

RECORD NOTES OF PRE BID MEETING HELD ON 02/08/2021

(NIB No. 397 DATED 01/07/2021 for 400 KV GIS and 400 KV Reactor Bank Of 3 X 135 MW RHEP)

A Pre-Bid Discussion was held on MS Teams platform between NEEPCO and prospective bidders on 2nd August, 2021 against NIB No. 397 dated 01/07/2021 for 3 X 26.666 MVAR 400 KV Bus Reactor Bank plus 1 (one) spare 26.666 MVAR Single Phase Reactor, 400 kV GIS Bay at the Switchyard Extension Area and extension of existing 400 kV AIS Switchyard of Ranganadi H.E. Plant (3x135MW).

List of participants is attached herewith as Annexure-I.

CGM(C) i/c C&P welcomed all the participants to the meeting and explained that as per requests received from the prospective bidders regarding difficulties in reaching the plant site due to Covid restrictions, it was decided to hold a pre bid meeting on virtual platform to resolve issues raised by the prospective Bidders.

Various technical queries raised by the prospective bidders were deliberated during the meeting and clarifications on the same are attached herewith as Pre Bid Technical Clarification No.2. Drawings/Documents sought by the bidders during the meeting are also attached. Additional/Suo-moto clarifications are also attached for clarity.

Sultana
(JABIN SULTANA)
DGM(E/M), C&P

VeJay PRAASH
06/08/21
(VEJAY PRAASH)
Manager (E/M)

List of participants from M/S ABB Power Products and Systems India Limited	
1	Sougata Dutta, Manager- Sales & Marketing
2	Chinmoy De, Territory Manager
3	Jayanta K Nandy, Zonal Manager, East
4	Sahil Wadhwa, Bid Manager
List of Participants from M/S Siemens Ltd	
1	Mohit Agarwal, Bid Manager
2	M Subashri, Bid Designer
3	Medam Bhargavi Priya, GIS Bid Manager
4	Viplov Pratap Singh, Reactor Bid Manager
5	Sudheer Chandra Lalkota, Bid Manager
6	Anindya Datta, Sales Manager
7	Arunava Banerjee, Sales manager
8	Diparun Bhattacharya, Regional Sales-Team Leader
List of Participants from M/S GE T&D India Limited	
1	Pushpraj Singh, Customer Application Engineer
2	Ashish Giri, Engineering Manager
3	Sheelesh Pathak, Lead Engineer – Electrical Component
4	Sushant Singh, Senior Sales & Proposal Manager
5	Ethirajan Lakshmi, Lead Customer ApplicationEngineer
6	Joydeep Chatterjee, Lead Sales & Proposal Specialist
7	Anand Srivastava, Lead Sales Specialist
8	Nirjhar Adhikary, Lead Sales Specialist



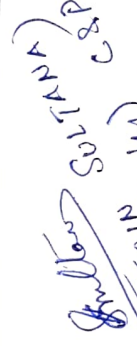

List of Participants from NEEPCO	
1	S. R. Biswas, ED(E/M), D&E
2	S. Chakraborty, ED(O&M)
3	S. Goswami, CGM (C), i/c C&P
4	B. K. Goswami, CGM(E/M), C&P
5	K. N. Sarmah, DGM(E/M)
6	J. Sultana, DGM(E/M)
7	Joypal. Roy, DGM(E/M), O&M
8	N. J. Medhi, DGM(E/M), D&E
9	A. Nath, DGM(E/M), D&E
10	B. K. Gowala, Manager(E/M)
11	Tarh Naga, Manager(E/M), RHEP
12	V. Prakash, Manager(E/M)
13	Kuldeep Kumar, Dy. Manager(E/M)
14	Runa Changmai, Dy Manager(E/M)

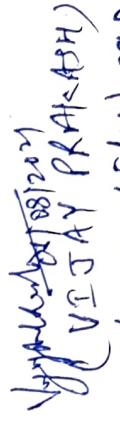
Sultana

Joypal Roy

Pre Bid Technical Clarification No.2 against NIB No.397 dated 01.07.2021

Sl. No.	Bid Stipulation	Bidder's Query	NEEPCO's Reply
1	General	Please share Autocad copy of Complete Layout showing Existing Switchyard-Plan& Section alongwith New allocated Bay & Reactor space & planned arrangement for detail working. We must need section drawing for clarity of Existing Busbar connection & further change in altitudes.	Autocad Drawings are not available. The following drawings in pdf formats are attached. 01. 400KV Buscoupler & Busbar differential Schematic 02. 400Kv Buscoupler Schematic.jpeg 03. 400KV Feeder Schematic 04. 400KV SY Layout Plan, Section, Cable Trench & Tray.jpg 05. Single Line Diagram of RHEP 06. Earth Mat layout 07. Drawings of New Extension Area 08. 400 kV Control Panel GA Drawing 09. Available Space for proposed panel
2	General	Please share the Make & Model of the existing Busbar Protection Relay & also confirm that additional bay	Existing Bus Bar protection details attached.


