

RESPONSE ON PRE BID QUERIES

1	NIT No	CMC/BY/21-22/RB/SV/16
2	Project Name	SURVEY, DESIGN, ENGINEERING, SUPPLY, CIVIL WORKS, ERECTION, TESTING, & COMMISSIONING OF NEW 33/11KV GIS GRID SUB STATION ON TURNKEY BASIS AT I.P. EXTENSION, DELHI (INDIA)

SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
1	3.2.6, SCOPE OF SUPPLY	161	End Termination Kits	We presume that our scope is as per BOQ, The GIS incomer Feeder bay & 11kv VCB outgoing Feeder cable termination kit is not in bidder scope. Kindly confirm.	Noted
2	3.2.7., SCOPE OF SUPPLY	162	Cable and Associated Items	We presume that our scope is as per BOQ, The HT power cable for GIS incomer Feeder bay & 11kv VCB outgoing Feeder is not in bidder scope. Kindly confirm	Noted
3	3.2.7.1, SCOPE OF SUPPLY	162	33 kV 3CX400 XLPE insulated, stranded aluminum conductor, PVC outer sheath Power cable-	we presume that 33 kV 3CX400 XLPE Cable to be considered 2 run from GIS for each transformer. Spare run not in bidder scope. Please confirm.	Yes. It is 2 R 33 KV 3CX400 sqmm cable and same shall be in bidder's scope.
4	3.2.7.2, SCOPE OF SUPPLY	162	11 kV 1CX1000 sqmm XLPE insulated, stranded Aluminium conductor, PVC outer sheath cable	we presume that 11 kV 1CX1000 sqmm XLPE Cable to be considered 3 run from 11kv VCB for each LV side transformer. Please confirm.	Yes. 3 run per phase is required.
5	3.3.10 SCOPE OF SUPPLY	166	Dismantling of Existing Building and Foundation of Existing RMU	We presume that The Existing Bldg size 12.5x11 Sqm to be dismantled and debris to be disposed off at a suitable location. Dismantled Steel etc. usable items are to be handed over to BYPL stores. Existing RMU's will be dismantled by BYPL kindly confirm	Noted.
6	3.3.11 SCOPE OF SUPPLY	166	Dismantling of Any lighting mast/ pole	with reference to site visit. We doesn't found any LM/Pole in proposed area. Kindly confirm	If there is no pole then no issues. Same shall not be in bidder's scope.

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7	3.3.12.1 SCOPE OF SUPPLY	166	Site survey, Soil testing, design and engineering	Soil Testing already conducted by BYPL and reports enclosed with Civil TS. please confirmed for again retesting is required by bidder.	Soil report in tender document is for bidding purpose. Bidder must carry out soil investigation after it gets order. Note that civil designing shall be carried out on most stringent report out of Bidder report and report provided in tender document.
8	3.3.12.2 SCOPE OF SUPPLY	166	Substation Building	during site visit BRPL confirm the 500mm Earth to be filled on existing level (Front Road level) to make FGL. Kindly reconfirm.	Kindly refer civil specification for the same
9	3.3.12.2 SCOPE OF SUPPLY	166	Substation Building	The area is consisting, we cant provide separate rooms for Control Room, Battery Room, Auto Switched Capacitor Bank Room, we have provide separate rooms for Maintenance Room, Pantry & Washroom kindly confirm.	Designing of building can only be finalised at the time of detailed engineering. Kindly bid as per tender document.
10	3.3.12.2 SCOPE OF SUPPLY	166	Substation Building	The area is consisting, bidder cant provide separate rooms for Control Room, Battery Room, Auto Switched Capacitor Bank Room, we have provide separate rooms for Maintenance Room, Pantry & Washroom kindly confirm.	Designing of building can only be finalised at the time of detailed engineering. Kindly bid as per tender document.
11	3.3.12.12 SCOPE OF SUPPLY	167	Two side entry and exit	the area is consisting. The two side Entry & Exit or Two nos of staircase as per Layout are not possible bidder only one side entry & one nos staircase to be provide kindly confirm.	No deviation in this regard. Kindly adhere to tender document.
12	3.3.12.15 SCOPE OF SUPPLY	167	Motorized Shutter, 2 nos	we presume that motorized shutter is required 3 nos, one nos each for 1 st floor switchgear room, 2nd floor control & cable cellar. Kindly confirm.	Motorized shutter is not required in cable cellar room.

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13	3.3.12.2 SCOPE OF SUPPLY	166	Substation Building	The area is consisting, bidder cant provide separate rooms for Control Room, Battery Room, Auto Switched Capacitor Bank Room, we have provide separate rooms for Maintenance Room, Pantry & Washroom kindly confirm.	Designing of building can only be finalised at the time of detailed engineering. Kindly bid as per tender document.
14	3.2.2 SCOPE OF SUPPLY	160	25 MVA, 33 kV/11 kV Power Transformer	the area is consisting. The size of Transformer may be increased from 5.4 mtr to 6.7 mtr. as per tender layout drawing Therefore the building size may be decrease according to them. kindly confirm.	As area of grid is limited, transformer area cannot be altered much. Moreover, building size cannot be decreased.
15	4	146	Bus PT - 2 Nos.	1No. Bus VT Panel shall be provided with 2 Set of Bus VT (1Set of VT for each Bus). Kindly confirm	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
16	4.1.7	174	33 kV GIS - ABB/Siemens/Schneider	We understand that approved list in tender is for the make already supplied in BYPL. Request you to kindly approve CG Power and Industrial Solutions Limited make 33kV GIS. The Credential of 33kV GIS are submitted for your reference.	No deviation in this regard. Kindly adhere to tender document.
17	4.1.10	174	Numerical relays - ABB (R series), Siemens (Siprotec series) and Schneider / Alstom (Micom Series)	We understand that approved list in tender is for the make already supplied in BYPL. Request you to kindly approve CG Power and Industrial Solutions Limited make Numerical Relays. The Credential of Numerical Relays are submitted for your reference.	No deviation in this regard. Kindly adhere to tender document.

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18	5.3	181	Fault Current - 31.5 kA for 3 sec	As per Clause No. 1.10 of ANNEXURE – B – Technical Particulars (Data by Purchaser), Page No. 32 of 49 (NIT PDF Page No. 207), the fault level specified is 25kA for 3 Sec. As per SLD provided vide Annexure F1 the fault level specified is 26.3kA for 3 Sec. We request you to kindly specify the fault level required.	Kindly go as per SLD.
19	6.4	181	Cable connection compartment shall contain the cable sockets accessible for fitting of the power cable plugs and the test cable sockets.	The cable testing can be done using cable testing rod and hence no separate socket for cable testing shall be provided.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
20	6.8.b	183	Service continuity : In case of any internal arc fault in a busbar, busbar disconnector or circuit breaker, of double bus system, repair works must be possible without shutting down complete substation and at least one busbar and the undisturbed bays must remain in operation.	The faulty section needs to shutdown, while the work is to be carried on the healthy section. Although looking at the safety of the operating personnel this is not recommended.	No deviation in this regard. Kindly adhere to tender document.

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21	6.8.d	183	Service continuity : To achieve service continuity, gas tight buffers shall be used at suitable place.	This clause is applicable for EHV GIS and not MV GIS.	No deviation in this regard. Kindly adhere to tender document.
22	6.13	184	Panel Dimension : Maximum height : 2700mm, Operating height maximum 1600mm, Width-600 mm, Depth- 1800 mm	The dimension of the offered 33kV GIS shall be as given below : W : 800 mm Height : 3200 mm Operating height: 2000 mm Depth : 2580 mm We request you to kindly allow us to participate with the above dimensions	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
23	8.1.d	185	To prevent switching on a circuit breaker when the feeder is earthed	The Feeder side earthign in the offered GIS achieved using three position disconnecting switch along with VCB. After putting the 3 Position disconnecting switch in earth position the VCB is switched ON.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
24	1.21	207	Power cable entry - From bottom and rear	The cable termination shall be from the front, bottom of the panel. This is in line with the clause No. 14.1.1 (Page No. 13 of 49) NIT PDF Page No. 188 of Technical Specifications. Kindly Confirm	Noted
25	2.2	207	Circuit Breaker Rated Current - As per SLD	In line with SLD we have considered following current rating for VCB : Incomer / Outgoing Feeder - 1250 A Bus Coupler - 2000 A	Noted

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26	6.4	209	Surge Arrestors - Discharge class 3	The Surge Arrestor shall be as per Manufacturer's standard with discharge class - I.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
27	1	211	Numerical Relay of each type	Numerical relay are called seperaetly in the price schedule "Price Format- Supply (A), Sr.No. 54" page no. 4 of 13 (NIT PDF Page No. 148). We request you to kindly review this. The requirement is getting duplicated.	Kindly contact C&M deartment of BYPL for the same
28	23	211	Mobile gas filling and evacuation device - DILO Make	SF6 Gas Handlig Kit is called seperaetly in the price schedule "Price Format- Supply (A), Sr.No. 51" page no. 4 of 13 (NIT PDF Page No. 148). We request you to kindly review this. The requirement is getting duplicated.	Kindly Consider SF6 Gas Handling Kit
29	5.17	325	Steel Base frame as per manufacturer's standard.	Our Panels are suitable for mounting directly on the foundation hence separate base frame is not required hence we have not considered the same.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
30	6.5	326	Tulip contact shall be provided without any gap between contacts	Isolating contact will be Tulip Type as per our Type Tested design.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.

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31	5	34	Permission for road cutting from Road owning agencies, Tree cutting and other statutory clearances (including all coordination and liasoning) shall be obtained by Bidder. However, All direct Fee shall be borne by BYPL	With reference to site visit on dated 04.06.2021, BYPL confirmed that tree cutting with necessary permission is in scope of BYPL. Kindly confirm	Noted
32			Clause no. 3 - Reverse Auction: Purchaser reserves the right to use REVERSE AUCTION through SAP-SRM as an optional tool as an integral part of the entire tendering process. All techno-commercially qualified bidders shall participate in this event	Please confirm the applicability of reverse auction for this package.	Tender document shall remain same

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33			Clause no. 4.06 & 27 - The Purchaser's Right to vary quantities: The Purchaser reserves the right to vary the quantity i.e. increase or decrease the numbers/quantities without any change in terms and conditions during the execution of the Order	The said clause is acceptable, however, request you to consider the following: For any changes beyond $\pm 5\%$, price escalation shall be applicable.	Tender document shall remain same
34			Clause no. 3 - CONTRACT PRICES The contract price shall be including all the detailed scope as specified in the contract for the package awarded and shall be inclusive of all taxes and duties (GST) as applicable. Prices are inclusive of all taxes and duties including labour cess	We understand the labour cess mentioned here is with regards to BOCW Cess. Please confirm our understanding.	Tender document shall remain same

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35			Clause no. 4 - QUANTITIES VARIATION UNDER THE AWARDED CONTRACT: Contract Unit rate shall applicable for the any addition/reduction in quantities to the extent as Specified below: Quantities may vary as per the site requirements	We request for the following: Contract Unit rate shall be applicable only upto a variation of $\pm 5\%$ of the contract value. For any changes beyond $\pm 5\%$, price escalation shall be applicable.	Tender document shall remain same

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36			<p>Clause no. 9.1 - LD FOR DELAY IN COMPLETION OF WORK: Time is essence of the Contract. After issuance of the Letter of Intent, the contractual network / L2 network will be finalized and approved by the BYPL. Contractor shall strictly adhere to the completion schedule and intermediate milestones agreed. If the Contractor fails to successfully hand over the Packages awarded within the agreed contract completion schedule the contractor shall pay to the Purchaser/ Owner, Liquidated damages for the delayed period at the rate of 0.5% of the total contract price per each week of delay or Pro-rata thereof, by which the Completion is delayed. Maximum LD for delay is</p>	<p>The said clause is acceptable to us. However, request you to consider the following: In the event of delay from Contractor, request BYPL to first exercise Liquidated Damages clause. In case, if there is further delay resulting in breach of maximum LD cap then BYPL can exercise any other right as specified in this contract. Further, for any delays not attributable to the Contractor, he shall be compensated for the Project Management Cost, Time Extension & Price escalation, wherever necessary.</p>	Tender document shall remain same

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37			<p>Clause no. 9.2 - LD ON INTERMEDIATE MILESTONE:</p> <p>Liquidated Damages shall be applicable on the delay in achieving Intermediate milestone as agreed in the L2 Network which shall be at the rate of 0.5% of the total contract price per each week of delay of Intermediate milestone or Pro-rata thereof, by which the Milestones are delayed.</p> <p>LD on delay in milestone activities shall be redeemable if the delays are covered subsequently and the package is handed over within the agreed schedule .</p>	<p>We request to waive LD on intermediate milestones if the project is completed within the overall duration defined & agreed between both the parties.</p>	<p>Tender document shall remain same</p>

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38			Clause no. 10.2 - LIABILITY & DAMAGES: Aggregate Liability of Supplier: Supplier's / Contractor liability to Purchaser under or in connection with the Supply and Erection Contract shall not exceed 110% of the respective Contract Price.	Request you to cap the Aggregate Limitation of Liability to 100% of the Total Contract Price instead of 110%.	Tender document shall remain same
39			Clause no. 11 - WARRANTEE/DEFECT LIABILITY PERIOD Warranty /Defect Liability Period shall be of Twenty Four (24) months from the date of Final Take over of Packages by Purchaser	Request you to consider the following clause: Warranty /Defect Liability Period shall be of Eighteen (18) months from the date of Commissioning or Twenty Four (24) months from the date of Supply, whichever is earlier.	Tender document shall remain same

