



# Bharat Heavy Electricals Limited

(A Govt. of India Undertaking)

Transmission Business Group

Materials Management, 5th Floor, Plot No.25,

Sector-16A, Noida, Uttar Pradesh, PIN No: 201301

Phone: 0120-2218840, Email: gaurav.agarwal@bhel.in

## CORRIGENDUM – 17 TO NIT NO-95618

**Dated 27-01-2026**

**Subject: Corrigendum-17 to Tender enquiry for Pre-Bid Tie up for Supply & Services of 400KV GIS for POWERGRID's Substation Package SS-142T (Niglok).**

Project : POWERGRID's Substation Package SS-142T (Niglok)  
Equipment / Item : Supply & Services of 400kV GIS and Its associated equipment  
Enquiry No/Date : Enquiry No. 61Q2600368 Dated 13-11-2025  
BHEL NIT NO : 95618  
**Original Tender due date : 24-11-2025**

This Corrigendum is issued by BHEL TBG against above mentioned NIT/ enquiry for issuance of following-

- a) Technical corrigendum-04 for revision of Technical PQR for 400kV GIS and 220kV GIS (enclosed).
- b) Clarification issued by Powergrid as below along with following clarification from BHEL's end-

*"In case of package comprises of multiple voltage level in one GIS substation and/or Extension of more than one GIS Substation(s), GIS from different manufacturer(s) shall also be acceptable subject to the condition that one voltage class of GIS at any substation is supplied from one manufacturer only. In such cases bidder must submit MAF from all the proposed GIS Manufacturer(s) in their bid."*

*As our tender calls for rating wise evaluation, accordingly, GIS OEM to submit rating wise (voltage class of GIS) MAF to BHEL for onward submission to Powergrid.*

- c) Extension of due date upto 30-01-2026.
- d) Corrected Price Bid Schedule (enclosed) due to calculation error observed in item sl.no.2.52. Bidder(s) to consider the same while submitting their bid.

All other terms and conditions for this tender enquiry shall remain unchanged.

Bidder to ensure submission of offer on or before due date.

Note: Tender ID on CPP Portal is **2025\_BHEL\_54749\_1**.

Thanking you

-----Sd/-----

Gaurav Agarwal  
BHEL TBG, NOIDA

Ref. No. Technical Corrigendum-04

Project: Pre-Bid Tie up for 400 kV GIS Substation Package SS142T for (a) Establishment of 400 kV GIS Switching station (New) at Niglok in Arunachal Pradesh (b) Extension of 400 kV (AIS) S/s at Gogamukh associated with “NERGS-III Siang Basin” through tariff based competitive bidding (TBCB) route prior to RfP bid submission by POWERGRID to BPC; Specification No: CC/T/W-GIS/DOM/A04/25/13443

Package/Item: GAS INSULATED SWITCHGEAR WITH ITS ACCESSORIES

Technical Specification No. TB-PBTU-GIS-PGCIL-NIGLOK, REV-00

Date: 22.01.2026

Sl. No.	Volume/ Section/ Clause	Volume/ Section/ Clause as Existing	Volume/ Section/ Clause as Amended/ Added in Technical Corrigendum
1	Technical Pre-Qualification criteria for 400kV GIS	Annexure-A (BDS)	<b>Amendment No. IV (Technical)</b> dated 22.01.2026 to the Technical Portion of the Bidding Document. (Copy attached).
2	Technical Pre-Qualification criteria for 220kV GIS	Annexure-PQR	

Note:

1. The changes/ revision are marked/ highlighted in yellow.
2. Amendment/ addendum/ clarification/ corrigendum issued herein shall form part of Technical Specification.

Bidders to please note that amendment/addendum/ clarification/ corrigendum issued shall supersede the respective Volume/ Section/ Clause of Technical Specification Document to the extent for the Volume/ Section/ Clause or part thereof the amendment is issued.

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22/01/26

**Amendment No. IV (Technical)**

**Amendment No. IV (Technical) dated 22.01.2026** to the technical portion of the Bidding Document for **Pre-Bid Tie up for 400 kV GIS Substation Package SS142T** for (a) Establishment of 400 kV GIS Switching station (New) at Niglok in Arunachal Pradesh (b) Extension of 400 kV (AIS) S/s at Gogamukh associated with "NERGS-III Siang Basin" through tariff based competitive bidding (TBCB) route prior to RfP bid submission by POWERGRID to BPC; Specification No: CC/T/W-GIS/DOM/A04/25/13443

Sl. No.	Clause Ref. No.	Existing provision	Amended as
<b>TECHNICAL PRE-QUALIFICATION REQUIREMENTS</b>			
1.	"Technical Pre-Qualification criteria for 400kV GIS"  Annexure-A (BDS)	"Annexure-A (BDS)" stands replaced with "Annexure-A (BDS), Rev-01" (enclosed herewith).	
2.	"Technical Pre-Qualification criteria for 220kV GIS"  Annexure-PQR	"Annexure-A PQR" stands replaced with "Annexure-PQR, Rev-01" (enclosed herewith).	