 J. G. N. (E/M) CSP


 V. J. Y. (E/M) CSP
 Manager (E/M) CSP

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3	General	Please share the Make & Model of the existing SCADA & also share the architecture & drawing to check the feasibility of interfacing the new Bay on existing SCADA system.	The existing HMI is ABB Make Procontrol P13 system with Symphony S-Plus Software. Literature attached.
4	General	Please confirm that Existing Room is having provision of new Panel for GIS /recator Bay & request to share the existing panel details for understanding clarity of CRP Panel types (like BCU/NonBCU based / Hardwire based Panel) alongwith dimension, Paint shade etc . Request to share existing CRP Panel drawing.	Photograph and Drawing showing the available space attached.
5	General	Please confirm whether New Earthing grid, Lightning protection & Lighting arrangement will be required for the New scope area. If required, please share the existing drawing for better understanding & following the same adopted practice like Earthing Material, Mast/Sheld Wire, Gantry/Mast etc.	These works are not envisaged in the scope of this tender and shall be carried out separately.
6	General	Please share Earthing resistivity Report/Value for the new allocated area for our working reference.	Earth Mat Drawing of existing AIS Substation is enclosed. The Earth Resistivity Value considered is 450 Ohm-metre.




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7	General	Based on specification, we are considering that Bidder need not to supply any new Sub- ACDB or Sub-DCDB for the new working area. Necessary feeders will be arranged by Client on existing AC & DC system for auxiliary supply requirement of new Bay & associated equipments.	No new ACDB/DCDB/DC System is included in the scope of this tender. The successful bidder shall provide the AC & DC requirement details during detail engineering so that the same may be arranged by NEEPCO.
8	General	Is Outdoor Duty Hybrid Substation with both side Bushing arrangement for further connectivity if acceptable w.r.t GIS as envisaged?	Not envisaged.
9	General	As we understood, any Civil related Works will not be in Bidder's scope.	Confirmed
10	General	Requesting for extended time for equipment specific comments from OEM to ensure equipment specification compliance.	Refer to Corrigendum No.3 dated 06.08.2021
11	400 kV GIS	We would like to confirm the requirement of GIS VT for current scope. If sole purpose of GIS VT is for voltage signal input for CSD then same is not required. For CSD inputs AIS Bus CVT signal and current inputs from CT shall suffice. Please confirm.	GIS VT shall be required.
12	400 kV GIS	If GIS VT is required then please confirm the core details of 3rd core (PS or 0.2/0.5). Further high burden of 100 VA for all the 3 core is difficult to achieve and generally is not asked	3rd Core shall be PS Class. 50 VA burden for each core is acceptable.




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		by any utility. We can confirm 50VA burden for each core. Please confirm.	
13	400 kV GIS / Section-IV Technical specification, Page 249 3.8 / Prebid pt no 16	SF6 to AIR bushing clearance - As per pre-bid reply, it is not allowed to remove AIS isolators, we need to check whether we can meet the necessary clearance for SF6 to AIR bushings in available space for extreme phase ends. Please share drawing showing the existing contours with proposed retaining wall and the section drawings as per reply to pre bid pt no 16.	Drawings enclosed
14	Site Visit Related	Due to lockdown & isolation requirement of min 5 days in A.P. it is not being made possible to visit the site to assess site conditions. Therefore, we request following inputs - 1. SLD of existing substation & Switchyard Section and Plan layout 2. Clearances from live bus 3. Road periphery and availability of approach road to 400 kV bay & reactor area 4. Please inform the approx distance between Existing control room to bay area. 5. Please confirm availability of space in existing Switchyard Panel room for placing CRP panel of proposed GIS.	1. Available Drawings enclosed. 2. Available drawing enclosed. 3. Available Drawing Enclosed. 4. 450 Metres. 5. Available Drawings enclosed.