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40			<p>Clause no. 12 - LATENT DEFECT LIABILITY PERIOD</p> <p>At the end of warranty period, the Supplier's Liability ceases except for latent defects. Notwithstanding the completion of the Warranty Period, the Supplier shall be responsible for expeditiously making good by repair or replacement at its option and at its cost and expense any Latent Defect which appears before the expiry of the Latent Defects Liability Period.</p> <p>The Contractor's Liability for latent defects warranty shall be limited to a period of Five (5) years from end of Warranty Period for all the supply items and the work executed under the contract.</p> <p>For the purpose of this clause, the latent</p>	<p>Request you to consider the following clause: The said clause is acceptable to us. However, Latent Defect Liability Period shall start simultaneously with the Warranty Period.</p>	<p>Tender document shall remain same</p>

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41			<p>Clause no. 18.4 - Force Majeure - Excused Performance: The Party claiming Force Majeure shall give notice to the other Party of any Force Majeure Event as soon as reasonably practical after becoming aware of its existence, but not later than twenty four (24)hours after the date on which such Party knew or should reasonably have known of the commencement of the Force Majeure Event. Notwithstanding the above, if the Force Majeure Event results in a breakdown of communications rendering it not reasonably practicable to give notice within the applicable time limit specified herein, then the Party claiming Force Majeure shall give such notice as soon as reasonably practicable</p>	<p>Request you to consider 7 days instead of serving notice in 24 hours.</p>	<p>Tender document shall remain same</p>

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42			Clause no. 18.6 - Consequences of Force Majeure Neither Party shall be considered in default or in breach of its obligations under this Agreement to the extent that performance of such obligations is prevented by any circumstances of a Force Majeure Event.	Request you to consider the following in addition to the said clause: In case if Force Majeure event continues for a period beyond 180 days, then either party shall have rights to terminate this Contract. Necessary time extension shall be provided for the affected period.	Tender document shall remain same

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43			Clause no. 20.0 - FINAL TAKING OVER OF THE PACKAGES: Upon successful completion of testing and Commissioning of the all the items/work under the package awarded and all the testing conducted to the Purchaser/Owner's satisfaction, the Purchaser shall issue to the Contractor a "Taking over Certificate" as a proof of the final acceptance of the packages only after receipt of such certificate from the	The said clause is acceptable, however, request you to consider the following: No consent or acceptance or issuance of any Certificates shall be unreasonably withheld by BYPL for reasons not attributable to the Contractor. In a scenario where the consent/ acceptance/ approval/ issuance of any Certificate is not given within 60 days from the date of our intimation of readiness and/ or if BYPL takes the equipment/ work/ system into commercial use before issuing the Certificate, the same shall deemed to have been occurred, issued and accepted by BYPL. Transfer of risk shall occur upon such acceptance and the guarantee shall start from the same date, payments shall be released immediately.	Tender document shall remain same

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44			Clause 6 - Time – The Essence of Contract The time and the date of Contract Execution completion of the "Package" as stipulated in the Letter of Intent/ Purchase order issued to the Supplier shall be deemed to be the essence of the "Contract". The "Entire Package" has to be completed and handed over not later than the	We accept this clause provided that Contractor shall be not liable for reasons for delay not attributable to him.	Tender document shall remain same

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45			<p>Clause 9 - QUANTITY VARIATION AND EXTRA ITEM/WORK: The purchaser reserves the rights to vary the quantity as per the site requirements. The Bill of Quantity break-up shown elsewhere in Price Schedule is tentative. The bidder shall ascertain himself regarding material required for completeness of the entire work. Any item not indicated but is required to complete the job, shall be deemed to be included in the prices quoted. Payment will be made on the basis of actual quantity of supplies/actual measurement of works accepted by BYPL and not on the basis of contract quantity.</p>	<p>We request for the following: For any variation beyond $\pm 5\%$, price escalation shall be applicable.</p>	<p>Tender document shall remain same</p>

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46			Clause 22 RETURN, REPLACEMENT OR SUBSTITUTION: BYPL shall give Supplier notice of any defective Commodity promptly after becoming aware thereof. BYPL may in its discretion elect to return defective Commodities to Supplier for replacement, free of charge to BYPL, or may reject such Commodities and purchase the same or similar Commodities from any third party.	We propose to delete sentence " purchase the same or similar Commodities from any third party". Further, choice of remedy for such repair/replacement shall be solely with the Contractor and suitable cure period be granted to rectify such defects as mutually agreed. The warranty obligations stated in the contract shall be the exclusive remedy of the customer in case of a defect.	Tender document shall remain same

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47			<p>Clause 31 - Consequences of Default (a) If an Event of Default shall occur and be continuing, BYPL may forthwith terminate the Contract by written notice. (b) In the event of an Event of Default, BYPL may, without prejudice to any other right granted to it by law, or the Contract, take any or all of the following actions; (i) present for payment to the relevant bank the Performance Bond; (ii) Purchase the same or similar Commodities from any third party; and/or (iii) Recover any losses and/or additional expenses BYPL may incur as a result of Supplier's default.</p>	<p>Request you to consider the following: If BYPL terminates for Contractor's default, it shall do so only for material default and after a lapse of reasonable cure period to remedy that defect. In the event of termination, BYPL shall be obliged to pay for the completed part of the work, work in progress or inventory of the said scope of work for which the manufacturing clearances were already issued by BYPL.</p>	Tender document shall remain same

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
48			Clause 34 - TERMINATION FOR CONVENIENCE OF BYPL: BYPL at its sole discretion may terminate the contract by giving 30 days prior notice in writing or through email to the Supplier. BYPL shall pay the Supplier for all the supplies/ services rendered till the actual date of contract termination against submission of invoice by the Supplier to that effect.	In the event of termination, BYPL shall be obliged to pay for the completed part of the work, work in progress or inventory of the said scope of work for which the manufacturing clearances were already issued by BYPL.	Tender document shall remain same
49			Clause 41 - CONFIDENTIALITY: Bidder and its employees or representatives thereof shall strictly maintain the confidentiality of various information they come across while executing the contract as detailed below.	The said clause is acceptable to us. However, the same shall be vice versa applicable to BYPL as well.	Tender document shall remain same

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
50			Clause 16 WORK COMPLETION CERTIFICATION, HANDING OVER: & Clause 41 - ACCEPTANCE	The said clause is acceptable, however, request you to consider the following: No consent or acceptance or issuance of any Certificates shall be unreasonably withheld by BYPL for reasons not attributable to the Contractor. In a scenario where the consent/ acceptance/ approval/ issuance of any Certificate is not given within 60 days from the date of our intimation of readiness and/ or if BYPL takes the equipment/ work/ system into commercial use before issuing the Certificate, the same shall deemed to have been occurred, issued and accepted by BYPL. Transfer of risk shall occur upon such acceptance and the guarantee shall start from the same date, payments shall be released immediately.	Tender document shall remain same

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
51			<p>Clause 17 - Penalty and Liquidated Damages: 17.1 Penalty: A penalty of 2.5% of bill amount shall be levied in each case of non-compliance of safety practices and site cleanliness. 17.2Once the maximum is reached to Company may consider termination of contract without any liabilities to Company.</p>	<p>1. We propose LD clause for the complete contract : For all the penalties/ liquidated damages/ non-compliance of safety practices and site cleanliness the maximum cap of LD shall be limited to 5% of the unexecuted Order Value." 2. In the event of delay, request you to first levy Liquidated Damages (LD). Further, in case if the maximum cap of LD is breached, BYPL can exercise the right to terminate the contract. In other words, LD shall be the sole & exclusive financial remedy for delay.</p>	Tender document shall remain same
52			<p>Clause 29 - Events of Default:(ETC) With reference to complete clause</p>	<p>We accept the clause but contractor shall be responsible for 'material breach' only. In addition, Contractor shall be paid for the work performed under this contract with suitable cure period mutually agreed by both the parties.</p>	Tender document shall remain same

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
53			<p>Clause 33. TERMINATION DUE TO NON PERFORMANCE: "During the course of the execution, if at any time BSES observe and form an opinion that the work under the order is not being performed in accordance with the terms of this Agreement, BSES reserves its right to cancel this Agreement giving 15 days notice mentioning the reason for the termination of the agreement and BSES will recover all damages including losses occurred due to loss of time from Contractor.</p>	<p>Request you to consider the following: If BYPL terminates for Contractor's default, it shall do so only for material default and after a lapse of reasonable cure period to remedy that defect. In the event of termination, BYPL shall be obliged to pay for the completed part of the work, work in progress or inventory of the said scope of work for which the manufacturing clearances were already issued by BYPL.</p>	Tender document shall remain same
54			<p>Clause 34 - 34. TERMINATION BY EEMPLOYER CONVENIENCE: With reference to complete clause</p>	<p>In the event of termination, BYPL shall be obliged to pay for the completed part of the work, work in progress or inventory of the said scope of work for which the manufacturing clearances were already issued by BYPL.</p>	Tender document shall remain same

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
55			Clause 40. VARIATIONS / AMENDMENTS: Any additional work beyond the scope enumerated in the work order above shall be carried out as per the instructions of Engineer-In Charge. The company shall not entertain any claim or increase in the Work Order value due to execution of such additional work if the same is not approved by Engineer in Charge, in written form.	We request for the following: For any variation beyond $\pm 5\%$, price escalation shall be applicable.	Tender document shall remain same
56			Clause 7. QUANTITY VARIATION AND EXTRA ITEM/WORK: With reference to complete clause	The said clause is acceptable, however, request you to consider the following: For any changes beyond $\pm 5\%$, price escalation shall be applicable.	Tender document shall remain same

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
57			<p>Clause 25 - Penalty and Liquidated Damages: 25.1 Penalty: A penalty of 2.5% of bill amount shall be levied in each case of non-compliance of safety practices and site cleanliness. 25.2Once the maximum is reached to Company may consider termination of contract without any liabilities to Company.</p>	<p>1. We propose LD clause for the complete contract : For all the penalties/ liquidated damages/ non-compliance of safety practices and site cleanliness the maximum cap of LD shall be limited to 5% of the unexecuted Order Value." 2. In the event of delay, request you to first levy Liquidated Damages (LD). Further, in case if the maximum cap of LD is breached, BYPL can exercise the right to terminate the contract. In other words, LD shall be the sole & exclusive financial remedy for delay.</p>	Tender document shall remain same
58			<p>Clause 38 - Force Majeure With reference to complete clause</p>	<p>Request you to consider 7 days for serving notice of Force Majeure. In case if Force Majeure event continues for a period beyond 180 days, then either party shall have rights to terminate this Contract. Necessary time extension shall be provided for the affected period</p>	Tender document shall remain same

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
59			<p>43. TERMINATION DUE TO NON PERFORMANCE:</p> <p>"During the course of the execution, if at any time BSES observe and form an opinion that the work under the order is not being performed in accordance with the terms of this Agreement, BSES reserves its right to cancel this Agreement giving 15 days notice mentioning the reason for the termination of the agreement and BSES will recover all damages including losses occurred due to loss of time from Contractor.</p>	<p>We request for the following: For any variation beyond $\pm 5\%$, price escalation shall be applicable.</p>	<p>Tender document shall remain same</p>

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
60			<p>Clause 33. TERMINATION DUE TO NON PERFORMANCE: "During the course of the execution, if at any time BSES observe and form an opinion that the work under the order is not being performed in accordance with the terms of this Agreement, BSES reserves its right to cancel this Agreement giving 15 days notice mentioning the reason for the termination of the agreement and BSES will recover all damages including losses occurred due to loss of time from Contractor.</p>	<p>Request you to consider the following: If BYPL terminates for Contractor's default, it shall do so only for material default and after a lapse of reasonable cure period to remedy that defect. In the event of termination, BYPL shall be obliged to pay for the completed part of the work, work in progress or inventory of the said scope of work for which the manufacturing clearances were already issued by BYPL.</p>	Tender document shall remain same
61			<p>Clause 44. TERMINATION BY EMPLOYER CONVENIENCE: With reference to complete clause</p>	<p>In the event of termination, BYPL shall be obliged to pay for the completed part of the work, work in progress or inventory of the said scope of work for which the manufacturing clearances were already issued by BYPL.</p>	Tender document shall remain same

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
62			Clause 45. ACCEPTANCE:	The said clause is acceptable, however, request you to consider the following: No consent or acceptance or issuance of any Certificates shall be unreasonably withheld by BYPL for reasons not attributable to the Contractor. In a scenario where the consent/ acceptance/ approval/ issuance of any Certificate is not given within 60 days from the date of our intimation of readiness and/ or if BYPL takes the equipment/ work/ system into commercial use before issuing the Certificate, the same shall deemed to have been occurred, issued and accepted by BYPL. Transfer of risk shall occur upon such acceptance and the guarantee shall start from the same date, payments shall be released immediately.	Tender document shall remain same
63			Limitation of Liability Tender is silent on this clause in Services portion & Civil Portion	We propose that the total aggregate cumulative liability of the Contractor for any or all claims including but not limited to indemnification or any account, whatsoever whether under the contract or tort or otherwise, shall not exceed and be subject to a maximum of 100% of the Contract Value.	Tender document shall remain same