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22/01/26

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22-01-26.

**ANNEXURE A (BDS), Rev-01**

**QUALIFICATION REQUIREMENT**

for

Pre-bid tie up for 400 kV GIS Substation Package SS142T for (a) Establishment of 400 kV GIS Switching station (New) at Niglok in Arunachal Pradesh (b) Extension of 400 kV (AIS) S/s at Gogamukh associated with "NERGS-III Siang Basin" through tariff based competitive bidding (TBCB) route; Specification no: CC/T/W-GIS/DOM/A04/25/13443

<b>QUALIFICATION OF THE BIDDER</b>	
<p>Qualification of Bidder will be based on meeting the minimum pass/fail criteria specified below regarding the Bidder's Technical Experience and Financial Position as demonstrated by the Bidder's responses in the corresponding Bid Schedules. Technical experience and financial resources of any proposed subcontractor shall not be taken into account in determining the Bidder's compliance with the qualifying criteria. The bid can be submitted by an individual firm.</p> <p>The Employer/POWERGRID may assess the capacity and capability of the bidder, to successfully execute the scope of work covered under the package within stipulated completion period. This assessment shall interalia include (i) document verification; (ii) bidders work/manufacturing facilities visit; (iii) manufacturing capacity, details of works executed, works in hand, anticipated in future &amp; the balance capacity available for present scope of works; (iv) details of plant and machinery, manufacturing and testing facilities, manpower and financial resources; (v) details of quality systems in place; (vi) past experience and performance; (vii) customer feedback; (viii) banker's feedback etc.</p>	
<b>1.0</b>	<b>Technical Experience</b>
<p>(i) The GIS must be offered from Indian manufacturer, who meets the requirement mentioned at <b>Route-1</b> or <b>Route-2</b> or <b>Route-3</b> as below. QR Credential must be submitted along with the bid.</p> <p>(ii) GIS manufacturer must submit a Manufacturer Authorization Form (MAF) (format as per NIT) along with the Bid confirming that a legally enforceable Joint deed of Undertaking (format as per NIT) shall be submitted at the time of signing of contract.</p>	
<b>1.1</b>	<b>Route-1:</b>
<p>The Bidder must have designed, manufactured, type tested (as per IEC or equivalent standard), supplied and supervised erection &amp; commissioning of at least two (2) nos. Gas Insulated Switchgear (GIS) circuit breaker bays@ of 345kV or above voltage class in one (1) Substation or Switchyard during the last seven (7) years and these bays must be in satisfactory operation# for at least two (2) years as on the <b>re-scheduled</b> last date of bid submission (soft copy) i.e. <b>30.01.2026</b></p>	
<b>OR</b>	
<b>1.2</b>	<b>Route-2:</b>
<p>The Bidder, who has established manufacturing &amp; testing facility in India for 345kV or above voltage level GIS but not meeting the requirement stipulated in para 1.1 above, shall also be considered provided that-</p> <p>a) The Bidder must have manufactured, at least one (1) no. 345kV or above voltage class GIS circuit breaker bays@ based on technological support of the collaborator(s), provided that the collaborator(s) meets the requirement stipulated in para 1.1 above. Further bidder must have either supplied or type tested above CB bay (as per IEC or equivalent standard) as on the originally scheduled last date of bid submission mentioned above.</p> <p>b) Further, the bidder shall also submit the following along with the bid:</p> <p>i. A legally enforceable undertaking (jointly with the Collaborator(s) to guarantee quality, timely</p>	

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22/01/26

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22/01/26

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22-01-26

**ANNEXURE A (BDS), Rev-01**

- supply, performance and warranty obligations as specified for the equipment(s).
- ii. A confirmation letter from the Collaborator(s) stating that the Collaborator(s) shall furnish performance guarantee for an amount of 10 % of the ex-works cost of such equipment(s). This performance guarantee shall be in addition to Contract Performance Guarantee to be submitted by the bidder.
- iii. A valid collaboration agreement for technology transfer / license to design, manufacture, test and supply 345kV or above voltage level GIS equipment in India.

**OR**

**1.3 Route-3:**

The Bidder, who has established manufacturing & testing facility in India for 345kV or above voltage level GIS as Subsidiary/JVC/Group company by its parent/principal but not meeting the requirement stipulated in para 1.1 above, shall also be considered provided that-

- a) The Bidder must have manufactured, at least one (1) no. 345kV or above voltage class GIS circuit breaker bays@ based on technological support of the parent/principal, provided that the parent/principal meets the requirement stipulated in para 1.1 above. Further bidder must have either supplied or type tested above CB bay (as per IEC or equivalent standard) as on the originally scheduled last date of bid submission mentioned above.
- b) Further, the bidder shall also submit the following along with the bid:
  - i. A legally enforceable undertaking (jointly with the parent/principal company) to guarantee quality, timely supply, performance and warranty obligations as specified for the equipment(s).
  - ii. A confirmation letter from the parent/principal company stating that the parent/principal company shall furnish performance guarantee for an amount of 10 % of the ex-works cost of such equipment(s). This performance guarantee shall be in addition to Contract Performance Guarantee to be submitted by the bidder.
  - iii. A valid collaboration agreement for technology transfer / license to design, manufacture, test and supply 345kV or above voltage level GIS equipment in India.