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		6. Name plate Photographs, Panel Photographs & details of Existing Line Bays/Other Bays/Busbar protection panels. 7. Space for site office 8. Status of below ground earthing scope 9. Is there any interfacing or fouling issue (or road crossing) between 400 kV proposed bay and existing Power Plant/existing substation 10. Existing SCADA details 11. Availability of AC & DC supply in existing Switchyard Panel room	6. Available Drawings enclosed. 7. Successful Bidder shall be allotted suitable space for site office. 8. Earth Mat Works of New Extension Area shall be carried out separately. Bidder shall provide the riser location details. 9. The peripheral road of Existing 400 kV AIS Switchyard exists. However, no fouling is envisaged. The drawings enclosed may be studied, and issues related to clearance / fouling shall be tackled during detail engineering. 10. The existing HMI is ABB Make Procontrol P13 system with Symphony S-Plus Software. 11. No new ACDB/DCDB/DC System is included in the scope of this tender. The successful bidder shall provide the AC & DC requirement details during detail engineering so that the same may be arranged by NEEPCO.
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15	Clarification on List of Makes	As there is no list of makes specified in tender, bidder will submit list of proposed vendors for NEEPCO consideration. Bidder assumes that there is no pre set criteria that wherever Bidder is also an OEM for example in GIS or Reactor, Bidder has to give such product necessarily from own make. Please confirm.	The clarification on list of makes is applicable for bought out items only. As the bidder's qualifying requirement necessitates the bidder/Lead partner (in case of JV/consortium) to be a manufacturer of Reactor and GIS, and since the bidder will be qualified based on the performance of their own make equipments, Supply of the Reactors & GIS shall necessarily be of their own make.
16	Completion Period	Entire scope of supply and work under this contract shall be completed within 12(Twelve) months from the date of issue of LOI - As Reactor & GIS are long lead item, we request consideration of additional 4 months for total duration of contract i.e. 16 months from date of issue of LOI.	Refer to Corrigendum No.3 dated 06.08.2021.
17	General	400KV Existing AIS Layout drawing for Aluminum Bus Bar, which will be used for Extension of the Existing Double Bus of 400 kV AIS Switchyard.	Autocad Drawings are not available. The following drawings in pdf formats are attached. 01. 400KV Buscoupler & Busbar differential Schematic 02. 400Kv Buscoupler Schematic 03. 400KV Feeder Schematic

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			04.400KV SY Layout Plan, Section, Cable Trench & Tray 05. Single Line Diagram of RHEP 06. Earth Mat layout 07. Drawings of New Extension Area 08. 400 kV Control Panel GA Drawing 09. Available Space for proposed panel
18	General	Elevation Level of Existing 400AIS switchyard (Bus extension area for isolator connectivity).	Please refer SI No. 1 above.
19	General	Control panel location for proposed bays from Outdoor GIS, Reactor and Outdoor isolator.	CRP shall be installed in the Power House Control Room.
20	General	Snaps/Picture of- A.400Kv AIS bays, B. Existing Single-phase transformer & C. Tertiary bus.	Pictures attached.
21	General	Availability of spare feeders for AC and DC auxiliary supply.	No new ACDB/DCDB/DC System is included in the scope of this tender. The successful bidder shall provide the AC & DC requirement details during detail engineering so that the same may be arranged by NEEPCO.

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22	General	Existing earthing details of the switchyard. (Resistivity Value & Grid Spacing)	Pl. refer sl no. 1 above.
23	General	Existing SCADA details for integration.	The existing HMI is ABB Make Procontrol P13 system with Symphony S-Plus Software
24	General	1) GIS: a) Kindly confirm the Termination arrangement on reactor side. b) Location of SF6 to Air bushing on bus side (this side also we have very less space for placing our bushings). c) We request you to kindly share AutoCAD layout drawing.	a. Please refer to our Additional Suo motu Clarifications. b. Please refer to our Additional Suo motu Clarifications c. Pl. refer sl no. 1 above.
25	General	2) Automation: Please provide the details of Busbar protection (as we presume Busbar augmentation for this present 80 MVAR Reactor shall be in the scope of bidder). Also, please provide the details of the make, model and availability of Peripheral units at site (in case of Distributed Busbar) and modules in the existing Busbar relay (in case of Centralized Busbar).	Existing Bus Bar protection details attached.