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64			<p><u>Consequential losses</u> Tender is silent on this clause in Services portion & Civil Portion</p>	<p>We propose the following clause: Contractor, to the maximum extent permitted by applicable law, shall not be in any event or under any circumstances, be liable for any defects, damages, losses or expenses whatsoever, including liability arising from infringement of intellectual property without limitation or for special, incidental, consequential, direct or indirect damages or for personal injury, loss of profit or revenue, business interruptions including interruptions of operations or loss of use, cost of capital, loss of interest, loss of production, loss of business information and data, damages based on contractual claim of third parties or any other pecuniary loss, arising out of the use of or inability to use the Works or any part thereof.</p>	Tender document shall remain same
65			<p><u>Reservation clause</u> Tender is silent on this clause</p>	<p>Reservation clause: Contractor shall not be obligated to fulfill this agreement if such fulfillment is prevented by any impediments arising out of national or international foreign trade or customs requirements or any embargoes or other sanctions.</p>	Tender document shall remain same

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66			Form V Tender is silent	Request BYPL to issue Form V in the name of the sub-contractor as identified by the Contractor for ETC since the relevant scope of work shall be executed by the said sub-contractor.	Tender document shall remain same
67			Storage Cost	We propose that "If dispatch, delivery or Factory Acceptance Test (FAT) is delayed due to reasons attributable to Purchaser by more than one month after notice was provided by the Contractor for dispatch , delivery or FAT, the Purchaser may be charged storage costs thereafter at the rate of Rs. 15 per sq. ft. per day. Thereafter, the Contract shall be deemed to be terminated at the option of Contractor. Contractor shall be free to dispose of the supply and recover damages from Purchaser ."	Tender document shall remain same
68			Interest Cost	We propose that: "The invoices shall be due for payment and shall be settled as mentioned in the Contract, without any cash discount or other deduction. If Contractor is in default with respect to the agreed terms of payment, as per the Contract, it shall be liable, without reminder, to pay default interest, from the due date of payment at a rate of 1% per month."	Tender document shall remain same

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
69			<u>Road Permits</u>	Road permit shall be in scope of the BRPL.	Tender document shall remain same
70			<u>Divisible Contract</u>	In the event of award of contract, request you to: 1. Issue 3 separate Purchase Orders for the activities under defined Scope of Work i.e. a) Supply, b) Installation, Testing & Commissioning and c) Civil Works OR 2. Issue separate Price Schedules and detailed breakup for the above mentioned activities under one Purchase Order.	Tender document shall remain same
71			Foundation	Foundation is require for G+1+1 & we have to construct only G+1 Building..	As there is no page number and reference clause number , hence the point cannot be clarified
72			Foundation	Foundation is require for 2 no. Power trafo.	As there is no page number and reference clause number , hence the point cannot be clarified
73			Road	Please confirm We have to construct the Road only inside the boundary of Substation	As there is no page number and reference clause number , hence the point cannot be clarified
74			Drainage	Please confirm we have to construct the drainage inside the boundary of Substation & the connecting point with confirmation inside or outside the boundary wall of Substation.	As there is no page number and reference clause number , hence the point cannot be clarified

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
75			Construction Water & Electricity	Please consider that providing the Construction Water & Electricity is in BSES RPL scope on free of Supply basis.	As there is no page number and reference clause number , hence the point cannot be clarified
76			Statutory Approvals	we have not considered any kind of Statutory Approval in our scope of work .	As there is no page number and reference clause number , hence the point cannot be clarified
77	Civil work Spec	Page no 26	Drainage	Drains other that road is the brick drain instead of RCC drain	All drains shall be of RCC type.
78	Civil work Spec	Page no 26	Water Harvesting	For Rain water harvesting system we have considered Recharge well type rain water harvesting system instead of Recharge pit	Same shall be finalised during detail engineering.
79			Soil report	Please clarify As per Soil report recommendation of foundation is the Pile foundation, so we are going with the following... Building- Pipe foundation Transformer- Pile foundation, Fire wall and B/wall- Strip foundation at 2.0m depth	Soil report in tender document is for bidding purpose. Bidder must carry out soil investigation after it gets order. Note that civil designing shall be carried out on most stringent report out of Bidder report and report provided in tender document. Type of foundation can only be finalised during detailed engineering
80			Site survey / vist input	Please clarify As per the ocation of the Transformer the face which is facing to the immediate adjacent property ther we have to construct the fire wall that means E shape fire wall will come in view of safety	Yes. Firewall shall be in E shape.

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
81			Site survey / vist input	Please clarify- while dimolation the existing building BSES will alignn the permissions as the are is fall under the residential are .. So lot of noise and dust will expecting	BSES shall help the bidder in smooth proceedings.
82			Site survey / vist input	Please clarify- during site survey we found that some of Tress is fouling in the proposed construction area so who will demolish these trees and who will take this permission , we understood this is in the BSES scope	Tree cutting and its permission shall be in BYPL's scope.
83			Drainage	As per point no 4 clarification ..we have to connect internal storm drain to the external road drain then why these RWH system is required as mentioned in the pt no 8 please clarifv	RWH is as per bye laws of government, hence it is required.
84			Site survey / vist input- Swerage connection	Please clarify in regards with the swerage system connection ... if the external road have the chamber facilty then can we connect to this And we understood that necessary permission will be taken care by BSES	Noted for connection but permission for the same shall be in bidder's scope.
85			Site survey / vist input	Besides the boundary wall, Government has made sitting arrangement to commutator, which shall be dismantled during the construction of new boundary wall / new fire wall. --Please clarify this	If sitting arrangement is dismantled, the same shall be constructed by bidder only.
86			Site survey / vist input	Please clarify whether underground utilities is there in the proposed building an Trafo location.... Then who will shift it	Point not clear.

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
87			Site proposed laypot	In proposed layout... Parking shed will not accommodate because of space constrain ... please clarify this.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
88	6.2	6 of 49	Switchgear should be completely partitioned from panel to panel. Also, each panel should have separate compartments for the following- a. Busbars	Switchgear shall be partitioned panel to panel and busbar shall be coupled at site. Since busbar coupling is also inside the gas compartment and common upto sectionalizer panel, gas filling shall be done at site. This is in line with concept of True GIS as all live parts are inside the gas compartment	Noted
89	6.4	6 of 49	Cable compartment should be IP4X compliant	Cable shall be connected through bottom with plug in arrangement. IP protection is not applicable.	Noted
90	6.6.1	7 of 49	The pressure relief duct ends shall be guided to open air or fitted with absorbers to cool the hot gases	Rupture diaphragms/Disc are provided for each gas compartments. In the event of Internal faults, resulting into over pressure generation, the rupture disc blows off and allows the release of pressure in a guided direction releasing hot gases into open air away from operator (Within the substation room)	Noted

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
91	6.9	8 of 47	Replacement of circuit breaker module shall be without interfering busbar operation and without gas work.	Replacement of circuit breaker module shall be without interfering busbar operation and keeping the GIS in live conditions. As offered GIS is modular with single phase CB modules or compartments hence replacement of CB requires certain minimal gas work.	Noted
92	6.1	8 of 49	b. Breaker compartment door shall open and close without obstruction with and without rubber mats laid in front of the switchgear. Door of one panel should not cause hindrance for opening of adjacent panel.	Breaker is fixed type and no doors are required for breaker compartment.	Noted
93	6.12	9 of 49	Each panel shall be provided with test facilities to allow for: a. Voltage testing of the primary circuit at rated voltage with all parts connected to the facility b. Current testing of primary circuit (primary injection test)	Each panel shall be provided with test facilities (Voltage & Current) via dummy cable plugs. In case of panels in which Line PT or Surge arresters are envisaged, cable testing shall be done by removing the Line PT or Surge Arrester.	Noted

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
94	6.13	9 of 49	Operating height maximum : 1600mm	Operating height maximum : 2000 mm	Every effort should be made to limit operating height to 1600mm. However in event of space constraint, deviation in operating height may be considered during detailed engineering.
95	7.1.10	10 of 49	Position detection Through proximity sensors	Position detection shall be through mimic, which is mechanically latched with the device positions and provides true position indication from panel front. Proximity sensors are not envisaged in GIS.	Noted
96	3	33 of 49	CURRENT TRANSFORMERS Type : Solid Insulation Class of insulation Class E or better	Type : Cast Resin Class: E	Noted
97	4	33 of 49	VOLTAGE TRANSFORMER: Type: Shall be cast resin type	Shall be epoxy resin type	Noted

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
98	13.2	13 of 49	Disconnection provision Motorised Disconnecting switch with provision for Manual operation.	1. For Bus Voltage transformer: confirmed 2. Line voltage transformers shall be connected in the inside cone bushing by means of isolating/disconnectable flexible cable to facilitate isolation of the VT's (Without VT's physical movement) for safely performing any high voltage / IR tests at site. No disconnecter-earthswitch is available for line voltage transformers	1. Noted. 2. Noted for Line Voltage 3. Disconnecter earth switch point shall be submitted at the time of Technical Evaluation
99	14.1.1	13 of 49	Cable entry	Offered Switchgear is with bottom cable entry, connected via cable plugs to the inside cone bushings in our GIS. Inside cone bushings provides secured cable connection preventing exposure of any live portion to the atmosphere	Noted

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
100	14.1.2	13 of 49	Bushing extender has to be provided for connecting rear cable directly on panel bushing in absence of front cable. This will enable easy energization of panel with rear cable in event the front cable is faulty. needs to be removed for energizing the panel to bushing ncomer panel in absence of front cable.	We understand that out of 2 run of 400sqmm cable, only one cable shall be terminated at panel and other shall be kept as spare. Provision for cable termination shall be for only 1 run of cable with cable termination kit for 2 runs. Kindly confirm if our understanding is correct.	Provision for 2 runs x 3C x 400sqmm XLPE insulated stranded aluminium cable shall be provided.
101	15	14 of 49	Meters	Additional make of meters shall be Secure/EI measure	No deviation in this regard. Kindly adhere to specification..
102	19	16 of 49	TERMINAL BLOCKS	Shall be as per manufacturer's standard	No deviation in this regard. Kindly adhere to specification..
103	20.1.20	18 of 49	Auxiliary supply: Relays should be suitable for continuous operation at 15% overvoltage	Kindly provide auxiliary supply voltage to be considered for 33kv GIS Numerical potection relay	220 VDC
104	20.3.1	19 of 49	Biased differential protection	We have considered transformer considering 2 winding transformer only	Power transformer is having one Primary and one secondary winding.

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
105	26.2	26 of 49	The type test reports shall all be for the tests conducted within the last five (5) years	The type test reports shall be for the tests conducted within the last 10 (ten) years from date of bid opening. As there is no design change & we do not envisage any fresh type testing, so cost for any type test is not considered. Request you to accept	Noted
106	26.3	26 of 49	Pressure relief device operation: Test certificate for panel to be submitted	Type Test Reports of Pressure withstand test of gas-filled compartments shall be submitted	Noted
107	26.6	26 of 49	Temperature rise test	Offered GIS is type tested for Temperature Rise Test as per IEC, reports shall be submitted during detailed engg	Noted
108	1.10/ Annesure B	32 of 49	Short Time Rating for 3 Sec & Internal arc withstand	As per Technical Particulars: 25kA As per GTP Req: 31.5 / 26.3 kA Kindly confirm the final requirement of STC Rating for 3 sec	Refer SLD provided in specification
109	1.15.4/ Annesure B	32 of 49	Temperature rise	Shall be as per IEC standards	Noted
110	1.17/ Annesure B	32 of 49	Auxiliary DC Supply 220 V DC or 48 V DC	Kindly confirm the final requirement for selection of Protection & Control for 33kV GIS	220 VDC
111	2.5.1/ Annesure B	33 of 49	Break time Not more than 4 cycles	Breaking time < 85ms	Noted
112	2.7/ Annesure B	33 of 49	No. of spare aux. Contacts of Breaker, or Owner's use.	Spare contacts if required shall be provided through auxiliary contactor.	Noted

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113	6/ Annesure B	33 of 49	6.3. Surge Arrestors Discharge Class 3 25.11. Approved Makes Oblum/Tyco/NKT/Nexas	As per IEC60099-4, surge arrestor are classified as Distribution class arrestor and Station class arrestor. For 36kV GIS, Distribution class surge arrestor are used with nominal discharge current of 2.5kA, 5kA & 10kA. Further the manufacturers of Surge arrestors for MV GIS (Makes: PFISTERER, ABB, Siemens) offers inner cone SA. Please accept Surge Arrester with Discharge Class 1 and 10kA Discharge Current Capacity	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
114	13.04/ Annesure E	41 of 49	PT- Primary Fuse	Voltage Transformers shall not be with Primary Fuses; Kindly accept.	Noted
115	12/ Annesure E	41 of 49	CT/PT Specifcation	CT/PT Specifcations , and best VA burden shall be confirmed during detailed engineering	1. Burden shall be finalized during detailed engineering subject to submission of calculations for connected burden with 50% margin. 2. Rest all parameters of CT/PT shall be as per specification
116	12/ Annesure E	41 of 49	Separate Current Transformer for CT-1 for core 1; CT- 2 for core 2.3	All CTs shall be tried to accomodated in single CT itself and 2nd CT shall be provided only if required.	Noted

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117	3.3/SCOPE OF WORK FOR IP Extension GRID S/S	10 of 19	Training on O&M of 33 KV GIS: One day classroom training at BYPL Training Centre and one day onsite training. Training shall be provided by Domain experts only for 2 Days	Noted, Client boarding, lodging and travelling is not in our scope of supply	Noted
118	3.3/SCOPE OF WORK FOR IP Extension GRID S/S	Generic	Cable Cellar Height/Dimension Details	Please provide cable cellar height & dimension details of 33kV GIS SS; Also provide cable trench details if available	1. Kindly go through the tender document for Cable cellar Height and dimension of 33 KV GIS. 2. It's a green field project and hence cable trench detail shall be provided by bidder only. BYPL shall approve the same at the time of Drawing approval
119	20	17 of 47	Protection & Control Equipments	We understand all protection & control equipment to be mounted on GIS LV Compartment. However, after reviewing we found that dimensions of GIS LV Compartment is not sufficient to accommodate control & protection equipments. Therefore, request you to accept separate control & relay panels	Kindly use 400 mm space over LV switchgear and accommodate the control and protection equipment. If required, some equipment can be shifted to lower part of switchgear by making lower part as door. No separate control and relay panel is envisaged.