**OR**

**1.4 Route-4**

deleted

**Note:-**

1. (#) Satisfactory operation means certificate issued by the Employer certifying the operation without any adverse remark.
2. (@) For the purpose of qualifying requirement, one no. of circuit breaker bay shall be considered as a bay used for controlling a line or a transformer or a reactor or a bus section or a bus coupler and comprising of at least one circuit breaker, one disconnector and three nos. of single phase CTs / Bushing CTs.
3. In case bidder is a holding company, the technical experience referred to in Route-1, 2 & 3 above as the case may be shall be of that holding company only (i.e. excluding its subsidiary/group companies). In case bidder is a subsidiary of a holding company, the technical experience referred to in Route-1, 2 & 3 above as the case may be shall be of that subsidiary company only (i.e. excluding its holding company).

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22-01-26

**ANNEXURE A (BDS), Rev-01**

4.	In case bidder is qualifying through Route-1, type test reports of Collaborator/ Parent Company/ Subsidiary Company/ Group Company shall also be acceptable, for which a confirmation shall be furnished along with the bid as per format attached in the bidding documents.
5.	In case of package comprises of multiple voltage level in one GIS substation and/or Extension of more then one GIS Substation(s), GIS from different manufacturer(s) shall also be acceptable subject to the condition that one voltage class of GIS at any substation is supplied from one manufacturer only. In such cases bidder must submit MAF from all the proposed GIS Manufacturer(s) in their bid.
<b>2.0</b>	<b>FINANCIAL POSITION</b>
<i>Covered separately under Financial PQR of NIT</i>	
<b>3.0</b>	<b>JOINT VENTURE BID</b>
<i>deleted</i>	
4.0	The bidder shall furnish documentary evidence in support of the qualifying requirement stipulated as above.

  
22/01/26

**PREPARED BY**

GHANSHYAM LASPAL  
MANAGER-TBEM

  
22/01/26

**REVIEWED BY**

DILEEP KUMAR SHUKLA  
DGM-TBEM

  
22-01-26.

**APPROVED BY**

VIVEK KAPIL  
AGM-TBEM

**TECHNICAL PRE-QUALIFICATION REQUIREMENT**

**Name of Project:** Pre-bid tie up for 400 kV GIS Substation Package SS142T for (a) Establishment of 400 kV GIS Switching station (New) at Niglok in Arunachal Pradesh (b) Extension of 400 kV (AIS) S/s at Gogamukh associated with "NERGS-III Siang Basin" through tariff based competitive bidding (TBCB) route; Specification no: CC/T/W-GIS/DOM/A04/25/13443

**Name of Customer:** M/s Power Grid Corporation of India Limited (POWERGRID)

**Name of Consultant:** --

**Name of Item:** 220kV Gas Insulated Switchgear with Accessories

TECHNICAL PRE-QUALIFICATION REQUIREMENT
<p>(i) The bidder/ manufacturer whose 220kV level GIS bays are offered must have designed, manufactured, type tested** (as per IEC or equivalent standard), supplied and supervised erection &amp; commissioning of at least two (2) nos. Gas Insulated Switchgear (GIS) circuit breaker bays@ of 220kV or above voltage class in one (1) Substation or Switchyard during the last seven (7) years and these bays must be in satisfactory operation# for at least two (2) years as on re-scheduled last date of bid submission (soft copy) i.e. 30.01.2026</p> <p>(ii) Alternatively, the manufacturer, who have established manufacturing and testing facilities in India and not meeting the requirement stipulated in (i) above, can also be considered provided that</p> <p>a) Atleast one no. 220kV or above voltage level GIS Circuit Breaker bay@ must have been manufactured in the above Indian works based on the technological support of the Collaborator(s) and either supplied or type tested the above GIS bay (as per IEC or equivalent standard) as on the re-scheduled last date of bid submission (soft copy) i.e. 30.01.2026</p> <p>b) The collaborator(s) meets the requirements stipulated in (i) above. A valid collaboration agreement for technology transfer/license to design, manufacture, test and supply 220kV or above voltage level GIS equipment in India shall be submitted.</p> <p>c) The Collaborator(s) shall furnish performance guarantee for an amount of 10% of the ex-works cost of such equipment(s) and this performance guarantee shall be in addition to Contract Performance Guarantee to be submitted by the bidder.</p> <p><b>Note:</b></p> <p>1. (@) For the purpose of technical requirement, one no. of circuit breaker bay shall be considered as a bay used for controlling a line or a transformer or a reactor or a bus section or a bus coupler and comprising of at least one circuit breaker, one disconnector and three nos. of single phase CTs / Bushing CTs. GIS means SF6 Gas insulated Switchgear.</p> <p>2. (**) Type test reports of the collaborator/ parent company/ subsidiary company/ group company shall also be acceptable.</p> <p>3. (#) Satisfactory operation means certificate issued by the Employer/Utility certifying the operation without any adverse remark.</p>