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	Please provide the details of SAS and Event logger, if any present at site. Whether this bay has to be integrated into SAS/Event logger. Please provide the make/model details for the same.	- Available details attached. However, kindly note the following points with regards to Disturbance Recorder & Event Logger. - One Engineering Standalone DR workstation compatible to IEC 61850 is in service at RHEP wherein all required signals available in the respective bay Relays are routed through Ethernet Switch to the Workstation. No separate Relay for DR is there. - One Standalone Event Logger workstation suitable for 400 events along with Event Logger C264 relay compatible to IEC 61850 is in service at RHEP. Auxiliaries signals like supervision of CB SF6 gas pressure, Spring charging, Pump on/off, Line Isolator open/close, CB trip Ckt supervision etc are routed through C264 for the workstation. However, other signals available in the relay are incorporated from the respective bay Relays for the workstation.
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		Supply of spares – Will there be supply of spares. Please provide the list of Automation and Protection spares that is needed to be considered.	List of Spares attached in the Additional Suo Motu Clarifications.
26	General Technical requirement Section IV: Clause No. 1.2.xii, Page No. 182/413 Commissioning Spares and Maintenance Spares for the above	Request you to provide break up of spare requirement	Maintenance Spare requirement details have been provided in the additional / Suo motu Clarifications. Commissioning spares shall be as per bidders requirement.
27	General Technical requirement Section IV: Clause No. 1.2, Page No. 182/413 & Clause no. 1.5.7 Page No. 186/413 The scope of work shall also include supply of General and Special Tools & Tackles for Erection, Testing & Commissioning of the AIS Extension, GIS and Reactor Bank as well as Maintenance of the same, and SF6 Gas for first filling & spare and any other equipment and services required for successful completion and commissioning and smooth operation of the 3X26.667 MVAR Reactor Bank,	Kindly provide list of Special tools & tackles required for this tender	Special Tools and Tackles shall be as per the installation requirement of the bidder.

B. K. S.

S. K. S.

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	AIS Extension and GIS Bay.		
28	Technical Specification Section IV: Clause No. 1.3.2.5, Page No. 183/413 Short Circuit Withstand Test.	Short Circuit Withstand Test not applicable on shunt reactor as per IEC60076 part 6. Kindly accept.	Accepted
29	Technical Specification Section IV: Clause No. 1.4.7, Page No. 184/413 Seismic Data/Protection against Earthquake	Request you to allow Design calculation to be submitted with bid for bushing. Kindly Accept. Please note, Seismic test can not be performed heavy equipment like Transformer / Reactor.	Accepted
30	Technical Specification Section IV: Clause No. 1.4.8, Page No. 185/413 The maximum dimension of consignments for transportation purpose shall therefore be limited to 3700 mm (L) X 3200 mm (B). It is, however, mandatory for the bidder to visit Ranganadi HEP and make his own assessment regarding the transportation constraints.	Kindly also provide Transport Height and weight limitation if any.	Bidders are requested to make their own assessment regarding the transportation limitations.
31	Technical Specification Section IV: Clause No. 2.4.2, S.No. 17 Page No. 190/413	Maximum partial discharge level shall be as per IEC 60076 part i.e. 250 pC. Kindly accept.	Bid specification shall prevail.




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32	Technical Specification Section IV: Clause No. 2.6.1.8, Page No. 200/413 Optical temperature sensors shall be fitted on each reactor unit. Minimum number of probes shall be as per following: Total No. of probes 8.	Optical temperature sensors shall be fitted on each reactor unit Minimum 4 number of probes shall be as per following: 2Nos. probes for winding, 1No. For core & 1 Nos. for Top oil. Kindly accept.	Agreed.
33	General	Delivery Here in this tender bushing requirement is RIP and current lead time of RIP bushing is 5-6 months. It will be difficult for us to deliver reactor within 12 months time line. Request you to evaluate your delivery requirement once again and provide some extension in that.	Refer to Corrigendum No.3 dated 06.08.2021
34	Layout Autocad Layout	Please provide Auto- cad layout, the same is required for estimation of the quantities.	Autocad Drawings are not available. The following drawings in pdf formats are attached. 01.400KV Buscoupler & Busbar differential Schematic 02.400KV Buscoupler Schematic.jpeg 03. 400KV Feeder Schematic




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			04.400KV SY Layout Plan, Section, Cable Trench & Tray 05. Single Line Diagram of RHEP 06. Earth Mat layout 07. Drawings of New Extension Area 08. 400 kV Control Panel GA Drawing 09. Available Space for proposed panel
35	Layout Location of CRP	Location of CRP room is not shown in layout. The same is required for estimation of the quantities of control cables.	The CRP shall be placed in the Existing Power House Control Room / Panel Room. The distance from Control Room to Extension Switchyard shall be approximately 450 Metres.
36	SLD Existing System SLD	Protection scheme is not available. Short circuit current rating is not mentioned in SLD & specification. Same is required for engineering estimations and compliance in the offered equipments.	A copy of Existing system SLD is enclosed. The Short Circuit Current Rating is 40 kA.
37	CRP CRP, SAS engineering and price estimation	Existing CRP panel documents to be provided for reference. Same is required as we need to extend existing CRP, SAS system	GA drawing of Panels attached.