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120	2	Page 3 of 61	Annexure A: Scope of Work	Design,Manufacturing,Testing,Packing Forwarding of 11kV, 2000A, 26.3kA for 3 sec, IAC 1 sec with Cu Busbars. Any type of 33KV AIS Panels are not in scope of Work. Clause no 1.2: Offered panels are suitable for mounting directly on leveled floor, hence, any base frames are not considered in our scope. Clause no 1.4: Programming software and communication cord shall not be in bidder scope. Clause no 1.5: Please clarify the requirement, we have quoted for 11KV panels only. Clause no 1.7: We have considered only rack in rack out handle and breaker	1. Internal Arc classification shall be 25 KA for 1 Sec. 2. 33KV AIS is not in bidder's scope. 3. Noted for Base Frame 4. Programming software(1 Number) and communication cord (Two pieces of 3 mtrs each) shall be in bidders scope. 5. 33KV AIS is not in bidder's scope. 6. Noted for handle and trolley
121	13.2	Page 3 of 61	Record of Revision: Ammeter	Please confirm if ammeter is to be considered as SLD is showing ammeter.	Ammeter is not required.
122	3	4 of 61	Codes & Standard	Offered panels shall comply only to IEC standards as follows :- Panels - IEC 62271-200 VCB - IEC 62271-100 CT - IEC 61869-1/2 PT - IEC 61869-1/3 Other equipments shall comply to either IEC or national / internal standards. We shall not submit any standards' copies for review.	Noted

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123	4	5 of 61	Service condition: Seismic Zone	Panel shall be suitable for 0.5g acceleration of Seismic capacity.	National Center for Seismology, Ministry of Earth Sciences is nodal agency of Government of India dealing with various activities in the fields of seismology and allied disciplines. As per ministry, Delhi comes under seismic Zone IV and bidder has to comply the same for offered board.
124	5.1	4 of 61	Panel construction: Enclosure degree of protection	Degree of Protection will be IP4x.	Noted
125	5.2	5 of 61	Panel construction: IP protection	We can confirm for IP4X only for low voltage compartment.	Noted
126	5.3	5 of 61	Sheet metal thickness & Materials: Panel construction:	Offered panels are type tested with following design: CRCA, Frame - 2.0 mm, High Voltage Door - as per type tested design, Low Voltage Door - 2.0 mm, Pressure Relief Flaps - 1.0 mm, Partitions between compartments - 2.0 mm, Shutters - 1.0 mm, Partitions between panels - 2.0 mm, Bottom Plate - 2.0 mm, Rear Side Covers - 2.0 mm, End Covers - 2.0 mm. Structure shall be of bolted type.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
127	5.3	5 of 61	Gland Plate: Panel construction:	We can confirm for 2mm gland plate and the same shall be without gasket.	Gland plate shall be as per specification. Noted for without gasket.

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128	5.4	5 of 61	Operating height: Panel construction:	Operating height shall be finalized during detailed engineering.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
129	5.4	5 of 61	Extension of existing make panels: Panel construction:	We have not quoted for the same.	Noted
130	5.6	5 of 61	Separate compartments: Panel construction:	Instrument transformer and cable termination can be part of the same compartment.	Line PT and Bus PT shall not be the part of cable termination compartment.
131	5.7	5 of 61	Transparent Inspection Window: Panel construction:	Inspection window shall be provided for panels having cable termination only.	Noted
132	5.8	5 of 61	BUS End Cable box: Panel construction:	Please clarify the requirement, can't confirm for now.	Not Required
133	5.13	6 of 61	Pressure relief devices: Panel construction:	We shall provide type tested design for the rated IAC 26.3kA/1sec	Kindly provide the exact deviation.
134	5.14	6 of 61	Bus support insulator: Panel construction:	Bus support insulator is not required as per our proven type tested design	Point not clear. Kindly adhere to specification..
135	5.15	6 of 61	Doors – Concealed hinged, door greater than 500mm shall have minimum three sets of hinges : Panel construction:	As per our proven type tested design, Hinges of the door are not concealed	Noted
136	5.16	6 of 61	Cable termination height: Panel construction:	Cable Termination height for 11kV panels will be tentatively 580mm	Noted

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137	5.15	6 of 61	Gaskets: Panel construction:	Offered panels are type tested without the use of any gaskets, hence, any gaskets are not necessary.	Noted
138	5.17	6 of 61	Base Frames : Panel construction:	Offered panels are suitable for mounting directly on leveled floor, hence we don't envisage any requirement of Baseframe.	Noted. Although if required, baseframe shall be in bidder's scope.
139	5.18	6 of 61	handle and Identificaton: Panel construction:	As per bidder standard. However busbar compartment wont have any handle.	No deviation in this regard. Kindly adhere to specification..
140	6.5	7 of 61	Contact: Circuit breaker	Breaker shall have Tulip contacts design as per bidder standard	What is the exact deviation?
141	6.9	8 of 61	Breaker Position: Circuit breaker	Breaker shall have only two position inside the panel i.e service & test. Isolated position will be when VCB is removed from panel.	Noted
142	6.13	8 of 61	Pin Sequence and Configuration Circuit breaker	Same will be confirmed during detail Engineering.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
143	7.1.2	8 of 61	Breaker Compartment Door Closing Functional requirements	Isolated position will be when VCB is removed from panel.	What is the exact deviation?
144	7.1.3	8 of 61	Racking mechanism safety interlock: Functional requirements	The same shall be as per bidder standard.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.

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145	7.1.7	8 of 61	Opening of cable compartment cover: Functional requirements	Clause not clear hence can't confirm.	Opening of cable compartment cover of Incomer Panels inhibited as long as cable end is alive
146	7.2.1	9 of 61	Exposure to live parts: Functional requirements	Clause not clear hence can't confirm.	In case the breaker panel door is required to be opened during a contingency, the personnel should not be exposed to any live part. Suitable shrouds/barriers/insulating sleeves should be provided.
147	7.5.4, 7.5.5	10 of 61	Emergency trip push button contact ,Master trip relay contact: Functional requirements	Clause not clear hence can't confirm.	If emergency push button is pressed or Lock out relay is operated then CB closing command should not go through
148	7.6, 7.7	10 of 61	Supply Bus: Functional requirements	Please note that control supply shall be distributed through Auxilary Buswire	No deviation in this regard. Kindly adhere to specification..
149	8	11 of 61	Surge suppressor	In place of surge suppressor, we shall provide surge arrestor.	Noted
150	10.3 &10.4	11 of 61	Mounting and neutral connection: Potential Transformer	Mounting and neutral connection shall be as per bidder standard.	No deviation in this regard. Kindly adhere to specification..
151	11	11 of 61	Feeder & Bus earthing: Equipment earthing	We shall provide fault withstand type earthing truck one no per switchboard for cable side and bus side earthing. Earthing truck shall not be fault making type. Interlocks shall be as per bidder standard.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.

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152	11.3	11 of 61	Operation from front: Equipment earthing	Requirement is not clear hence can't confirm.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
153	12	12 of 61	Equipment earthing: Equipment earthing	Equipment earthing shall be done as per bidder standard practice.	No deviation in this regard. Kindly adhere to specification.
154	14	13 of 61	AC & DC control supply fail: Indication	We have considered the same for main AC DC only and not for all panels.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
155	14.2	14 of 61	Annunciator	We have quoted for 11KV panels only hence not applicable and not quoted.	Noted
156	15.0.0	15 of 61	Rating of switch & push button: Selector switches and push buttons	Rating of switches and push button shall be communicated during detailed engineering.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
157	15.0.0	15 of 61	Selector switch: Selector switches and push buttons	We don't confirm for shrouded switch	No deviation in this regard. Kindly adhere to specification.
158	15.0.0	13 of 61	Local /Scada selector switch: Selector switches and push buttons	Please specify the requirement clearly.	Local remote switch is required for selection purpose
159	15.0.0	15 of 61	Rotary ON/OFF switches Accept and reset push button of DC fail alarm: Selector switches and push buttons	On/off switch for heater and illumination lamp shall be provided as per bidder standard. Accept and reset push button of DC fail alarm shall be provided for Main DC only. Please confirm	No deviation in this regard. Kindly adhere to specification..

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160	16.0.0	15 of 61	Internal Wiring	Internal wiring shall be as per bidder standard.	No deviation in this regard. Kindly adhere to specification..
161	17.0	16,17 of 61	Terminal blocks	Terminal block shall be as per bidder standard. Spare terminal and clearance between TBs shall be provided subject to space availability. TTB shall be as per Standard DAV make .	(a) No deviation in this regard . Kindly adhere to specification.. (b) Noted for make of TTB
162	18.2.2	19 of 61	REF relay: Relays and protection	REF relay in incomer shall be electromechanical type.	No deviation in this regard. Kindly adhere to specification..
163	18	17-26 of 61	Relays and protection:	We have referred only SLD for protection details. Kindly confirm.	Kindly refer specification for protetion details.
164	18	17-26 of 61	Relays and protection:	We have quoted for approved model only hence features of relays shall be as per the same only.	Relay shall be selected from Approved makes only and relay shall adhere to specification
165	18.1.3 , 18.1.4, 18.1.6, 18.1.7	17-18 of 61	Architecture Programming and configuration Processing Indications Command Processing: Relays and protection	Requirement not clear hence cant confirm.	Kindly get things clarified on phone call

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166	18.1.5 18.1.8	17 & 18 of 61	Scada interface port PC interface port: Relays and protection	Please clarify the requirement , we have considered one rear RJ45 port on IEC61850 and one USB port on front. bidder scope shall end at the port of the relays. Looping, Ethernet switch or any hardware /software etc shall not be in our scope. Protocols wont be selectable at site. We have quoted for IEC 61850 only.	Kindly refer specification as this point seems to be erroneous in nature.
167	18.1.9	18 of 61	User Interface: Relays and protection	Not all setting and parameter can be changed.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
168	18.1.12	18 of 61	Event & Fault Records: Relays and protection	Cant confirm .	No deviation in this regard. Kindly adhere to specification..
169	18.1.13	19 of 61	Analog measurement : Relays and protection	Analog measurement shall be as per relay selected. Outgoing relays shall not have measurement for voltage and related parameters.	No deviation in this regard. Kindly adhere to specification.
170			DI/DO of numerical relay: Relays and protection	Please provide the signal list , we have not received the same. Change in offered DI/DO shall have price implication.	Kindly refer 18.14 of specification number "SP-HTSWG-01-R6" for DI /DO list
171	18.1.17	18 of 61	Test Facility: Relays and protection	Please clarify the requirement in detail, We don't envisage the same	Numerical relay shall have Inbuilt test plugs for testing purpose
172	18.2.1	19 of 61	PT supervision: Relays and protection	Offered panels have MCBs for PT secondaries instead of fuses, hence, any fuse failure relays is not necessary.	PT primary must have fuses and hence fuse failure relay is required.

