

Tender Inviting Authority: BHEL TBG NOIDA

Name of Work: GIS FOR LTHPL LANCO TEESTA (NHPC) PROJECT

Enquiry/NIT No:

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 relevent 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 #	NUMBER #	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	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	13	14	15	16	20	21	51	53	54	55
1.01	Supply- GIS: 220kV, 40kA for 1 second, 2000A GIS double main bus scheme - Transmission Line Bay module	item1	2	Set			0.00			0.00		0.000	0.000	INR Zero Only
1.02	Supply- GIS: 220kV, 40kA for 1 second, 2000A GIS double main bus scheme - Generator Bay module	item2	4	Set			0.00			0.00		0.000	0.000	INR Zero Only
1.03	Supply- GIS: 220kV, 40kA for 1 second, 2000A GIS double main bus scheme - Buscoupler Bay module	item3	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
1.04	Supply- GIS: 220kV, 40kA for 1 second, 2000A GIS double main bus scheme - Bus Measurement Bay	item4	2	Set			0.00			0.00		0.000	0.000	INR Zero Only
1.05	Supply- GIS: 220kV, 40kA for 1 second, 2000A GIS double main bus scheme - Bus Earth Switch Bay	item5	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
1.06	Supply- GIS: 220kV, 40kA for 1 second, 2000A GIS double main bus scheme - GIS Extension Module	item6	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
1.07	Supply- GIS: 220kV, 40kA for 1 second, 2000A GIS double main bus scheme - GIS Bus Extension Module for future bay extension	item7	2	Set			0.00			0.00		0.000	0.000	INR Zero Only
1.08	Supply- GIS: 220kV, 40kA for 1 second, 2000A GIS double main bus scheme - GIS Surge Arrester Module with Surge Counter	item8	6	Set			0.00			0.00		0.000	0.000	INR Zero Only
1.09	Supply- GIS: 220kV, 40kA for 1 second, 2000A GIS double main bus scheme - Gas Insulated Bus Duct	item9	750	Mtr			0.00			0.00		0.000	0.000	INR Zero Only

1.1	Supply- GIS: 220kV, 40kA for 1 second, 2000A GIS double main bus scheme - SF6 to EHV Cable termination Module.	item10	6	No			0.00			0.00		0.000	0.000	INR Zero Only
1.11	Supply- GIS: 220kV, 40kA for 1 second, 2000A GIS double main bus scheme - SF6 to oil bushing/ connection	item11	12	No			0.00			0.00		0.000	0.000	INR Zero Only
1.12	Supply- GIS: 220kV, 40kA for 1 second, 2000A GIS double main bus scheme - Local Control Centre (LCC)	item12	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
1.13	Supply- GIS: 220kV, 40kA for 1 second, 2000A GIS double main bus scheme - SF6 gas required for placing GIS into successful operation	item13	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
1.14	Supply- GIS: 220kV, 40kA for 1 second, 2000A GIS double main bus scheme - Structure Materials for support of GIS, Bus Ducts, SF6 to oil bushing/ connection and SF6 to air bushing/ connection including Foundation Bolts, Embedded	item14	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
1.15	Supply- GIS: 220kV, Continuous Online Gas monitoring system	item15	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
1.16	Supply- GIS: 220kV, UHF Partial Discharge Couplers	item16	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
1.17	Supply- GIS: 220kV, 40kA for 1 second, 2000A GIS double main bus scheme - Complete Earthing Materials including High Frequency Earthing	item17	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
1.18	Supply- GIS: 220kV, 40kA for 1 second, 2000A GIS double main bus scheme - Consumables for GIS system	item18	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
2.01	Supply: Special Tools - Handling devices and Tools for bays	item19	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
2.02	Supply: Special Tools - Handling devices and Tools for equipments	item20	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
2.03	Supply: Special Tools - Gas leakage detector	item21	1	Nos			0.00			0.00		0.000	0.000	INR Zero Only
2.04	Supply: Special Tools - Endoscope	item22	1	Nos			0.00			0.00		0.000	0.000	INR Zero Only
2.05	Supply: Special Tools - Control kit for density switch threshold	item23	1	Nos			0.00			0.00		0.000	0.000	INR Zero Only
2.06	Supply: Special Tools - SF6 pressure control and measuring set (Digital)	item24	2	Nos			0.00			0.00		0.000	0.000	INR Zero Only