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38	Scope 1. Battery, Charger 2. DCDB & ACDB 3. Fire protection	The below items are not considered in our scope 1. Battery, Charger 2. DCDB & ACDB 3. Fire protection We understand that existing battery, charger, ACDB, DCDB have spare capacity available for the new reactor feeder.	No new ACDB/DCDB/DC System is included in the scope of this tender. The successful bidder shall provide the AC & DC requirement details during detail engineering so that the same may be arranged by NEEPCO.
39	TIME SCHEDULE The purchaser's requirement of completion schedule for the entire scope of supply and work is 12 (Twelve) months from the date of issue of Letter of intent.	We would request for extension of completion schedule to around 24 months. The standard delivery lead time of reactor is 18 months from the LOA/PO	Refer to Corrigendum No.3 dated 06.08.2021
40	Type tests for GIS 5 years validity	10 years validity should be accepted As per CEA guideline, GIS type tests are valid of 10 years. Please refer to the attached CEA, Ministry of Power, Government of India guideline.	Agreed.
41	QUALIFYING REQUIREMENT OF BIDDERS	Since electro-mechanical design of outdoor & indoor GIS are identical, we would request you to consider the 2 years performance of indoor/ outdoor 400 KV GIS in India. However we have supplied 400 KV outdoor GIS globally as per the same design & we hereby confirm that we follow	Bidder may refer to Corrigendum No.1 dated 19.07.2021.

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	Outdoor Gas Insulated Substation of voltage class 400 kV or higher, within a period of 7(Seven) years ending last day of the month prior to month in which this NIB is floated, which must have been in successful operation for a period of 2(Two) consecutive years at Central / State Govt. Power Utilities or Central / State Govt. PSU of India.	the global design at our Aurangabad works from where we will offer GIS for the subject tender. We are providing same design in Aurangabad, India which is supplied globally.	
42	TECHNICAL SPECIFICATIONS SECTION -IV Special Tools & Tackles: The bidder shall include in his bid any special erection and maintenance tools required according to specification of the equipment. The price of such special tools shall be included in the bid price	We are not considering supply of any special tools and tackles These will be sent to site for ETC on returnable basis	Bid specification shall prevail.
43	Approved Makes	Please provide make list of approved vendors for other equipments. This is required for bought out items.	The bidder shall duly fill up Datasheet 5 of the bid documents. Further, the successful bidder shall furnish a list of vendors of their choice, along with the

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			credentials of the vendors for approval by NEEPCO during detail engineering.
44	General	As we have observed from the Tender Layout ,there is a level difference between GIS area and reactor area, we need to use IPS tube(as conductor) with Bus Post Isolator to arrange the connectivity between GIS and Reactor. We have not found any line items for IPS tube as conductor in the tender Price Schedule/BOQ. Therefore we request you to incorporate IPS tube as an item in the price schedule.	Agreed. May be incorporated suitably.
45	General	We have reviewed the layout issued along with the tender and understood that this is a indicative layout for the job. Successful bidder has to conceptualise the requirement and propose feasible connection arrangement from existing bus to GIS and Reactor during detailed engineering, which will be found suitable at site inline with safety clearance, Electrical clearance norms. Therefore, we request you to confirm the above point to proceed.	Agreed. However, the AIS Isolator between Existing AIS Bus and the new GIS Bus will be required for ensuring safety of personnel during GIS Maintenance.
46	General	We request you to provide overall Switchyard layout along with position control room building to understand the cable trench route and estimate accordingly.	Drawings attached.
47	General	We request you to provide protection SLD of the existing 400KV Substation along with existing CRP drawings, schematic to estimate the same for the current tender.	Available details are attached.