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173	18.6	20 of 61	Protection relay for capacitor panel	We have assumed there is one RVT only. PT supervision is not applicable	Noted
174	18.7 -18.13	20-24 of 61	33KV protections: Relays	We have quoted for 11kV panels only hence not applicable.	Noted
175	18.14	24 & 25 of 61	Scada interfacing: Relays	DI-9, DI-10, DI-11, DI-12 : Requirement not clear hence cant confirm. DI/DO shall be as per Offer submitted, change in the same shall have suitable price implication.	DI-9 is for AC supply fail. DI-10 is for adjacent panel DC fail. DI-11 is for adjacent protection relay fail. DI-12 is for PT MCB trip(metering and protection, for incomer and capacitor panel only)
176	18.14	24,25 of 61	Looping of numerical relay: Relays	Looping of numerical relay is not in our scope.	Kindly go through tender document for the same.
177	18.15	25 of 61	Transformer monitoring cum AVR relay: Relays	We have not considered the same.	Noted
178	18.16.1	24 of 61	Timer: Auxiliary relay general feature	Timer can be inbuilt part of main numerical relay.	Noted
179	18.16.4	26 of 61	Operation indicators: Auxiliary relay general feature	Available only for numerical relay	No deviation in this regard. Kindly adhere to specification
180	18.17.1	26 of 61	Antipumping relay, TCS relay: Auxiliary relay general feature	We have not considered antipumping relay as anti-pumping is an in-built feature of our VCB. TCS shall be part of numerical relay.	Noted

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181	18.17.2, 1.7.17.3,1.7.17.4	26 of 61	PT selection relay, switchgear with two incomer and buscoupler, auxiliary relays, coupling relays, transducers etc: Auxiliary relay general feature	Please clarify more in details about these requirement, presently we have not considered the same.	No deviation in this regard. Kindly adhere to specification.. Clarification can be sought on requirements on joint call
182	18.18	26 of 61	Continuous overvoltage.: Auxiliary Supply	Suitability of component with overvoltage can be commented only during detailed engineering, we cant confirm for the same.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
183	20	27 of 61	Ethernet switch	Please confirm if Ethernet switch shall be in Switchgear manufacturers scope. Please limit the scope of Swithgear manufacturer	Ethernet switch shall be in bidder's scope.
184	21	28 of 61	Space heater location	Space heater mounting and its location shall be as per bidder standard practice.	No deviation in this regard. Kindly adhere to specification.
185	21`	28 of 61	Switch & Sockets	We don't envisage Lamp in cable chamber. Socket shall be of bidder standard.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
186	23	28 & 29 of 61	Name Plates & Marking	Name Plates, marking, identification mark, label shall be as per Siemens standard.	No deviation in this regard. Kindly adhere to specification.

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187	24	29 of 61	Surface Treatment & Painting	Painting shall be as per attached bidder standard painting procedure.	No deviation in this regard. Kindly adhere to specification.
188	25	30,31 of 61	Inspection ,testing & Quality assurance	Inspection and Testing shall be as per bidder standard FAT and QAP. Only fully assembled switchboard shall be offered for inspection of routine tests. We shall submit test certificates of bought out items and no separate tests shall be conducted on these equipments at our works. Inspection shall be carried out as per our standard quality assurance plan. Any type test is not considered in our scope. However, we shall submit type test reports for type tests carried out on similar product. Any stage inspection is not envisaged. Type test report can be older than 5 years in case of no design change, please note that we dont envisage performing or repetition of any type test.	Noted. Although routine test shall be conducted as per relevant IS/IEC.
189	26	31-33 of 61	Drawings & Data Submission Matrix	Drawings and Documentation shall be as per bidder standard Engineering Documentation. Relay setting data shall be provided by the BYPL.	Kindly go through document submission matrix for the same. Relay setting shall be provided by BYPL.
190	27	33,34 of 61	Packing	Packing shall be done as per bidder standard suitable for indoor storage only.	Noted

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191	32	35,36 of 61	Accessories & Tools	We don't envisage any accessories & tools except for breaker movement trolley if applicable and rack in rack out handle.	Noted
192		36-39 of 61	Transformer monitoring cum AVR relay: Annexure -B	We have not considered the same in our scope.	Noted
193	24	29-30 of 61	MFM Make: Approved Make of componanats	Multifunction meter will be of Secure / Schneider Conzerv / Rishab make. Request you to kindly approve the same. We have not considered Schneier make PM8000 in our scope.	No deviation in this regard. Kindly adhere to specification.
194	24	29-30 of 61	Wire Make: Approved Make of componanats	Wire Make will be Polycab / RR Kabel / Rolliflex. Request you to kindly approve the same.	Control cable Approved Make- Universal/KEI/GEMSCAB/Polycab/Torrent/ Sterlite
195	24	29-30 of 61	Test Terminal Block: Approved Make of componanats	We have consider TTB Make as DAV but in the approved make DAV is not available. Kindly Approve DAV make TTB.	Noted
196	24	29-30 of 61	Steel and other component not mentioned in this list: Approved Make of componanats	Make of steel and other component which make is not mentioned shall be as per bidder approved vendor.	Noted
197	1.5, 1.6	44 of 61	Voltage and Frequency Variation: Annexure C	Voltage and Frequency Variation will be as per IEC	It shall be as per IS.

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198	1.14.0	44of 61	IP protection: Annexure C	We can confirm for IP4X only for low voltage compartment.	Noted
199	1.15.1	40 of 61	Main Busbar Material: Annexure C	Main busbar material Considered is Electrolytic Copper in offered panel .	No deviation in this regard. Kindly adhere to specification.
200	1.15.0	44 of 61	Busbar sleeve: Annexure C	For 11KV NXAir panels: Offered panels are type tested as per IEC 62271-200 without the use of any busbar shrouds, sleeves, insulation and phase barriers (in cable chamber). Hence, these are not necessary.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
201	1.15.3	44 of 61	Colour coding: Annexure C	RYB stickers shall be provided for phase identification.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
202	1.15.4	44 of 61	Temperature Rise: Annexure C	Temperature Rise will be as per IS / IEC	Noted
203	1.16.0	44 of 61	Auxiliary Busbar : Annexure C	Offered panel is considered with Auxialiry bus wire instead of Aux busbars.	Noted
204	1.17.0	45 of 61	Auxiliary DC supply: Annexure C	We have considered 220 VDC only.	Noted
205	1.19.0	45 of 61	Hardware: Annexure C	Hardware used in panel shall be as per standard type tested design.	Noted
206	3.2	45 of 61	CT Type: Annexure C	Offerd panels are type tested with Wound type CT & we have offered the same.	Noted

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
207	3.6	46 of 61	CT / PT burdens and PS class CT details: Annexure C	Exact suitable CT / PT burdens and PS class CT details shall be informed during detailed engineering subject to manufacturers' confirmation.	1. Burden shall be finalized during detailed engineering subject to submission of calculations for connected burden with 50% margin. 2. Rest all parameters of CT/PT shall be as per specification
208	5.0	46 of 61	FUSE: Annexure C	We understand the same is for PT , please note that rupturing capacity shall be as per manufacturers recommendation.	Noted
209		49 of 61	Spares: Annexure E	Item no 7, 8,10,11,12,13,14,15,16 needs more clarification.	Clarification can be sought on joint call.
210		50-61 of 61	SLD	Kindly share Main SLD with all panel included so that panel sequence is known.	Same shall be finalised during detail engineering. Although for panel sequencing, kindly refer First floor layout of IP extension grid substation which is the part of tender document.
211		50-61 of 61	SLD	SLD refers to SF6 / VCB for 11kV Switchgear. We have offered VCB.	Noted
212		50-61 of 61	Meters: SLD	As per the note, we have not considered any meters in our scope.	Meter point already clarified.
213		50-61 of 61	Antipumping relay: SLD	We have not considered antipumping relay as anti-pumping is an in-built feature of our VCB.	Noted
214		50-61 of 61	Burden of Instrument Transformer: SLD	Burden of instrument transformer shall be as per actual load connected subject to design feasibility.	Instrument transformer point already clarified
215		50-61 of 61	CT of Buscoupler: SLD	CT of Buscoupler shall have primary current of 2000-1600 Amps	Kindly adhere to specification.
216		50-61 of 61	Cable run of incomer: SLD	3 runs of cable termination arrangment per phase considered for incomer.	Noted

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
217		50-61 of 61	Cable cum busbar chamber: SLD	We are not clear about the same hence cant confirm.	Point not clear.
218		50-61 of 61	TCS: SLD	TCS can be inbuilt part of main numerical relay, separate relay shall not be provided in that case.	Noted
219		50-61 of 61	Potential transformer: SLD	We have not considered any potential transformer or BPT in capacitor feeder hence equipment related to the same has also not been considered like voltmeter.	PT shown in capacitor feeder is Bus PT. Bus PT shall be in bidder's scope.
220		50-61 of 61	RVT input to capacitor feeder: SLD	We have considered single RVT input to the relay of capacitor feeder,	Noted
221		50-61 of 61	Drawings: SLD	Please note that we have not considered any dummy panels for beam crossover or for reduced depth. If required the same shall be provided with suitable price implication.	Kindly refer P-160 of 877, Clause No 3.2.1 and 3.2.4, panel arrangement also includes Dummy Panel wherever applicable to avoid fouling with beams, columns or any other structure
222		50-61 of 61	Drawings: SLD	We have referred grid SLD only in drawings document. We have quoted panel with assumption that panels will be installed in single line .	Noted
223		50-61 of 61	67,67N: SLD	Please confirm in which feeder directional protection is required.	Kindly refer Clause Number 18 i.e. relays for protection feature purpose
224		50-61 of 61	52X: SLD	Breaker contact multiplication can be provided with aux contactor.	Noted

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
225			Arc Flash Protection	We have offered Light Based Arc Flash Protection. Kindly confirm.	Kindly provide the exact deviation with proper page number and clause number.
226		50-61 of 61	Rated current : IN panel Rating: General	In Offered panels ,IN Panel /Feeder rating are considered as the CT primary rating.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
227			Ambient Temperature : General	Ambient Temperature Considered is 50 Deg C	Noted
228			Power Cable and Control Cable Entry: General	From Bottom	Noted
229	3.f RTU/ DCU Enclosure	pdf sheet no. 786 of 877	It should have a roof mounted exhaust fan with a removable screwed covering, to be used as an alternative in case of AC failure.	We understand that the RTU panle shall be placed in air-conditioned Room.So,separate exhaust fan is not required.	This item is required in case of aircon failure.
230	3.f RTU/ DCU Enclosure	pdf sheet no. 786 of 877	It should have a roof mounted exhaust fan with a removable screwed covering, to be used as an alternative in case of AC failure.	The mounting of exhaust fan if required shall be decided during engineering stage.	Noted
231	3.f RTU/ DCU Enclosure	pdf sheet no. 786 of 877	A minimum 30% free space should be provided for spares for future expansion.	We understand that 30% free space will increase the panel space and will make the panel bulky.So,we request to restrict this upto 10% only	30 % free space is required for future expention.

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
232	3.f RTU/ DCU Enclosure	pdf sheet no. 786 of 877	Table 3.f [1] BYPL approved Makes S.No. Make 1 Rittal	We request the customer to consider other make Panels also,as single make will lead to monopoly situation .	This make is tested and verified for us.
233	3.g RTU/ DCU Enclosure	pdf sheet no. 787 of 877	RTU/ DCU should be modular and expandable	Our offered RTU shall have facility for expandability.But any future requirement shall be arranged on price basis in future	Noted
234	3.i RTU/ DCU Commissioning	pdf sheet no. 790 of 877	Final point-to-point testing from SCADA Center is to be necessarily cleared before SAT.	We understand that any integration work with SCADA Centre shall not be in bidder scope.Our scope shall be limited upto sub station end only	All data send to SCADA centre on IEC 104 protocol which will comes under point to point testing. Any issue at SCADA centre will be taken care by BYPL.
235	3.j Time synchronization and SOE	pdf sheet no. 790 of 877	A dedicated GPS signal from the SCADA MCC & BCC (FEP) will be provided for the synchronization of the entire system	We understand that a dedicated separate GPS is not required	SCADA centre GPS will be use for time synchronization.
236	3.k Response Times and I/O Capacities	pdf sheet no. 791 of 877	Table 3.k [2] Typical I/O capacities for a substation Digital Input 8192 Digital Output 2048 Analog Input 2048 Analog Output 512	Please provide a clarification regarding the qty mentioned. We understand that this is combination of Hardwire IO & Soft IO capacities of the substation. Whether all this inputs will be hooked up with RTU	YES

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
237	3.o Interchangeability & Future Extendibility	pdf sheet no. 794 of 877	Each module and switch links of the RTU/ DCU and Network Automation system should have Hot Swap feature i.e., at the time of removal/ insertion of modules and switch links, the system should not become faulty and automatically recognize the new module and switch link without any need of system reboot.	The Hot Swap Feature poses risk of Safety for the personal doing maintenance. In addition to that also it may lead to malfunction of device if the activity is not properly and carefully carried out.	Noted
238	6 Pre- Dispatch Inspection (FAT) & Minimum Testing Facility	pdf sheet no. 797 of 877	3) Simulation of RTU/DCU & SCADA Network Connectivity , data acquisition from IEDs/MFM and functionalities like: Hot Swapping		Noted
239	8 System Spares, Tools & Software Tools with Licenses	pdf sheet no. 786 of 877	4. Control Cable	We understand that any type of control cable is not under the scope of supply. So, the same as spares is not required	Auxiliary control cable

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
240	3f.RTU/ DCU Enclosure	pdf sheet no. 786 of 877	RTU/ DCU enclosure should be suitably sized minimum 800mm to accommodate all RTU/ DCU and network accessories, self-standing, fabricated 14 gauge, CRC sheet, duly powder coated paint (RAL 7032 Siemens Grey Structure Shade) with black color plinth and IP class IP5X protected suitable for both indoor and outdoor installations.	We understand that RTU panel shall be placed in indoor Panel.Pls confirm	YES
241	3f.RTU/ DCU Enclosure	pdf sheet no. 798 of 877	The whole RTU/ DCU hardware should be housed in an energy efficient Air Conditioned cabinet with temperature and humidity controller	Kindly clarify the requirement as the RTU Panel shall be palced as Indoor Panel with air-conditioning	To maintain tempreture and humidity inside RTU panel for smooth funtioning of all electronics.
242	3.g RTU/ DCU System	pdf sheet no. 787 of 877	It should have a under voltage and earth leakage detection svstem.	We shall offer reverse voltage,overlaod & Short-ckt Protection.Pls acknowledge	Noted

