 phases) x no. of conductor per bundle x 2 (for 					
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Section-IA, Technical specificationthe total quantity of above items in the line.stringing/dismantling, variation from nominal unit weight etc. shall not be more than 2% 4% of the total quantity of conductor/earth wire in the line as below Quantity of Conductor/earth wire in the line as below Quantity of conductor/earthwire(if applicable) permissible wastage of existing conductor/earthwire(if applicable) destringing/dismantling, variation from nominal unit weight etc. shall not be more than 2% of the total quantity of econductor/earthwire in the line as below: Quantity of Conductor = Line Length* as per detailed survey x 3 (for 3 phases) x no. of conductor & Earth wire in hilly stretches, inclined distance between the towers may be considered instead of horizontal distanceQuantity of Conductor per bundle x 2 (for conductor/earthwire in the line as per detailed survey x 3 (for 3 phases) x no. of conductor per bundle x 2 (for lot of conductor per bundle x 2 (for lot of conductor/earthwire may be measured by weight measurement of conductor/earthwire and taking into account the nominal unit					
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specificationconductor/earthwire(if applicable) towards damage/handling 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:conductor/earthwireconductor er 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 Conductor = Line Length* as per detailed survey x 3 (for 3 phases) x no. of conductor per bundle x 2 (for Sourcet at the line as below:conductor/earthwire the line as below:conductor = Line Length* as (considered for line length).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)conductor/earthwire in line length. 1.3.9 Length of existing conductor/earthwire may be measured by weight measurement of conductor/earthwire and taking into account the nominal unit		Section-IA,	the total quantity of above items in the	stringing/dismantling, variation from nominal unit weight	
Permissiblewastageofexisting existing conductor/earthwire(if applicable) towardsConductor = 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 in the line as below:Conductor = Line Length* as per detailed survey x nos. of conductor & Earth wire in hilly stretches, inclined distanceQuantity of Conductor = Line Length* as below:PermissiblewastageofQuantity of Conductor = Line Length* as per detailed survey x 3 (for 3 phases) x no. of conductor per bundle x 2 (for 1.3.9 Length of existing conductor/earthwire may be measured by weight measurement of conductor/earthwire and taking into account the nominal unit		Technical	line.	etc. shall not be more than $\frac{2\%}{4\%}$ 4% of the total quantity of	
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towardsdamage/handlingduring 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:Line)/1 (for Single Circuit Line) Quantity of Earthwire = Line length* as per detailed survey x nos. of earthwire *For calculation of conductor & Earth wire in hilly stretches, inclined distance between the towers may be considered instead of horizontal distance (considered for line length).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)/1 (for Single Quantity of Earthwire = Line length* as account the nominal unitLine)/ 1 (for Single measurement of conductor/earthwire and taking into account the nominal unit		_	Permissible wastage of existing	Conductor = Line Length* as per detailed survey x 3 (for 3	
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 Earthwire = Line length* as per detailed survey x nos. of earthwireQuantity 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 and taking into account the nominal unit			conductor/earthwire(if applicable)	phases) x no. of conductor per bundle x 2 (for Double Circuit	
nominal unit weight etc. shall not be more than 2% of the total quantity of conductor/earthwire in the line as below:x nos. of earthwireQuantity 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)x nos. of earthwire *For calculation of conductor & Earth wire in hilly stretches, inclined distance between the towers may be considered instead of horizontal distance000011100000000001001001001001001000<			towards damage/handling during	Line)/ 1 (for Single Circuit Line)	
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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)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 the nominal unit			conductor/earthwire in the line as	inclined distance	
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)(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 the nominal unit			below:	between the towers may be considered instead of horizontal	
no. of conductor per bundle x 2 (for Double Circuit Line)/ 1 (for Single Circuit Line)1.3.9 Length of existing conductor/earthwire may be measured by weight measurement of conductor/earthwire and taking into account the nominal unit			Quantity of Conductor = Line Length* as	distance	
Double Circuit Line)/ 1 (for Single Circuit Line)measured by weight measurement of conductor/earthwire and taking into account the nominal unitQuantity of Earthwire = Line length* asaccount the nominal unit			per detailed survey x 3 (for 3 phases) x	(considered for line length).	
