

Validate Print Help [Item Wise BoQ](#)

Tender Inviting Authority: BHEL TBG NOIDA

Name of Work:

Enquiry/NIT No:

Name of the Bidder / Bidding Firm / Company :	
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PRICE SCHEDULE
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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: 420kV, 3150A, 63KA, 1SEC SINGLE PHASE 420KV SF6 TO AIR BUSHING	item1	17	NO			0.00			0.00		0.000	0.000	INR Zero Only
1.02	SUPPLY- GIS: 420kV, 3000A, 63kA, Single phase, SF6Gas Insulated Bus Duct (GIB) outside GIS Hall along with associated supportstructure	item2	500	M			0.00			0.00		0.000	0.000	INR Zero Only
1.03	SUPPLY- GIS: 420kV, 4000 A, 63 kA, SF6 GIS Bus bar module as per Section-Project, Technical specification	item3	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
1.04	SUPPLY- GIS: 420kV, 3150 A, 63 kA, SF6 GIS Line feeder bay module (with PIR) as per Section-Project, Technical specification	item4	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
1.05	SUPPLY- GIS: 420kV, 3150 A, 63 kA, SF6 GIS Line feeder bay module (without PIR) as per Section-Project, Technical specification	item5	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
1.06	SUPPLY- GIS: 420kV, 3150 A, 63 kA, SF6 GIS Tie bay module (without PIR) as per Section-Project, Technical specification	item6	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
1.07	SUPPLY- GIS: 420kV, 3150 A, 63 kA, SF6 GIS Tie bay module (with PIR) as per Section-Project, Technical specification	item7	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
1.08	SUPPLY- GIS: 420kV, 3150 A, 63 kA, SF6 GIS ICT feeder bay module as per Section-Project, Technical specification	item8	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
1.09	SUPPLY- GIS: 420kV, 3150 A, 63 kA, SF6 GIS Bus Reactor bay module as per Section-Project, Technical specification	item9	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
1.10	SUPPLY- GIS: 420kV, 3150 A, 63 kA, SF6 GIS Auxiliary Bus module for Spare Transformer as per Section-Project, Technical specification	item10	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
1.11	SUPPLY- GIS: 420kV, 3150 A, 50 kA, SF6 GIS Auxiliary Bus module for Spare Bus Reactor as per Section-Project, Technical specification	item11	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
1.12	SUPPLY- GIS: Controlled switching device for 420 kV, 3 phase circuit breaker	item12	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
1.13	SUPPLY- GIS: 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: STRUCTURE MATERIAL INCLUDING FOUNDATION BOLTS, EMBEDDED ITEMS, RAILS AND/ OR OTHER MATERIALS ETC.	item14	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only