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
243	30		Annexure –C-Technical particulars: Partial discharge is 10 Pico C	We inform you that as per IEC, PD is applicable for 72.5kV & above. As our requirement is of 33kV, Partial Discharge requirement is not applicable. Hence kindly this clause to be deleted from <u>Technical Specification</u>	Noted
244	8.0 Approved makes of Components		BSES approved makes	Other makes has been added for some of the components as mentioned in next sheet in red colour. All other components other than mentioned in the Technical Specification shall be sourced from Toshiba approved sources. Request you to incorporate the same	1) Porcelain Bushing : Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation. 2) NIFPS: TSPL/EASUN-MR is not acceptable
245	12.2 Routine Tests		22. Temperature Rise Test 23. Impulse Test one random sample selected b). Temperature Rise Test may be carried out on 100% order quantity at the manufacturer works or Third Party Lab	Temperature Rise & Impulse Tests are Type Tests. Hence we shall carry these tests on only one unit per design. Kindly confirm	Noted
246	Clause No.11.4.i		Dynamic & Thermal short circuit test short circuit test as per IS	We will submit our Higher Rating Type Test Report of 28MVA. Kindly arrange to provide waiver for this test considering our Higher Rating Dynamic Short Circuit test report. Thermal ability shall be demonstrated through calculation	Noted

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
247	Cl.No.4.4.3		It shall be double O ring type sealing arrangement seating over a double groove made in transformer tank & top cover	We shall provide over a single groove instead of double. Kindly confirm	No deviation in this regard. Kindly adhere to tender document.
248	Clause No.11.3.ii		Temperature rise test as per IS	We bring to your kind notice that because of test facility constraints, these tests shall be performed by applying 80% of rated current as per Clause No.5.2 of IS 2026 (Part 2). Kindly confirm	In temperature rise test complete transformer losses are to be injected to the transformer to check the Oil and winding temperature rise. Please comply
249	1.10 of NIFPS Spec		Type Tests for NIFPS	We will submit Routine Test Reports for NIFPS. Kindly confirm	NIFPS CTR make is acceptable
250			TYPE TEST	We here by confirmed that we could not consider any new Type Test in our offer, Only Routine Test will be consider at the time of BYPL inspection. Note Short Circuit Test from NABL accredited laboratory is not envisaged & hence not quoted. We shall provide similar or higher rating type test report.	Except Short circuit test remaining tests are to be carried.
251			Short Circuit Test	Approved Manufacturer will not do short circuit test for these ratings. We will submit the short circuit test report for same or higher rating transformers.	Noted

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
252			TYPE TEST	We here by confirmed that we could not consider any new Type Test in our offer, Only Routine Test will be consider at the time of BYPL inspection. Note Short Circuit Test from NABL accredited laboratory is not envisaged & hence not quoted. We shall provide similar or higher rating type test report.	Noted. Please provide the BIS license and also type test reports of DTs for review.
253			Spares	As the spares of Trafo is not defined in the TS so we will only supplied Approve Transformer recommended spares.	Noted

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
254			Fire Protection System	<p>In the scope of Supply of Fire Protection System we have to supply only following please confirm:</p> <ol style="list-style-type: none"> 1. 4.5kg CO2 - 3 No. 2. 22.5kg CO2 - 4 No. 3. 6kg ABC (MAP 90) - 3 No. 4. 75kg ABC (MAP 90) - 1 No. 5. Stand with 4 Buckets (Sand Filled) - 2 no. 6. Automatic Fire detection System for Panel Room / Switchgear Room and cable galleries / cable cellar. <p>In addition to that TS asks for Fire Hydrant System, For which our understanding is that it is not require as there is only 2 No. Power Transformers are place outside the S/S building & for that we already supply NIFPS system.</p>	Kindly adhere to spcification of fire protection system. Although fire hydrant system shall not be required as it is an Indoor type of Grid S/S.
255			<p>Fire Resistant Coating</p> <p>a) On all cable specified in "Scope of Supply" and "Free issue Items"</p> <p>b) Fire rating-4 hours</p>	As per our understanding Fire Resistant Coating will require at both end of Power Cables with length of 1 Mtr. Each side, Please confirm	Noted
256			Cable Sealing System For all cables entering and exiting the Substation Building	Request to decrease the Spare Quantity requirement of this costly item from 30% to 10% as there is no Future Power Transformer coming.	Point not clear. Kindly provide page number and clause number for the same

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
257			Cable Sealing System For all cables entering and exiting the Substation Building	Request to approve more makes like UGA SYSTEM-TECHNIK GmbH & Co. KG	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
258			Furniture Requirement in Video Surveillance System	Here our understanding is that we could not consider any type of Furniture under Video Surveillance system other than mention in civil BOQ Item No. 19 & 20.	Noted
259			Moisture and Hydrogen Gas Monitoring System	It is a Costlier Component need to be imported. The delivery lead time is also very high. Kindly confirm that this equipment is not to be required.	This item is required.
260			Moisture and Hydrogen Gas Monitoring System	If Require then please provide us approve make list.	There is no such Approved make list. Kindly get make approval at the time of technical evaluation
261			11 kV Auto Switched Capacitor Bank	As per our understanding is the requirement is of Indoor type please confirm	Yes
262			Insulated Floor Coating	In regular practice we do the Insulated Floor coating only inside the Switchgear room, please confirm here also	Insulated floor coating shall be provided for For Switchgear Room, Battery Bank Room, ACDB, DCDB Room, Capacitor Bank Room
263			Supply BOQ Sr. No. 58 & 59	Request you to share the approve makes for the same.	There is no such Approved make list. Kindly get make approval at the time of technical evaluation
264			SF6 Gas Handling Kit	Our understanding is that under this item we have to consider 1 No. Kit only as there is a Kit requirement in the Spares of 36kV GIS also. Please confirm	Noted

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
265			Numerical Relays	<p>We confirm the make & model is of same relays as we supplied at IP Extension end. Also</p> <p>As per our understanding in this ETC of Line current differential relay for remote location, Please confirm the following:</p> <ol style="list-style-type: none">1. Please define the Locations where they are need to be installed.2. Confirm the space availability in the Panels.3. There is no warranty considered by us for remote panels.4. Laying & Supply of any control cable outside the remote panel is not in bidder scope.	<ol style="list-style-type: none">1. Location shall be provided at the time of Drawing Approval. Although all locations are in DELHI only.2. Space is available.3. Noted4. Noted.

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
266			Exhaust and Ventilation system & Air Conditioning	<p>In the scope of Supply of Exhaust & Ventillation we have to supply following please confirm:</p> <ol style="list-style-type: none"> 1. Exhaust Fan in 1 No. Switchgear room – 3 no’s heavy duty with sweep of 600mm 2. Exhaust Fan in 1 No. Battery Room – 2 no’s with sweep of 600mm 3. Exhaust Fan in 1 No. Toilet – 1 no (200mm domestic exhaust fan) 4. Industrial type wall mounted Fan in 1 No. Battery room – 1 No, air circulator 600mm 5. Industrial type wall mounted Fan in 1 No. Control room – 3 No’s, domestic 450mm sweep 6. Industrial type wall mounted Fan in 1 No. Switchgear Room – 4 No’s, air circulator 600mm. <p>In addition to that under AIR Conditioning, we have to consider 6 No. (1.5 TON 5 star) AC only for Switchgear Room & 1 No. (1.5 TON 5 star) AC only for RTU Room, Please confirm</p>	Note that exhaust fan number and sweep shall be derived from heat calcualtion. Hence kindly do the calculations and bid accordingly.Also note that Ceiling fan shall be required instead of Wall mounted fans.
267			Cable Support Structure & clamping arrangement & Channel Angle Arrangement	Please share the drawing, or please confirm in the event of award of order bidder is free to fabricate as per the site requirement.	Bidder is frre to fabricate as per the site condition. Although prior approval mus be taken from BYPL for the same.

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
268			Special Tools	Under this line item we consider as per manufacturer recommendation only.	Noted. Although any tool required for O&M purpose must be included.
269			Accessories	Under this line item we consider as per manufacturer recommendation only.	Noted. Although any accessory required for O&M purpose must be included.
270			Recommended & Mandatory Spares as per Specification	We will only consider the following spares under this supply BOQ Item mention on pages: 1. On Page 23 & 24 of 50 of ts of SCADA. 2. On Page 35, 46 of 83 of ts of Power transformer (SP-TRPU-01-R6). 3. On Page 40 & 49 of 61 of ts of 11kV AIS (SP-HTSWG-01-R6). 4. On Page 12 of 20 of ts of Cap Bank (SP-IASCB-196-R0). 5. On Page 35 & 36 of 49 of ts of 36kV GIS (SP-MVGIS-24-R6), other than Gas Filling device & SCADA spares because of repetition.	Kindly refer tender document for the same. Kindly come up with deviation if any.
271			Soil resistivity	Kindly provide us the soil resistivity values for the design of earthing of substation.	Use 50 ohm-m for designing the earthing of the substation.
272			Online gird earth monitoring system (BOQ Supply Item No. 45)	Kindly provide approved make list for the same.	There is no such Approved make list. Kindly get make approval at the time of technical evaluation

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
273			Power Cable trench	Request to indicate 33kV Incoming and 11kV Outgoing cable route within plot with redundancy in order to consider the trench accordingly.	Power cable trench can only be finalised after final layout of building and transformer. Although two trenches shall be required to maintain N-1 redundancy. For reference purpose, One shall go along the distribution transformer side to main road while other shall go along power transformer side to main road.
274			LT Power Cable	Specs mentions standard sizes, which starts from only 10Sqmm, For aux power to Switchgear and trafo 2.5 , 4 Sqmm is required , Hence same shall be considered. Also not all sizes shall be used as mentioned in specs and shall be as per requirement. Kindly confirm.	Cable sizes can only be finalized at the time of detailed engineering.
275			LT Control Cable	Specs mentions standard sizes of two crosssections 6C & 10C x 2.5 Sqmm. We shall consider the control cable with no of cores as per requirement and with 10% Spare cores . Kindly confirm.	No deviation in this regard. Kindly consider 6C and 10C 2.5 sqmm control cables only.
276			Fire retardant coating	Fire retardant coating needs to be applied to all 33kV, 11kV , LV power & Control cables for full length within plot area. Kindly confirm on the scope and requirement.	Only 1 meter on both sides of termination shall be provided.
277			415V ACDB	Second incoming source to ACDB details I not clear and hence LV cable and termination for the same is not in our scope. Kindly confirm.	Noted

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
278			Fire retardant coating	Fire reatardant coating needs to applied to all 33kV, 11kV , LV power & Control cables for full length within plot area. Kindly confirm on the scope and requirement.	Only 1 meter on both sides of termination shall be provided.
279			Furniture Requirement in SCADA	Here our understanding is that we could not consider any type of Furniture under SCADA system other than mention in civil BOQ Item No. 19 & 20.	Noted
280			Licensed programming software	Request to make a Line Item in BOQ for the same	No need to make a different line item for the same.
281			Faulty Material Replacement any SCADA materials found faulty during warranty period should be replaced within two weeks	Any SCADA materials found faulty during warranty period will be replaced within 4-6 weeks for Imported items.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
282			Inspection	We will not consider any type of Travelling, Loadging, Boarding & 3rd party cost at the time of FAT & training.	Noted
283			Laptop & Software	We will not consider any supply of Laptop & Software other than mention in the particular item specs, please confirm	Noted
284			Clarifications & Deviations	We request BYPL to share the Clarifications & Deviations of other bidders also	Tender document shall remain same

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
285			Shutdown	If Shutdown is require in executing the Project then BYPL inform us Shutdown atleast 15 days before, Also Providng & coordination of shutdown is in BYPL scope.	Shutdown has to be applied by bidder 15 days before the work.Providng & coordination of shutdown is in BYPL scope.
286			Scope of Work & Coordination with Statutory bodies & outside agencies	In tender document, We found that Coordination with Statutory bodies & outside agencies are in bidder scope, Request you please remove this from bidder scope we will ensure you that when BYPL apply for any type of statutory approval for said substation bidder will help in Preparing all the documentation / drawings	No deviation in this regard. Kindly adhere to the tender document.
287			AMC	As per our understanding there is no requirement of AMC in this tender, please confirm	Tender document shall remain same
288			Quantity Variation	Please Define the %age of Quantity Variation in this Tender	Tender document shall remain same
289			For Quantity calculation of BOM Lot Material	Tender Layout & SLD we considered for calculating the Quantity Calculation of BOM Lot Items	Kindly refer tender document for the same.
290			We understand that Other than CEIG Approval no Saturatory Approvals considered by bidder	Please confirm	It is bidder who has to evaluate the same. As per tender document, any permission from various external and internal agencies other than tree cutting shall be in bidder's scope.