  
PREPARED BY

GHANSHYAM LASPAL  
MANAGER-TBEM

  
REVIEWED BY

DILEEP KUMAR SHUKLA  
DGM-TBEM

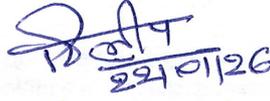
  
APPROVED BY

VIVEK KAPIL  
AGM-TBEM

<b>SUPPORTING DOCUMENTS TO BE ATTACHED</b> (As applicable as per PQ requirement)		
<b>Sr</b>	<b>Required Criteria</b>	<b>Supporting Documents to be submitted by bidder along with technical bid</b>
1	Manufacturing	Approved Drawings / GTP / Approved Quality Plan / Factory Inspection Test Report etc.
2	Supply	PO / Dispatch clearance / LR / Material Receipt certificate at site / installation or commissioning certificate etc.
4	Type Test	TTR approval from customer / Type Test Report etc.
5	Successful operation	Satisfactory operation means certificate issued by the Employer/Utility certifying the operation without any adverse remark.
6	ISO certified company	ISO Certificate

**Notes (General points):**

1. Consideration of offer shall be subject to customer's approval of bidder's, if applicable.
2. Bidder to submit all supporting documents in English. If documents submitted by bidder are in language other than English, a self- attested English translated document should also be submitted.
3. Notwithstanding anything stated above, BHEL reserves the right to assess the capabilities and capacity of the bidder to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL.
4. After satisfactory fulfilment of all the above criteria / requirement, offer shall be considered for further evaluation as per NIT and all the other terms of the tender.

  
22/01/26**PREPARED BY**GHANSHYAM LASPAL  
MANAGER-TBEM  
22/01/26**REVIEWED BY**DILEEP KUMAR SHUKLA  
DGM-TBEM  
22-01-26**APPROVED BY**VIVEK KAPIL  
AGM-TBEM

Tender Inviting Authority: BHEL TBG NOIDA

Name of Work: Powergrid's Substation Package SS-142T (Niglok)

Enquiry/NIT No: NIT No. 95618\_Enquiry No. 61Q2600368 Dated 13-11-2025

<p style="text-align: center;"><b>PRICE SCHEDULE</b> (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)</p>															
NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	Unit RATE In Figures To be entered by the Bidder in Rs. P	GST (in Percentage)	GST Amount (Unit Rate*Quantity*GST) Rs. P	Unit Freight & Insurance Charges in Rs. P	GST (in Percentage)	GST Amount on F&I (Unit Rate*Quantity*GST) Rs. P	HSN / SAC Code	TOTAL Ex-Works + F & I AMOUNT excluding GST in Rs. P	TOTAL Ex-Works + F & I AMOUNT including GST in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	12	13	14	15	16	20	21	51	53	54	55
1.01	<b>SUPPLY- GIS : 220kV, 50kA FOR 1S, GAS INSULATED SWITCHGEAR (GIS) AS PER TS (For item sl. No. 1.01-1.06):</b> 245 KV, 3500A, 50KA, 3 PHASE SF6 GIS BUS BAR MODULE AS PER SECTION-PROJECT, TECHNICAL SPECIFICATION	item1	2	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.02	245KV, 2000A, 50 KA, SF6 GIS ICT FEEDERBAY MODULE AS PER SECTION-PROJECT, TECHNICAL SPECIFICATION	item2	2	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.03	245KV, 2000A, 50 KA, SF6 GIS LINE FEEDER BAY MODULE AS PER SECTION-PROJECT, TECHNICAL SPECIFICATION	item3	2	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.04	245KV, 3500A, 50 KA, 3 PHASE SF6 GIS BUS COUPLER BAY MODULE AS PER SECTION-PROJECT, TECHNICAL SPECIFICATION	item4	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.05	245KV, 2000A, 50KA, 3 SINGLE PHASE/3 PHASE, SF6 GAS INSULATED BUS DUCT (GIB) OUTSIDE GIS HALL ALONGWITH ASSOCIATED SUPPORT STRUCTURE (QUANTITY MENTIONED HERE IS FOR 3 PHASE TYPE)	item5	210	MTR	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.06	245KV, 2000A, 50KA SINGLE PHASE SF6 TO AIR BUSHING	item6	12	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.01	<b>SPARES- GIS : 220kV, 50kA FOR 1S, MANDATORY SPARES AS PER TS (For item sl. No: 2.01-2.51):</b> 220KV GIS-SF6 GAS PRESSURE RELIEF DEVICE ASSEMBLY OF EACH TYPE	item7	2	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.02	COUPLING DEVICE FOR PRESSURE GAUGE CUM SWITCH FOR CONNECTING GAS HANDLING PLANT OF EACH TYPE-220KV GIS	item8	2	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.03	RUBBER GASKETS, 'O' RINGS AND SEALS FOR SF6 GAS FOR GIS ENCLOSURE OF EACH TYPE-220KV GIS	item9	3	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.04	220KV GIS-MOLECULAR FILTER FOR SF6 GAS WITH FILTER BAGS (5 % OF TOTALWEIGHT)	item10	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.05	CONTROL VALVES FOR SF6 GAS OF EACH TYPE-220KV GIS	item11	3	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.06	220KV GIS-SF6 GAS (5 % OF TOTAL GAS QUANTITY)	item12	1	LOT	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.07	LOCKING DEVICE TO KEEP THE DIS-CONNECTORS (ISOLATORS)AND EARTHING/FAST EARTHING SWITCHES (AS APPLICABLE) IN CLOSE OR OPENPOSITION IN CASE OF REMOVAL OF THE DRIVING MECHANISM-220KV GIS	item13	3	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.08	UHF PD SENSORS OF EACH TYPE ALONG WITH BNC CONNECTOR FOR 245KV GIS	item14	5	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.09	220KV GIS-SUPPORT INSULATORS (GAS THROUGH) OF EACH TYPE (COMPLETE WITHMETAL RING ETC.) ALONG WITH ASSOCIATED CONTACTS AND SHIELDS	item15	5	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.10	220KV GIS-GAS BARRIERS OF EACH TYPE (COMPLETE WITH METAL RING ETC.) ALONG WITH ASSOCIATED CONTACTS AND SHIELDS	item16	5	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only