Circuit Line)measurement of conductor/earthwire and taking intoQuantity of Earthwire = Line length* asaccount the nominal unit			no. of conductor per bundle x 2 (for		
Quantity of Earthwire = Line length* as account the nominal unit			Double Circuit Line)/ 1 (for Single	measured by weight	
			Circuit Line)	measurement of conductor/earthwire and taking into	
and the former of the former of the second			Quantity of Earthwire = Line length* as	account the nominal unit	
per detailed survey x nos. of earthwire weight of from the actual weight of the dismantied			per detailed survey x nos. of earthwire	weight of from the actual weight of the dismantled	
*For calculation of conductor & Earth conductor/ earthwire as dis-covered on site , with average			*For calculation of conductor & Earth	conductor/ earthwire as dis-covered on site , with average	
wire in of 3 samples every month and 1 sample to be selected by			wire in	of 3 samples every month and 1 sample to be selected by	
hilly stretches, inclined distance between vendor and 2 sample by pgcil conductor/ earth wire (as per			hilly stretches, inclined distance between	vendor and 2 sample by pgcil conductor/ earth wire (as per	
the conductor STP, Section-VIIA/V of TS).			the	conductor STP, Section-VIIA/V of TS).	
towers may be considered instead of			towers may be considered instead of		
horizontal distance (considered for line			horizontal distance (considered for line		
length).			length).		

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3.	1.3.4,	Rewinding of the existing	1.3.4. Rewinding of the existing conductor/ earth wire	Provisions of
	Section-IA,	conductor/earthwire removed from the	removed from the line(s) on drums including all tools,	Technical
	Technical	line(s) on drums including all tools,	plants, labour and materials etc. required for proper	Specification shall
	Specification,	plants, labour and materials etc. required	rewinding of conductor shall be deemed to be included in	remain unchanged.
	Volume II of	for proper rewinding of conductor shall	the scope of work. Conductor/ earthwire lengths from 100m	
	Bidding	be deemed to be included in the scope of	- 500m & more than 500m shall be rewound separately on	
	Document	work.	the drums, however, conductor/ earth wire jumper/ Pieces	
		Conductor/earthwire lengths from 100m	/ bits of up to 100m may not be required to be rewound on	
		-500m & more than 500m shall be	the drums. shall not be returned and shall dispose of the	
		rewound separately on the drums,	same at his cost.	
		however, conductor/earthwire jumper/	Scope shall also include transportation of above drums with	
		pieces/ bits of up to 100m may not be	existing	
		required to be rewound on the drums.	Conductor / earthwire, conductor jumper/ pieces/ bits upto	
		Scope shall also include transportation of	100m length and all	
		above drums with existing	Insulators / Hardware (if required), conductor accessories	
		conductor/earthwire, conductor	including	
		jumper/ pieces/ bits upto 100m length	suspension/tension clamps of conductor removed from the	
		and all Insulators/Hardware (if	line to employer's	
		required), conductor accessories	designated stores situated along the line. The contractor	
		including suspension/tension clamps of	shall take necessary	
		conductor removed from the line to	precautions to avoid damages/ wastage of line materials	
		employer's designated stores situated	during de-stringing of conductor.	
		along the line. The contractor shall take	1.3.5 The contractor shall maintain proper record of	
		necessary precautions to avoid	conductor / earth wire lengths removed during destringing	
		damages/ wastage of line materials	of existing line as per following details: -	
		during de-stringing of conductor.	i) Section length (Angle point to angle point)	
			ii) length of conductor/ earthwire	
			iii) Wound length on drums bearing identification number.	

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