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291			Construction Water & Electricity	As per our understanding it is in Bidder Scope, please confirm	Construction power can be provided on chargeable basis. Bidder has to apply for connection to BYPL and connection shall be released as per latest guidelines. Although construction water shall be arranged by bidder only.
292			Type Test Reports	For some equipments, the type tested design has not changed though the type test reports available are older than 5 years. Generally, as per manufacturing practice, we repeat the type tests only when there are changes in the type tested design. So no type tests/specific tests/special tests are taken into consideration for any equipment.	Noted
293	SCC	11	Warranty / Defect Liability Period	As per our understanding the Warranty / Defect Liability Period requirement is of 24 months & no other warranty of particular equipment is required in this tender please confirm	Tender document shall remain same
294			FO Cable	As per our understanding FO Cable Laying & other accessories outside the substation is not in bidder scope.	FO cable laying is not in bidder's scope. Although LIU and Patch cord associated to it is in bidder's scope.
295			Power cable Laying & termination	As per our understanding Power Cable Laying & Terminations outside the substation is not in bidder scope.	Noted
296			Fencing Around 2 Power Transformer	Please confirm the requirement.	A proper fencing around transformer shall be provided to curb any birdage/unwanted material on Power transformer and result in Outage.

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
297			NIFPS	NIFPS requirement is mention in the Tender BOQ but not in scope of work, please confirm the requirement.	NIFPS supply and installation is part of Bid.
298			Painting of Feeder names (SCADA code, Asset Code, etc)	Requirement is mention in the Tender scope of work but not mention in tender BOQ, please confirm under which line item we Quote the same.	Painting of Feeder names (SCADA code, Asset Code, etc) is part of bid.
299			SLD of Grid Covered in Acrylic Sheet	Requirement is mention in the Tender scope of work but not mention in tender BOQ, please confirm under which line item we Quote the same.	SLD of Grid Covered in Acrylic Sheet is part of bid.
300			Dismantalling scope	There is no Credit facility will be provided by bidder under the Dismantalling scope.	Tender document shall remain same
301			Dismantalling Material	Please define the Location where the dismantalling Material will be handed over.	Stores of BYPL are within Delhi premises. Most probably it will at Ghazipur or Shahadara Store.
302			Tree Cutting	Cutting of Trees & permission of cutting the tree from concern statutory body is not in bidder scope.	Noted

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
303			ETC BOQ Line Item No. 64 to 68 Training on O&M of 33 KV GIS, Numerical Relays, 11KV Switchgear, NIFPS & IEC61850: One day classroom training at BYPL Training Centre and one day onsite training. Training shall be provided by Domain experts only	Noted, Here our understanding is that One day each training shall be conducted at BYPL Training centre Delhi & BYPL IP Extension Site. Training shall be provided on O&M of said equipment, there is no In-hand material will be provided during training. Any type of BYPL or consulatnt boarding,lodging and travelling is not in bidder scope.	Noted
304			Relays	In trial 7SR5 series relays has been found very satisfactory. Hence we request you to kindly accept this relay in Motia Khan as well as IP Extension tender.	No deviation in this regard. Kindly adhere to specfication.
305			Relays	Bidder is free to use any BYPL approve make relays in 11kV AIS & 36kV GIS.	Noted.
306	4.1.5	4	Interface to Transformer	40NB Valve required	Power transformer supply in bidder's scope and hence valve parameters shall be fetched from bidder

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
307	4.1.6	4	Enclosure a. Powder Coated Galvanised Iron b. Powder Coating Thickness- Minimum 70 Micron c. Galvanization Quantity- Minimum 610g/mm ²	Cast Alluminium Enclosure with C5M Marine corrosive coating	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
308	4.1.10	4	Display Type	OLED Display	Noted
309	4.1.16.1	5	Range	25 to 5000 ppm	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
310	4.1.16.2	5	Accuracy	20% of reading or 25ppm, is greater	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
311	4.1.17.1	5	Range	Not Available as it depends on oil type & aging condition of oil	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
312	4.1.17.2	5	Accuracy	± 3 %	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
313	4.2.1.2	5	SCADA Communication Parameters	Not Available as it depends on oil type & aging condition of oil	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.

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314	TECHNICAL SPECIFICATION FOR 33KV GAS INSULATED SWITCHGEAR : 6.4/6.5	181/182	HV Cable Compartment/Low Voltage Compartment	We confirm IP 65 for Gas compartments & IP 4X for Low Voltage compartments. However since there are operating apertures in Drive mechanism on the operating facia, we confirm IP 3X for the same.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
315	TECHNICAL SPECIFICATION FOR 33KV GAS INSULATED SWITCHGEAR : 6.6.1	182	Passive Protection from internal faults	The offered equipment is type tested for IAC withstand as per IEC 62271-200 guidelines. We have not considered any additional passive protection devices for internal arc.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
316	TECHNICAL SPECIFICATION FOR 33KV GAS INSULATED SWITCHGEAR : 6.9	183	Interchangibility	The CB of the GIS is of fix installed type, not interchangeable like AIS. The CB cannot be replaced with the busbar live, but the total panel can be taken out of the switchboard alignment within a reasonable short time without any gas works. The gap of this panel can be easily closed with a busbar connector module	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
317	TECHNICAL SPECIFICATION FOR 33KV GAS INSULATED SWITCHGEAR : 6.10'	183	Doors & covers	Breaker compartment door is not applicable for GIS.	Noted
318	TECHNICAL SPECIFICATION FOR 33KV GAS INSULATED SWITCHGEAR : 6.12	184	Test facilities	We do not require any additional adaptors for voltage or current testing. Thus, not included the same.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.

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319	TECHNICAL SPECIFICATION FOR 33KV GAS INSULATED SWITCHGEAR : 7	184/185	Circuit Breakers	Indication of switch positions is carried out via mechanical indicators which are directly linked to the drive mechanism Over voltage suppressers are not included in our scope of supply	Noted for Switch positions. Surge Suppressor shall be in bidder's scope.
320	TECHNICAL SPECIFICATION FOR 33KV GAS INSULATED SWITCHGEAR : 12	188	Current transformers	Current transformers are foil insulated toroidal-core current transformers mounted outside of the gas compartments on earthed housing components (not subject to dielectric load from the high voltage) The VA burden requirement of Numerical series relay is less than 1 VA on CT circuit. It is also very difficult to get a high VA burden in Ring Core CTs as asked for in the specification. We therefore suggest that VA burden of both metering & protection core should be 5/7.5 VA. This is more than sufficient to take care of the protection requirement. Also the CT burden calculation for protection, metering and differential protection shall be submitted during detailed engineering. Suitable ISF will be mentioned in the SLD during detailed engineering time.	Noted subjected to calculations

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321	TECHNICAL SPECIFICATION FOR 33KV GAS INSULATED SWITCHGEAR : 13	188	Voltage Transformer	Voltage Transformers shall be metal clad inductive type. Primary fuse is not applicable for the VTs. The same are provided with disconnecting switches for earthing the PT winding when disconnected from the system. The VT Burden specified is much on the higher side. Since for protection and metering are through numerical relays, the burden requirement will very less. We propose 30VA burden per phase & shall substantiate this with suitable calculations during detail engineering.	Noted subjected to calculations

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322	TECHNICAL SPECIFICATION FOR 33KV GAS INSULATED SWITCHGEAR : 18/18.2	191	Control Wires	<p>The drive cabinet will be wired according to bidder Electric design.</p> <p>For LV Compartment Standard single-core non-screened PVC cable is used.</p> <p>The following core cross-sections are used:</p> <p>Bus wiring for Panel AC & DC distribution between panels 2.5mm² black / Gray, CB , disconnector basic circuits: 1.0mm² Black (Standard)</p> <p>Control, interlock and remote signaling circuits: 1.5 mm² Gray</p> <p>Releases and mechanism motors: 1.5mm² Gray</p> <p>Conventional current transformers: 2.5mm² R, Y, B, Black, green</p> <p>Conventional voltage transformers: 1.5mm² R, Y, B, Black, green</p>	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.

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323	TECHNICAL SPECIFICATION FOR 33KV GAS INSULATED SWITCHGEAR : 20	192	Protection relays	<p>The main protection relays shall be of numerical type, communicable on dual rear RJ 45 port. We shall offer Easergy P3 series relays. Auxiliary protections shall be catered through electromechanical relays.</p> <p>On each panel one numerical relay shall be with graphical LCD display. Relay-2 if applicable shall be with alphanumeric display.</p> <p>For Incomers, distance protection has not been considered. Relay for Line differential protection has been considered.</p>	<ol style="list-style-type: none"> 1. Numerical relays shall be as per specification. 2. SCADA communication shall be on IEC 61850 protocol with dual fibre optic port having PRP compatibility. 3. Kindly elaborate about auxiliary protection. 4. Numerical Relay shall be as per specification 5. For incomers, Line differential cum distance protection type relay shall be considered.
324	TECHNICAL SPECIFICATION FOR 33KV GAS INSULATED SWITCHGEAR : 23	199/200	Name Plates and marking	<ul style="list-style-type: none"> - Switchgear rating plates are performed as adhesive plastic foil - Labels for internal devices are performed as plastic stickers - Panel name plates are performed as adhesive plastic foil 	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
325	TECHNICAL SPECIFICATION FOR 33KV GAS INSULATED SWITCHGEAR : 27	201/202	Packing	<p>Packing is carried out according to HPE standard.</p> <p>Requirements exceeding that scope are not included in our quotation and need to be covered on an extra cost base.</p>	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
326	TECHNICAL SPECIFICATION FOR 33KV GAS INSULATED SWITCHGEAR : 14	188	Power cable entry	The same shall be from the front bottom of the switchgear panel.	Noted

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327	Annx. E 1.04	212	Temperature rise	The rise in temperature over design ambient shall be governed by IEC 62271-1.	Noted
328	General	-	Surge arrestor	Surge arrestors have not been considered.	No deviation in this regard. Kindly adhere to specification.
329	General	-	Accessories	Current / Voltage test plug / adaptor, gas leak detector and dummy Plugs are excluded from our supply.	No deviation in this regard. Kindly adhere to specification.
330	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) : 5.2	323	Degree of protection low voltage compartment	Over all Degree of protection of the Panel shall be IP4X.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
331	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) : 5.3	324	Enclosure Material	The panel enclosures are fabricated from AluZinc sheets. The doors and covers are fabricated from CRCA sheets.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
332	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) : '5.3.3	324	Gland Plate	Gland plate shall be as per our standard type tested design.	There is nothing called bidder type test design. Kindly provide exact deviation from the specification at the time of technical evaluation.
333	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) : 5.6	324	Separate Compartments for	Current transformers are located in the cable compartment. The Line VT is mounted on the breaker trolley of the associated feeder panel. Bus VT has not been considered.	1. Noted for Current Transformer 2. Point not clear. Kindly clarify 3. Why its not considered. Kindly adhere to scope of work and supply of tender document.

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334	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) : 5.8	324	Bus end cable box	Not applicable.	Noted
335	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) : 5.14	324	Bus Bar Support Insulators	The busbars in our panels are supported on integral epoxy spouts. Bus support insulators are not applicable for our design.	Noted
336	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) :5.16	325	Required HV cable termination height in the cable compartment	The same shall be as per type tested design.	Kindly provide exact deviation.
337	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) : 6.5	326	Contact	Breakers shall have finger contacts in line with our type tested design.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
338	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) : 8	329	Surge arrestor	Gapless metal oxide type surge arrestors shall be provided for motor / capacitor and dry type transformer feeders only. The same shall be suitable for 2.5pu. Additional RC circuitry for the same is not envisaged.	1. Surge Suppressors must be provided as per specification. 2. Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.

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339	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) : 9	329	Current Transformer	CTs shall be epoxy cast wound / ring type. The same shall be suitable for withstanding the fault STC for 1sec. The VA burden for CTs shall be as per our offer BOM. Detailed calculation in support of the same shall be furnished during detail engineering in the event of an order. The CTs are designed and tested in line with IEC 61869-2. Minimum CT primary current shall be 50A	Noted subjected to calculations
340	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) : 10	329	Potential Transformer	VTs shall be epoxy cast dry type. The VA burden for VTs shall be as per our offer BOM. Detailed calculation in support of the same shall be furnished during detail engineering in the event of an order. The VTs are designed and tested in line with IEC 61869-3. The Line VT is mounted on the breaker trolley of the associated feeder panel. Bus VT has not been considered.	1. Noted for epoxy cast dry type. 2. Noted Subjected to calculations. 3. Line VT position shall be as per tender document. 3.Why Bus VT not considered. Kindly adhere to scope of work and supply of tender document.
341	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV): 12	330	Earth bus	The earth bus shall be copper. Sizing of the same shall be as per our type tested design.	Noted for copper. Size shall be as per fault current and time duration specified in tender document.
342	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) : '13.2.1/2	331	Meters	MFM shall be make - MODEL EM6400NG	No deviation in this regard. Kindly adhere to specification.

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343	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) : 16	333/334	Wiring	The VCB Trolley will be wired per bidder design. For LV Compartment, Standard single-core non-screened PVC cable is used. The following core cross-sections are used: Bus wiring for Panel AC & DC distribution between panels: 1.5mm ² Black / Gray, Control, interlock and remote signaling circuits: 1.5 mm ² Gray Conventional current transformers: 2.5mm ² R, Y, B, Black, green Conventional voltage transformers: 1.5mm ² R, Y, B, Black, green	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
344	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) : '18.7.1	340	Distance/Differential Relay	Request to please clarify the protection required as per site requirement .	The point pertains to 33 KV AIS Incomer which any way is not part of the tender.
345	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) : 23	350	Name Plate	- Switchgear rating plates are performed as adhesive plastic foil - Labels for internal devices are performed as plastic stickers - Panel name plates are performed as adhesive plastic foil	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
346	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) : 24	351	Painting	Painting and pre-treatment shall be done as per our standard practice. The final paint shade shall be RAL 7032 for CRCA members only.	Kindly provide the exact deviation.