Tender Inviting Authority: BHEL TBG NOIDA

Name of Work: Powergrid's Substation Package SS-142T (Niglok)

Enquiry/NIT No: NIT No. 95618\_Enquiry No. 61Q2600368 Dated 13-11-2025

Name of the Bidder/ Bidding Firm / Company :

**PRICE SCHEDULE**  
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	Unit RATE In Figures To be entered by the Bidder in Rs. P	GST (in Percentage)	GST Amount (Unit Rate*Quantity* GST) Rs. P	Unit Freight & Insurance Charges in Rs. P	GST (in Percentage)	GST Amount on F&I (Unit Rate*Quantity*GST) Rs. P	HSN / SAC Code	TOTAL Ex-Works + F & I AMOUNT excluding GST in Rs. P	TOTAL Ex-Works + F & I AMOUNT including GST in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	12	13	14	15	16	20	21	51	53	54	55
2.11	245KV, 2000A, 50KA SINGLE PHASE SF6 TO AIR BUSHING	item17	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.12	LCC SPARES - AUX. RELAYS, CONTACTORS, PUSH BUTTONS, SWITCHES, LAMPS, ANNUNCIATION WINDOWS, MCB, FUSES, TIMERS, TERMINAL BLOCKS ETC. OF EACH TYPE & RATING-220KV GIS	item18	2	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.13	220KV GIS-ONE POLE OF 2000A CIRCUIT BREAKER WITH INTERRUPTER, MAINCIRCUIT, ENCLOSURE AND OPERATING MECHANISM COMPLETE IN ALL RESPECT	item19	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.14	220KV GIS-ONE POLE OF 3500A CIRCUIT BREAKER WITH INTERRUPTER, MAINCIRCUIT, ENCLOSURE AND OPERATING MECHANISM COMPLETE IN ALL RESPECT	item20	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.15	TRIP COIL ASSEMBLY WITH RESISTOR FOR245KV GIS CIRCUIT BREAKER (ASAPPLICABLE)	item21	3	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.16	CLOSING COIL ASSEMBLY WITH RESISTOR FOR245KV GIS CIRCUIT BREAKER (ASAPPLICABLE)	item22	3	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.17	RELAYS, POWER CONTACTORS, PUSH BUTTONS, TIMERS & MCBS ETC. (ASAPPLICABLE) OF EACH TYPE FOR 220KV GIS CIRCUIT BREAKER	item23	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.18	AUXILIARY SWITCH ASSEMBLY OF EACH TYPE FOR 245KV GIS CIRCUIT BREAKER	item24	3	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.19	220KV GIS CIRCUIT BREAKER-OPERATION COUNTER	item25	3	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.20	220KV GIS CIRCUIT BREAKER-HYDRAULIC OPERATING MECHANISM WITH DRIVEMOTOR (FOR HYDRAULIC OPERATED MECHANISM, IF APPLICABLE)	item26	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.21	HYDRAULIC FILTER OF EACH TYPE (FOR HYDRAULIC OPERATED MECHANISM, IFAPPLICABLE)-220KV GIS CIRCUIT BREKAER	item27	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.22	220KV GIS CIRCUIT BREAKER- HOSE PIPE OF EACH TYPE (AS APPLICABLE) (FORHYDRAULIC OPERATED MECHANISM, IF APPLICABLE)	item28	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.23	220KV GIS CIRCUIT BREAKER - N2 ACCUMULATOR (FOR HYDRAULIC OPERATEDMECHANISM, IF APPLICABLE)	item29	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.24	VALVES OF EACH TYPE (FOR HYDRAULIC OPERATED MECHANISM, IFAPPLICABLE)-220KV GIS CIRCUIT BREKAER	item30	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.25	PIPE LENGTH (COPPER & STEEL) OF EACH SIZE & TYPE (FOR HYDRAULICOPERATED MECHANISM, IF APPLICABLE)-220KV GIS CIRCUIT BREKAER	item31	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.26	PRESSURE SWITCHES OF EACH TYPE (FOR HYDRAULIC OPERATED MECHANISM, IFAPPLICABLE)-220KV GIS CIRCUIT BREKAER	item32	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.27	PRESSURE GAUGE WITH COUPLING DEVICE OF EACH TYPE (FOR HYDRAULICOPERATED MECHANISM, IF APPLICABLE)-220KV GIS CIRCUIT BREKAER	item33	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.28	220KV GIS CIRCUIT BREAKER-HYDRAULIC OIL (5% OF TOTAL OIL QUANTITY) (FOR HYDRAULIC OPERATED MECHANISM, IF APPLICABLE)	item34	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only