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ADDITIONAL / SUO MOTU CLARIFICATIONS AGAINST THE NIB NO. 397 DATED 01-07-2021		
1	TECHNICAL SCHEME	
a)	In the Technical Specifications in the detail NIB, the interconnection between GIS and the Reactor Bank is proposed to be carried out by ACSR Conductors using a gantry structure. Subsequent to the discussion on 02-08-2021 with the prospective bidders, it has been decided that the interconnection between GIS and Reactor bank shall be done by SF6 to Air Bushing and IPS Tube conductor with the necessary BPI/Pipe Structure Supports and AIS LA. The IPS Tube conductor shall be connected to the reactor bushings by suitable connectors.	
b)	For the interconnection between the IPS Tube Bus bar of the existing 400 kV AIS and the new / proposed GIS, AIS Isolator shall be required.	
2	SCOPE	
a)	IPS Tube Bus bar for Extension of Existing 400 kV Bus Bar to the AIS Isolator as mentioned in 1 (b) above shall be within the scope of the bidder.	
b)	IPS Tube for interconnection between GIS and Reactor as mentioned in 1 (a) above shall be within the scope of the bidder.	
c)	In light of the modified interconnection scheme between GIS and the Reactor Bank, The requirement of Gantry and ACSR conductor as per the scheme envisaged in the NIB is not required. However, the Lightning Arrestor shall be within the scope of the bidder.	
d)	The successful bidder / contractor shall be required to furnish the Loading details and Civil Foundation Drawings of all the equipments supplied by him.	
3	MANDATORY SPARES	
a)	The Mandatory Spares for Reactor Bank shall be as per Clause no. 2.8 (B) of Section - IV Technical Specifications, of the Detailed Bid Document.	
b)	The Mandatory Spares for GIS shall be as given below;	
(i)	SF6 gas for use during operation and maintenance in non-returnable cylinders.	10% of total quantity in 40 kg cylinders
(ii)	One pole of complete Interrupter unit of circuit breaker with operating mechanism and tie rod etc	1 (one) no.
(iii)	Complete drive mechanism including motor for disconnector switches and earthing switches	1 (one) no.
(iv)	Complete drive mechanism including motor for fast acting earthing switches.	1 (one) no.
(v)	Trip coils for circuit breakers	6 (Six) nos.
(vi)	Closing coils for circuit breakers	6 (Six) nos.
(vii)	Complete set of rupture disc	2 (Two) Sets
(viii)	Pressure switch/gas pressure transmitter	2 (Two) Sets of each type
(ix)	Pressure gauge	2 (Two) Sets of each type
(x)	Gas density relay	2 (Two) Sets of each type
(xi)	Gas tight bushing of each type used	2 (Two) nos. of each type
(xii)	Gas through bushing of each type	2 (Two) nos. of each type
c)	The Mandatory Spares for Ancillary Items (Aluminium Tubular Conductor /IPS Tube, Hardware Fittings etc.) shall be 10% of the total installation requirement of	
d)	The Mandatory Spares for Insulators shall be 10% of the total installation requirement of each item.	
e)	The Mandatory Spares for AIS Isolator shall be as given below;	
(i)	Complete drive mechanism including motor for disconnector switches and earthing switches	1 (one) no.
f)	The Mandatory Spares for Power & Control Cables shall be 10% of the total installation requirement of each size of cable.	
g)	The Mandatory Spares for AIS Lightning Arrestor shall be as given below;	
	Lightning Arrestor in complete	1 (one) no.
h)	The Mandatory Spares for Support Structures (Pipe / Lattice) shall be 10% of the total installation requirement of each type.	
i)	The Mandatory Spares for Nitrogen Fire Protection System shall be as given below;	
i)	Nitrogen Gas in non-returnable cylinders	10% of total quantity required for installation
ii)	Fire Detectors	10% of total quantity required for installation (rounded up to nearest whole no.)
iii)	Valves/Limit Switches etc.	10% of total quantity required for installation (rounded up to nearest whole no.)
4	AMENDMENT OF PRE-BID CLARIFICATIONS PUBLISHED ON 19-07-2021	
a)	Sl. No. 1 of the Prebid clarifications (Type Tests on GIS) dated 19-07-2021 stands amended as below;	
	"Agreed. The bidder is to confirm that the assemblies / sub-assemblies for which the Type Test Reports are submitted, are a representative form of the arrangement proposed in their bid."	
b)	Sl. No. 20 of the Pre-bid clarifications (Partial Discharge Monitoring System) dated 19-07-2021 stands amended as below;	
	"Offline Portable Type Partial Discharge Measurement System shall be accepted."	

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