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347	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) : 25	351	Approved Make - Relay	All main protection relays shall be numerical type, make Easergy P3 series, communicable on IEC 61850 protocol through dual rear RJ 45 port. Auxiliary protections shall be catered through electromechanical / static relays. The relays shall require separate control supply for operating. Self powered relays have not been considered.	1. Numerical relays shall be as per specification. 2. SCADA communication shall be on IEC 61850 protocol with dual fibre optic port having PRP compatibility. 3. Kindly elaborate about auxiliary protection. 4. Noted for control supply of relays.
348	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) : '26.1.1	352	Type test validity	Request to please accept Type test validity as Last 10 years from the date of BID submission.	Noted
349	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV): 26.2	352	Acceptance & Routine tests	Kindly refer the submitted FAT procedure for details. The same shall be followed.	Kindly put this point at the time of technical evaluation. Review of this point shall be done at the time of technical evaluation.
350	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV) : '26.2.2	352	Temperature rise test	Since the product is already Type Tested , it is not envisaged.	Noted
351	TECHNICAL SPECIFICATION FOR HT INDOOR SWITCHGEAR (33 & 11kV): 27	353	Packing	Packing shall be done as per our standard globally approved practice.	Kindly provide exact Deviation.

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352	General		No of RTU	We presume that sub station is 1 , so only 1 RTU will be required	Noted
353	General		-	We understand that bidder scope is limited to RTU where all the data shall be available at IEC 104 and no new Scada and computer hardware in bidder's scope	Noted
354	General		Signal from existing Equipment	We are considering the data from supplied equipments , the signal from existing equipment is not in bidder's scope	Noted
355	General		No of DIDO AIAO Hardware count	Please provide the DI DO AI AO hardware io count to consider for remote terminal unit in the substation.	Kindly refer SCADA specification. Same is specified in it.
356	General		ARC FLASH PROTECTION SYSTEM	Our 11kV Switchgear Panel & 33kV GIS Panel is Type Test with Internal Arc. Hence we have not considered ARC FLASH PROTECTION SYSTEM in our Scope of Supply.	As per tender document, Arc flash protection shall be provided for 11KV Switchgear panels. Internal Arc is a different concept and Arc flash protection is a different concept.
357	General		Fire Retardant Coating on the Cables.	We have considered Fire Retardant Coating on the Control / LT / HT Cables at Termination Position only. 2 Mtrs. Length is Considered for each cables at Termination end.	Kindly consider 300 mm on termination sides

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2	Project Name	SURVEY, DESIGN, ENGINEERING, SUPPLY, CIVIL WORKS, ERECTION, TESTING, & COMMISSIONING OF NEW 33/11KV GIS GRID SUB STATION ON TURNKEY BASIS AT I.P. EXTENSION, DELHI (INDIA)

SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
358	TECHNICAL SPECIFICATION FOR EXHAUST AND VENTILATION SYSTEM : 4.4	753	Air Conditioning Requirement	We have considered 5 Star Split Type Air Conditioning in control room area only as per Technical Specification. N-1 redundancy shall be provided as per Spec.	Noted
359	TECHNICAL SPECIFICATION FOR CIVIL WORKS : 5.1.a	765	The minimum grade of concrete shall be M-25 & Grade of Steel FY-415.	Grade of Steel shall be FY-500 as FY-415 is not available in the market	Noted
360	General	-	Proposed 33kV GIS Building location	M/s BYPL is requested to provide the proposed Building Location in Overall Substation Area for lot item estimation i.e. Cables etc.	Point Not Clear.
361	General	-	soil Investigation	Geotechnical Soil Investigation Report is enclosed with the Tender Document for Project No. 1909 , dated June 2019 for Pandav Nagar New Delhi. Please confirm its same location or different. IF Location is different than we need to done soil investigation report again. Please confirm	Kindly submit the bid as per given soil investigation report named as pandav Nagar. Soil report in tender document is for bidding purpose. Bidder must carry out soil investigation after it gets order. Note that civil designing shall be carried out on most stringent report out of Bidder report and report provided in tender document
362	VOLUME:II : 3.3.12.2	166	a) Building shall be G+2 story. Although Foundation shall be designed for G+3 storey building.	Please Provide the Substation Building Layout of all the Floor.	Layout of First floor is available. Layout of rest of the floor shall be exercised by bidder only.

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363	VOLUME:II : 3.3.12.13	167	4 hours fire withstand rating for 11 kV Switchgear room, 33 kV Switchgear room and Capacitor Bank Room	4 hours fire withstand rating is not possible at door position. We will provide 2 Hrs Fire Rated door.	Noted
364	VOLUME:II : 3.3.12.14	167	Fire Retardant Windows 4 hours fire withstand rating for Capacitor Bank Room	4 hours fire withstand rating is not possible at windows position. We will provide 2 Hrs Fire Rated window.	Noted
365	General		Dismantling of Existing Building and Foundation of Existing RMU, Lighting Mast / Pole.	Shifting of Dismantled item are not considered in our Scope.	Point Not Clear. Kindly adhere to tender document. Although Shifting of RMU is not in bidder's scope.
366	General		SF6 Gas Handling Kit	As there is no gas handling at site, Gas Filling and Evacuating Plant is not required for our offered GIS panels. Hence we are not considering the same.	Kindly consider SF6 gas handling kit even if Gas Handling is not required.

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367	Volume-I : 7.A.3	13	Disclaimer	Bidder reserves the right to amend, withdraw or otherwise alter this submission without penalty or charge as a result of any event beyond its control arising from or due to the current Covid-19 epidemic or events subsequent to this epidemic / pandemic including changes in laws, regulations, by laws or direction from a competent authority.	Tender document shall remain same
368	Volume-I :10.2,SCC : 5,GCC : 10	15,35,51	Bid Prices	In case of extension in contract period from original duration / delay in project execution period, which is not attributable to Seller; Seller can revise the prices as per mutual discussion and agreement with Purchaser.	Tender document shall remain same
369	Volume-I : 25	19	THE PURCHASER'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS	BYPL shall be liable to pay for all costs committed and/or incurred, all works performed, reasonable profit on terminated works and termination fee@10% of the Contract Price:	Tender document shall remain same
370	Volume-I :27,SCC : 4,GCC : 9	27,35,51	THE PURCHASER'S RIGHT TO VARY QUANTITIES	Quantity variation to be within +/- 10%.	Tender document shall remain same
371	SCC : 1	33	PRIORITY OF CONTRACT DOCUMENTS	LOI is not a binding document, we will not be able to initiate any activity on the basis of LOI. We request to issue either Po or LOA.	Tender document shall remain same

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372	SCC : 2.5	34	-	Permission for road cutting from Road owning agencies, Tree cutting and other statutory clearances (including all coordination and liasoning) shall be obtained by Bidder. However, All direct Fee shall be borne by BYPL.	Tender document shall remain same
373	SCC : 9.1	36	LD for delay in completion of works.	If the Contractor fails to successfully hand over the Packages awarded within the agreed contract completion schedule the contractor shall pay to the Purchaser/ Owner, Liquidated damages for the delayed period at the rate of 0.5% of the undelivered contract price per each week of delay or Pro-rata thereof, by which the Completion is delayed. Maximum LD for delay is 10% of Contract Value.	Tender document shall remain same
374	SCC : 9.2	36	LD on Intermediate Milestone	Request you to remove LD on Intermediate milestones. LD shall be levied only if final package is delayed; LD to be sole remedy for delay;	Tender document shall remain same
375	SCC : 10.2	37	Liability & Damages	Aggregate Liability of Supplier: Supplier's / Contractor liability to Purchaser under or in connection with the Supply and Erection Contract shall not exceed 100% of the respective Contract Price.	Tender document shall remain same

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SL NO	Clause No.	Page No.	NIT Clause descriptions	Details of Clarification/deviation with justifications	BYPL Reply
376	SCC : 11,GCC : 24	37, 54	Warrantee/Defect Liability Period	<p>We suggest following as warranty:</p> <p>All supplies made/Work executed shall be guaranteed against any defect or failure which may arise due to faulty materials, design or workmanship for a period of 24 months from the date of final handing over of the entire package as defined in SCC or 30 months from the date of dispatch, whichever is earlier.</p> <p>Warranty repair / replacement shall be as per specifications. We request to remove wording "not to the satisfaction of BYPL" as it broad, ambiguous and cannot be measured.</p> <p>Service request will be generated within 48Hrs , service personnel or spares shall be arranged as per requirement of the service.</p>	Tender document shall remain same
377	SCC : 12	37	LATENT DEFECT LIABILITY PERIOD	<p>Aggregate Liability of Supplier: Supplier's / Contractor liability to Purchaser under or in connection with the Supply and Erection Contract shall not exceed 100% of the respective Contract Price also Latent defects shall be limited to design defects only:</p>	Tender document shall remain same

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378	SCC : 18	40	FORCE MAJEURE	Please include Pandemic, Vandalism, Change in Law. Following text to be added - "Contractor reserves the right to amend, withdraw or otherwise alter this submission without penalty or charge as a result of any event beyond its control arising from or due to the current Covid-19 epidemic or events subsequent to this epidemic / pandemic including changes in laws, regulations, by laws or direction from a competent authority. "	Tender document shall remain same
379	SCC : 18.4	41	Excused Performance	The Party claiming Force Majeure shall give notice to the other Party of any Force Majeure Event as soon as reasonably practical after becoming aware of its existence, but not later than fifteen (15) days after the date on which such Party knew or should reasonably have known of the commencement of the Force Majeure Event	Tender document shall remain same

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380	SCC : 19,GCC : 28	43 ,55	SUSPENSION OF WORK	<p>We suggest for suspension of BYPL without any reason:</p> <p>Aggregate suspension period of less than 30 days. After lapse of 7 days, the Contractor shall be paid all costs incurred and/or committed including without limitation storage cost.</p> <p>We request to remove Purchaser decision shall be final and binding and add – all decisions shall be subjected to mutual agreement.</p> <p>After above referred 30 days, the Seller shall have right to terminate and BYPL shall be liable to pay for all costs committed and/or incurred, all works performed, reasonable profit on terminated works and termination</p>	Tender document shall remain same
381	SCC : 20	43	FINAL TAKING OVER OF THE PACKAGES	HOTO(handing over taking over) procedure shall be shared along with the offer to substantiate this requirement	Tender document shall remain same
382	GCC : 3.4, GCC : 3.10	49	DEFINITIONS AND INTERPRETATION:	Word "implied" is a ambiguous word and specification is the document on which the entire project is based hence, we request to remove the ambiguity and specification to be direct	Tender document shall remain same

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383	GCC : 3.11	49	DEFINITIONS AND INTERPRETATION:	CONTRACT PRICE shall mean the price referred to in the " Purchase Order " only	Tender document shall remain same
384	GCC : 22	54	Return, Replacement or Substitution:	Once delivered after inspection, warranty shall prevail. It shall be discretion of Contractor to either repair or replace. No right of rejection is suggested to be agreed	Tender document shall remain same
385	GCC : 25	54	Support beyond the Guarantee Period	Any spares and support after warranty period shall be on paid basis and on terms and conditions as may be agreed <u>between the Parties:</u>	Tender document shall remain same
386	GCC : 30,31,32	55,56	Events of default Consequences of default Risk & Cost	We request to remove sub-clause (c) and (e). We do not agree for any risk and cost payable by Seller. Upon event of default the Purchaser shall have right to terminate and procure from any third party.	Tender document shall remain same
387	GCC : 37	57	RECOVERIES	Recovery from any other contract is not acceptable	Tender document shall remain same
388	GCC : 34	57	Termination for convenience of BYPL	BYPL shall be liable to pay for all costs committed and/or incurred, all works performed, reasonable profit on terminated works and termination fee@10% of the Contract Price:	Tender document shall remain same

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389	GCC : 39	57	Indemnification	Notwithstanding contrary to anything contained in this NIT, Supplier shall at his costs and risks make good any loss or damage to the property of the Purchaser and/or the other Supplier engaged by the Purchaser and/or the employees of the Purchaser and/or employees of the other Supplier engaged by the Purchaser whatsoever arising out of the " GROSS " negligence of the Supplier while performing the obligations under this contract	Tender document shall remain same
390	GCC : 40	57,58	Patent rights and royalty	No IPR of the Bidder shall be transferred except for the right to use for the <u>purpose of project</u>	Tender document shall remain same
391	GCC : 8	50,51	SCOPE OF WORK	Scope of work shall be limited to the BOQ(bill of quantity) appeared in price schedule and technical specification as part of RFO.	Tender document shall remain same
392	GCC : 27	55	FORFEITURE	We request to remove any forfeiture of any amount or BG	Tender document shall remain same
393	GCC : 29	55	TERMINATION DUE TO CONTRACTORS DEFAULT	The Purchaser may terminate the contract after giving 30 (thirty) days notice	Tender document shall remain same
394	ECC : 28	77	Indemnity	Request you to remove this clause or remove the wording "Loss or damage to property", as this falls under consequential damages, and we can't agree to accept consequential damages.	Tender document shall remain same

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395	General		INCO Terms	Kindly confirm INCO Terms	Tender document shall remain same
396	SSC : 8, SCC : 15	36, 38	Bank Guarantee, Payment Terms	CPBG is not acceptable	Tender document shall remain same