Tender Inviting Authority: BHEL TBG NOIDA

Name of Work: Powergrid's Substation Package SS-142T (Niglok)

Enquiry/NIT No: NIT No. 95618\_Enquiry No. 61Q2600368 Dated 13-11-2025

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1	2	3	4	5	12	13	14	15	16	20	21	51	53	54	55
2.29	PRESSURE RELIEF DEVICE OF EACH TYPE (FOR HYDRAULIC OPERATED MECHANISM, IF APPLICABLE)- 220KV GIS CIRCUIT BREAKER	item35	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.30	220KV GIS CIRCUIT BREAKER-COMplete SPRING OPERATING MECHANISM INCLUDING CHARGING MECHANISM ETC. (FOR SPRING OPERATED MECHANISM, IF APPLICABLE)	item36	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.31	220KV GIS CIRCUIT BREAKER- COMPLETE HYDRAULIC-SPRING OPERATING MECHANISM INCLUDING CHARGING MECHANISM ETC. (FOR HYDRAULIC-SPRING OPERATED MECHANISM, IF APPLICABLE)	item37	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.32	PRESSURE SWITCHES OF EACH TYPE (FOR HYDRAULIC-SPRING OPERATED MECHANISM, IF APPLICABLE)- 220KV GIS CIRCUIT BREAKER	item38	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.33	PRESSURE GAUGE WITH COUPLING DEVICE OF EACH TYPE (FOR HYDRAULIC-SPRING OPERATED MECHANISM, IF APPLICABLE)-220KV GIS CIRCUIT BREAKER	item39	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.34	220KV GIS- THREE PHASE OF 2000A DISCONNECTOR SWITCH INCLUDING MAIN CIRCUIT, ENCLOSURE, DRIVING MECHANISM AND SUPPORT INSULATOR ETC., COMPLETE IN ALL RESPECT	item40	4	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.35	220KV GIS- THREE PHASE OF 3500A DISCONNECTOR SWITCH INCLUDING MAIN CIRCUIT, ENCLOSURE, DRIVING MECHANISM AND SUPPORT INSULATOR ETC., COMPLETE IN ALL RESPECT	item41	2	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.36	220KV GIS- THREE PHASE MAINTENANCE EARTHING SWITCH INCLUDING MAIN CIRCUIT, ENCLOSURE, DRIVING MECHANISM AND SUPPORT INSULATOR ETC., COMPLETE IN ALL RESPECT	item42	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.37	220KV GIS - THREE PHASE FAST EARTHING SWITCH INCLUDING MAIN CIRCUIT, ENCLOSURE, DRIVING MECHANISM AND SUPPORT INSULATOR ETC., COMPLETE IN ALL RESPECT	item43	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.38	OPEN/CLOSE CONTACTOR ASSEMBLY, TIMERS, KEY INTERLOCK, INTERLOCKING COILS, RELAYS, PUSH BUTTONS, INDICATING LAMPS, POWER CONTACTORS, RESISTORS, FUSES, MCBS & DRIVE CONTROL CARDS ETC. (AS APPLICABLE) ONE OF EACH TYPE FOR ONE COMPLETE MOM BOX FOR 220KV GIS DISCONNECTOR SWITCH	item44	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.39	OPEN/CLOSE CONTACTOR ASSEMBLY, TIMERS, KEY INTERLOCK, INTERLOCKING COILS, RELAYS, PUSH BUTTONS, INDICATING LAMPS, POWER CONTACTORS, RESISTORS, FUSES, MCBS & DRIVE CONTROL CARDS ETC. (AS APPLICABLE) ONE OF EACH TYPE FOR ONE COMPLETE MOM BOX FOR 220KV GIS MAINTENANCE EARTH SWITCH	item45	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only