2.07	Supply: Special Tools - Tools for Gas handling	item25	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
2.08	Supply: Special Tools - Gas processing and filling unit	item26	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
2.09	Supply: Special Tools- Any other special tools and tackles required for proper maintenance of GIS units has to be supplied by the bidder	item27	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
3.01	Supply: Testing Instruments- SF6 gas multi analyser kit	item28	1	Nos			0.00			0.00		0.000	0.000	INR Zero Only
3.02	Supply: Testing Instruments- Portable Vacuum meter with probes	item29	1	Nos			0.00			0.00		0.000	0.000	INR Zero Only
3.03	Supply: Testing Instruments- Contact Thermometer	item30	1	Nos			0.00			0.00		0.000	0.000	INR Zero Only
3.04	Supply: Testing Instruments- CB Operation analyser kit (alongwith DCRM kit)	item31	1	Nos			0.00			0.00		0.000	0.000	INR Zero Only
4.01	Supply: Mandatory Spares- Spare SF6 gas required for the complete GIS	item32	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
4.02	Supply: Mandatory Spares- Complete circuit breaker with operating mechanism for 1 pole in a sealed packing with provision monitoring gas pressure/ Vacuum	item33	1	No			0.00			0.00		0.000	0.000	INR Zero Only
4.03	Supply: Mandatory Spares- Complete disconnecter switch with operating mechanism, cone and enclosure for 1 pole in a sealed packing with provision of monitoring gas pressure/Vacuum	item34	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
4.04	Supply: Mandatory Spares- Complete earthing switch with operating mechanism, cone and enclosure for 1 pole in a sealed packing with provision of monitoring gas pressure/Vacuum	item35	1	No			0.00			0.00		0.000	0.000	INR Zero Only
4.05	Supply: Mandatory Spares- Complete high speed earthing switch with operating mechanism, cone and enclosure for 1 pole in a sealed packing with provision of monitoring gas pressure/ Vacuum	item36	1	No			0.00			0.00		0.000	0.000	INR Zero Only
4.06	Supply: Mandatory Spares- Tripping coil for Circuit Breaker	item37	6	No			0.00			0.00		0.000	0.000	INR Zero Only
4.07	Supply: Mandatory Spares- Closing coil for Circuit Breaker	item38	6	No			0.00			0.00		0.000	0.000	INR Zero Only
4.08	Supply: Mandatory Spares- Rupture disc complete assembly including replacement kit.	item39	1	Set			0.00			0.00		0.000	0.000	INR Zero Only

4.09	Supply: Mandatory Spares- Sealing / "O" ring / Gaskets	item40	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
4.1	Supply: Mandatory Spares- Local Control Cabinet - MCB, fuses, time relay, auxiliary relay, indicating lamp, resistors, limit switches, contactor and terminals	item41	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
4.11	Supply: Mandatory Spares- SF6 filling valve for circuit breaker zone	item42	2	No			0.00			0.00		0.000	0.000	INR Zero Only
4.12	Supply: Mandatory Spares- SF6 filling valve for other zones (excluding circuit breaker zone)	item43	2	No			0.00			0.00		0.000	0.000	INR Zero Only
4.13	Supply: Mandatory Spares- Gas density/ pressure measurement and monitoring -input output and processing cards	item44	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
4.14	Supply: Mandatory Spares- Gas density/ Pressure transmitter	item45	2	No			0.00			0.00		0.000	0.000	INR Zero Only
4.15	Supply: Mandatory Spares- HMI for gas monitoring and PD system	item46	1	No			0.00			0.00		0.000	0.000	INR Zero Only
4.16	Supply: Mandatory Spares- Insulating cone	item47	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
4.17	Supply: Mandatory Spares- Observation window	item48	2	No			0.00			0.00		0.000	0.000	INR Zero Only
4.18	Supply: Mandatory Spares- UHF coupler for PD measurement	item49	6	No			0.00			0.00		0.000	0.000	INR Zero Only
4.19	Supply: Mandatory Spares- Multi core Current Transformers module	item50	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
4.2	Supply: Mandatory Spares- Voltage/Potential Transformer module	item51	2	No			0.00			0.00		0.000	0.000	INR Zero Only
4.21	Supply: Mandatory Spares- Corona Shield	item52	1	No			0.00			0.00		0.000	0.000	INR Zero Only
4.22	Supply: Mandatory Spares- Surge Arrestor	item53	2	No			0.00			0.00		0.000	0.000	INR Zero Only
5.01	Supply: Operation & Maintenance Spares	item54	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only