Tender Inviting Authority: BHEL TBG NOIDA

Name of Work: Powergrid's Substation Package SS-142T (Niglok)

Enquiry/NIT No: NIT No. 95618\_Enquiry No. 61Q2600368 Dated 13-11-2025

Name of the Bidder/ Bidding Firm / Company :															
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Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	Unit RATE In Figures To be entered by the Bidder in Rs. P	GST (in Percentage)	GST Amount (Unit Rate*Quantity*GST) Rs. P	Unit Freight & Insurance Charges in Rs. P	GST (in Percentage)	GST Amount on F&I (Unit Rate*Quantity*GST) Rs. P	HSN / SAC Code	TOTAL Ex-Works + F & I AMOUNT excluding GST in Rs. P	TOTAL Ex-Works + F & I AMOUNT including GST in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	12	13	14	15	16	20	21	51	53	54	55
2.40	OPEN/CLOSE CONTACTOR ASSEMBLY, TIMERS, KEY INTERLOCK, INTERLOCKING COILS, RELAYS, PUSH BUTTONS, INDICATING LAMPS, POWER CONTACTORS, RESISTORS, FUSES, MCBS & DRIVE CONTROL CARDS ETC. (AS APPLICABLE) ONE OF EACH TYPE FOR ONE COMPLETE MOM BOX FOR 220KV GIS FAST EARTHINGSWITCH	item46	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.41	LIMIT SWITCHES AND AUX. SWITCHES FOR ONE COMPLETE MOM BOX FORDISCONNECTOR-220KV GIS	item47	2	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.42	LIMIT SWITCHES AND AUX. SWITCHES FOR ONE COMPLETE MOM BOX FORMAINTENANCE EARTHING SWITCH-220KV GIS	item48	2	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.43	LIMIT SWITCHES AND AUX. SWITCHES FOR ONE COMPLETE MOM BOX FOR FASTEARTHING SWITCH (IF APPLICABLE)-220KV GIS	item49	2	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.44	DRIVE MECHANISM FOR 220KV GIS DISCONNECTOR SWITCH	item50	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.45	DRIVE MECHANISM FOR 220KV GIS MAINTENANCE EARTH SWITCH	item51	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.46	DRIVE MECHANISM FOR 220KV GIS FAST EARTHING SWITCH	item52	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.47	MOTOR FOR DRIVE MECHANISM FOR 220KV GIS DISCONNECTOR SWITCH	item53	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.48	MOTOR FOR DRIVE MECHANISM FOR 220KV GIS MAINTENANCE EARTH SWITCH	item54	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.49	MOTOR FOR DRIVE MECHANISM FOR 220KV GIS FAST EARTHING SWITCH	item55	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.50	220KV GIS- SINGLE PHASE VT WITH ASSOCIATED ENCLOSURE COMPLETE IN ALL RESPECT	item56	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.51	220KV GIS- SINGLE PHASE OF CURRENT TRANSFORMER (5 CORES) WITH ASSOCIATED ENCLOSURE AND PRIMARY CONDUCTOR COMPLETE IN ALL RESPECT	item57	2	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.52	SF6 PRESSURE GAUGE CUM SWITCH/ DENSITY MONITORS AND PRESSURE SWITCH AS APPLICABLE, OF EACH TYPE-220KV GIS	item58	3	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
3.01	<b>SUPPLY- GIS : 220kV, 50kA FOR 1S, REFERENCE UNIT PRICE FOR ADDITION / DELETION OF SUPPLY ITEMS (Unit Prices of Individual Equipment included here or in mandatory spares are required for any Addition/Deletion of Equipment and replacement of damaged items. Vendor to ensure that the unit prices have a logical relationship with prices of assemblies in main items. Quoting for unit prices is mandatory and shall be considered for evaluation) (For item Sl. No. 3.01-3.06):</b> SUPPLY- GIS : 245kV, SINGLE PHASE BUS BAR	item59	1	MTR	INR			0.00			0.00		0.000	0.000	INR Zero Only
3.02	SUPPLY- GIS : 245kV, GIS METALLIC ENCLOSURE	item60	50	KG	INR			0.00			0.00		0.000	0.000	INR Zero Only
3.03	SUPPLY- GIS : 245kV, EXPANSION BELLOWS/ JOINTS	item61	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
3.04	SUPPLY- GIS : 245kV, TEE BEND	item62	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only

Tender Inviting Authority: BHEL TBG NOIDA

Name of Work: Powergrid's Substation Package SS-142T (Niglok)

Enquiry/NIT No: NIT No. 95618\_Enquiry No. 61Q2600368 Dated 13-11-2025

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Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	Unit RATE In Figures To be entered by the Bidder in Rs. P	GST (in Percentage)	GST Amount (Unit Rate*Quantity* GST) Rs. P	Unit Freight & Insurance Charges in Rs. P	GST (in Percentage)	GST Amount on F&I (Unit Rate*Quantity*GST) Rs. P	HSN / SAC Code	TOTAL Ex-Works + F & I AMOUNT excluding GST in Rs. P	TOTAL Ex-Works + F & I AMOUNT including GST in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	12	13	14	15	16	20	21	51	53	54	55
3.05	SUPPLY- GIS : 245kV, ANGLE BEND	item63	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
3.06	SUPPLY- GIS : 245kV, L-BEND	item64	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
4.01	<b>SERVICES- GIS : 220kV, 50kA FOR 1S, GAS INSULATED SWITCHGEAR (GIS) AS PER TS (For item Sl. No. 4.01-4.08):</b> SERVICES- GIS : 245kV, SUPERVISION OF ERECTION OF GIS	item65	5	bays	INR			0.00			0.00		0.000	0.000	INR Zero Only
4.02	SERVICES- GIS : 245kV, SUPERVISION OF ERECTION OF GAS INSULATED BUS DUCT (QUANTITY MENTIONED HERE IS FOR 3 PHASE TYPE)	item66	210	MTR	INR			0.00			0.00		0.000	0.000	INR Zero Only
4.03	SERVICES- GIS : 245kV, SUPERVISION OF ERECTION OF SF6 TO AIR BUSHING	item67	12	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
4.04	SERVICES- GIS : 245kV, TESTING & COMMISSIONING OF GIS	item68	5	bays	INR			0.00			0.00		0.000	0.000	INR Zero Only
4.05	SERVICES- GIS : 245kV, TESTING & COMMISSIONING OF GAS INSULATED BUS DUCT (QUANTITY MENTIONED HERE IS FOR 3 PHASE TYPE)	item69	210	MTR	INR			0.00			0.00		0.000	0.000	INR Zero Only
4.06	SERVICES- GIS : 245kV, TESTING & COMMISSIONING OF SF6 TO AIR BUSHING	item70	12	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
4.07	SERVICES- GIS : 245kV, FINAL SUCCESSFUL HV/ POWER FREQUENCY TESTING OF GIS INCLUDING ARRANGING OF HV TEST KIT ALONG WITH OPERATOR	item71	5	bays	INR			0.00			0.00		0.000	0.000	INR Zero Only
4.08	SERVICES- GIS : INSULATION CO-ORDINATION STUDIES FOR GIS SYSTEM	item72	1	LOT	INR			0.00			0.00		0.000	0.000	INR Zero Only
5.01	<b>SERVICES- GIS : 220kV, 50kA FOR 1S, REFERENCE UNIT PRICE FOR ADDITION / DELETION OF SERVICES SERVICES- GIS : REFERENCE UNIT PRICE FOR ADDITION / DELETION OF SERVICES (Unit Prices of Individual services included here are required for any Addition/Deletion of Equipment and replacement of damaged items. Vendor to ensure that the unit prices have a logical relationship with prices of assemblies in main items. Quoting for unit prices is mandatory and shall be considered for evaluation) (For item sl. No. 5.01-5.08):</b> SERVICES- GIS : 245kV, REF. UNIT PRICE OF GIS INDIVIDUAL ITEM/ EQUIPMENT - SERVICES FOR SUPERVISION OF ERECTION OF GIS	item73	10	MANDAY	INR			0.00			0.00		0.000	0.000	INR Zero Only
5.02	SERVICES- GIS : 245kV, REF. UNIT PRICE OF GIS INDIVIDUAL ITEM/ EQUIPMENT - SERVICES FOR TESTING & COMMISSIONING OF GIS	item74	10	MANDAY	INR			0.00			0.00		0.000	0.000	INR Zero Only
5.03	SERVICES- GIS : 245kV, DEMOBILIZATION AND REMOBILIZATION CHARGES FOR GIS ERECTION SUPERVISION TEAM	item75	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only
5.04	SERVICES- GIS : 245kV, DEMOBILIZATION AND REMOBILIZATION CHARGES FOR GIS TESTING & COMMISSIONING TEAM	item76	1	SET	INR			0.00			0.00		0.000	0.000	INR Zero Only

Tender Inviting Authority: BHEL TBG NOIDA

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Enquiry/NIT No: NIT No. 95618\_Enquiry No. 61Q2600368 Dated 13-11-2025

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5.05	SERVICES- GIS : 245kv, DEMOBILIZATION & REMOBILIZATION CHARGES OF HV TEST KIT ALONG WITH OPERATOR	item77	1	LOT	INR			0.00			0.00		0.000	0.000	INR Zero Only
<b>Total in Figures</b>													0.000	0.000	Zero Only
<b>oted Rate in Words</b>		<b>INR Zero Only</b>													