6.01	Supply: Unit reference price of GIS part item/ equipment-220kV , 2000A Circuit Breaker	item55	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.02	Supply: Unit reference price of GIS part item/ equipment-220kV , 2000A Disconnecter	item56	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.03	Supply: Unit reference price of GIS part item/ equipment-220kV , 2000A Safety earthing switch	item57	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.04	Supply: Unit reference price of GIS part item/ equipment-220kV , 2000A Fast acting make proof grounding switch/ High speed make proof grounding switch	item58	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.05	Supply: Unit reference price of GIS part item/ equipment-Surge Arrestor including Surge Counter	item59	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.06	Supply: Unit reference price of GIS part item/ equipment-220kV Current Transformer	item60	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.07	Supply: Unit reference price of GIS part item/ equipment-220kV Voltage Transformer	item61	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.08	Supply: Unit reference price of GIS part item/ equipment-Operating Mechanism for Circuit Breaker	item62	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.09	Supply: Unit reference price of GIS part item/ equipment-Operating Mechanism box for Disconnecter	item63	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.1	Supply: Unit reference price of GIS part item/ equipment-Operating Mechanism box for Safety earthing switch	item64	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.11	Supply: Unit reference price of GIS part item/ equipment-Operating Mechanism for Fast acting make proof grounding switch/ High speed make proof grounding switch	item65	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.12	Supply: Unit reference price of GIS part item/ equipment-220kV, 1 Phase bus bar conductor	item66	1	Mtr			0.00			0.00		0.000	0.000	INR Zero Only
6.13	Supply: Unit reference price of GIS part item/ equipment-220kV, 1 phase GIS metallic enclosure for bus bar/ any equipment	item67	1	Mtr			0.00			0.00		0.000	0.000	INR Zero Only
6.14	Supply: Unit reference price of GIS part item/ equipment-220kV, 1 Phase conductor for bus duct	item68	1	Mtr			0.00			0.00		0.000	0.000	INR Zero Only
6.15	Supply: Unit reference price of GIS part item/ equipment-220kV, 1 phase GIS metallic enclosure for bus duct	item69	1	Mtr			0.00			0.00		0.000	0.000	INR Zero Only

6.16	Supply: Unit reference price of GIS part item/ equipment- Gas permeable/ communication/ barrier type Insulator	item70	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.17	Supply: Unit reference price of GIS part item/ equipment- Gas non- permeable/ non - communication/ non-barrier type Insulator	item71	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.18	Supply: Unit reference price of GIS part item/ equipment- UHF Partial Discharge Coupler	item72	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.19	Supply: Unit reference price of GIS part item/ equipment- Pressure/ density monitor, monitor device & Switch	item73	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.2	Supply: Unit reference price of GIS part item/ equipment- Pressure relief device	item74	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.21	Supply: Unit reference price of GIS part item/ equipment- Rupture disc	item75	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.22	Supply: Unit reference price of GIS part item/ equipment- Elbow/ bend/ cross and T section	item76	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.23	Supply: Unit reference price of GIS part item/ equipment- Expansion joint	item77	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.24	Supply: Unit reference price of GIS part item/ equipment- Flexible connections	item78	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
6.25	Supply: Unit reference price of GIS part item/ equipment- Gas seals	item79	1	Set			0.00			0.00		0.000	0.000	INR Zero Only
7.01	Service: GIS- 220KV, Site visit for supervision of unloading & verification of GIS materials for proper storage and up-keeping at site	item80	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
7.02	Service: GIS- 220KV, Supervision of erection of GIS bays including LCC	item81	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
7.03	Service: GIS- 220KV, Supervision of erection of GIS- For gas insulated bus duct	item82	750	Mtr			0.00			0.00		0.000	0.000	INR Zero Only
7.04	Service: GIS- 20KV, Supervision of erection of GIS- SF6 to oil bushing/ connection	item83	12	No			0.00			0.00		0.000	0.000	INR Zero Only
7.05	Service: GIS- 220KV, Supervision of erection of GIS- SF6 to EHV cable GIS connection module	item84	6	No			0.00			0.00		0.000	0.000	INR Zero Only

7.06	Service: GIS- 220KV, Testing & commissioning of GIS bays including LCC	item85	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
7.07	Service: GIS- 220KV, Testing & commissioning of GIS- SF6 to oil bushing/ connection	item86	12	No			0.00			0.00		0.000	0.000	INR Zero Only
7.08	Service: GIS- 220KV, Testing & commissioning of GIS- SF6 to EHV cable GIS connection module	item87	6	No			0.00			0.00		0.000	0.000	INR Zero Only
7.09	Service: GIS- 220KV, Testing & commissioning of GIS- Final Successful High Voltage/ Power Frequency Testing of complete GIS	item88	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
7.1	Service: GIS- 220KV- Insulation Co-ordination Studies for GIS System	item89	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
7.11	Service: GIS- 220KV- Final Documentation	item90	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
8.01	Service: Training- Training for GIS for a period of at least 5 working days at Manufacturer's works	item91	20	Man days			0.00			0.00		0.000	0.000	INR Zero Only
8.02	Service: Training- Training for GIS for a period of at least 5 working days at project site	item92	20	Man days			0.00			0.00		0.000	0.000	INR Zero Only
9.01	Service: Unit reference price of GIS part item/ equipment- Services of supervision for Erection of GIS	item93	1	Manday			0.00			0.00		0.000	0.000	INR Zero Only
9.02	Service: Unit reference price of GIS part item/ equipment- Services of Testing & Commissioning of GIS	item94	1	Manday			0.00			0.00		0.000	0.000	INR Zero Only
9.03	Service: To and Fro Charges including local conveyance for Service Engineer	item95	6	Trip			0.00			0.00		0.000	0.000	INR Zero Only
9.04	Service: Unit reference price of GIS part item/ equipment- Hiring charges of HV test kit with operator	item96	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
Total in Figures												0.000	0.000	Zero Only
Quoted Rate in Words		INR Zero Only												