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1	2	3	4	5	13	14	15	16	20	21	51	53	54	55
1.15	SUPPLY- GIS: EARTHING MATERIALS INCLUDING HIGH FREQUENCY EARTHING (AS APPLICABLE)	item15	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
2.01	SUPPLY- GIS: TESTING & MAINTENANCE INSTRUMENTS: Portable Partial Discharge measurement test kit with all necessary accessories, Industrial Grade Laptop and licensed software as per Technical specification.	item16	1	NO			0.00			0.00		0.000	0.000	INR Zero Only
2.02	SUPPLY- GIS: TESTING & MAINTENANCE INSTRUMENTS: SF6 Gas Leakage Detector	item17	1	NO			0.00			0.00		0.000	0.000	INR Zero Only
2.03	SUPPLY- GIS: TESTING & MAINTENANCE INSTRUMENTS: SF6 GAS ANALYZER	item18	1	NO			0.00			0.00		0.000	0.000	INR Zero Only
2.04	SUPPLY- GIS: TESTING & MAINTENANCE INSTRUMENTS: SF6 Gas processing Unit for 400kV GIS station	item19	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
3.01	SUPPLY- GIS: SPARES: 420kV, SF6 GAS PRESSURE RELIEF DEVICE ASSEMBLY OF EACH TYPE	item20	2	NO			0.00			0.00		0.000	0.000	Zero Only
3.02	SUPPLY- GIS: SPARES: 420kV, SF6 PRESSURE GAUGE CUM SWITCH/ DENSITY MONITORS AND PRESSURE SWITCH AS APPLICABLE, OF EACH TYPE	item21	3	SET			0.00			0.00		0.000	0.000	Zero Only
3.03	SUPPLY- GIS: SPARES: 420kV, COUPLING DEVICE FOR PRESSURE GAUGE CUM SWITCH FOR CONNECTING GAS HANDLING PLANT OF EACH TYPE	item22	2	SET			0.00			0.00		0.000	0.000	Zero Only
3.04	SUPPLY- GIS: SPARES: 420kV, RUBBER GASKETS, A.a.-A'OA.a.-A RINGS AND SEALS FOR SF6 GAS FOR GIS ENCLOSURE OF EACH TYPE	item23	3	SET			0.00			0.00		0.000	0.000	Zero Only
3.05	SUPPLY- GIS: SPARES: 420kV, MOLECULAR FILTER FOR SF6 GAS WITH FILTER BAGS (5% OF TOTAL WEIGHT)	item24	1	SET			0.00			0.00		0.000	0.000	Zero Only
3.06	SUPPLY- GIS: SPARES: 420kV, CONTROL VALVES FOR SF6 GAS OF EACH TYPE	item25	3	SET			0.00			0.00		0.000	0.000	Zero Only
3.07	SUPPLY- GIS: SPARES: 420kV, SF6 GAS (5% OF TOTAL GAS QUANTITY)	item26	1	LOT			0.00			0.00		0.000	0.000	Zero Only
3.08	SUPPLY- GIS: SPARES: 420kV, LOCKING DEVICE TO KEEP THE DIS-CONNECTORS (ISOLATORS) AND EARTHING/ FAST EARTHING SWITCHES IN CLOSE OR OPEN POSITION IN CASE OF REMOVAL OF THE DRIVING MECHANISM	item27	3	SET			0.00			0.00		0.000	0.000	Zero Only
3.09	SUPPLY- GIS: SPARES: 420kV, UHF PD SENSORS OF EACH TYPE ALONG WITH BNC CONNECTOR	item28	5	NO			0.00			0.00		0.000	0.000	Zero Only
3.10	SUPPLY- GIS: SPARES: 420kV, SUPPORT INSULATORS (GAS THROUGH) OF EACH TYPE (COMPLETE WITH METAL RING ETC.) ALONG WITH ASSOCIATED CONTACTS AND SHIELDS	item29	5	NO			0.00			0.00		0.000	0.000	Zero Only

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1	2	3	4	5	13	14	15	16	20	21	51	53	54	55
3.11	SUPPLY- GIS: SPARES: 420KV, GAS BARRIERS OF EACH TYPE (COMPLETE WITH METAL RING ETC.) ALONG WITH ASSOCIATED CONTACTS AND SHIELDS	item30	5	NO			0.00			0.00		0.000	0.000	Zero Only
3.12	SUPPLY- GIS: SPARES: 420KV, 3150A SF6 TO AIR BUSHING COMPLETE IN ALL RESPECT	item31	1	NO			0.00			0.00		0.000	0.000	Zero Only
3.13	SUPPLY- GIS: SPARES: 420KV, LCC SPARES- AUX. RELAYS, CONTACTORS,PUSH BUTTONS, SWITCHES,LAMPS,ANNUNCIATION WINDOWS, MCB, FUSES,TIMERS, TERMINAL BLOCKS ETC. OF EACHTYPE & RATING	item32	2	SET			0.00			0.00		0.000	0.000	Zero Only
3.14	SUPPLY- GIS: SPARES: 420KV, ONE POLE OF 3150A CIRCUIT BREAKER WITHOUT PIR WITH INTERRUPTER, MAIN CIRCUIT, ENCLOSURE AND OPERATING MECHANISM COMPLETE IN ALL RESPECT	item33	1	SET			0.00			0.00		0.000	0.000	Zero Only
3.15	SUPPLY- GIS: SPARES: 420KV, ONE POLE OF 3150A CIRCUIT BREAKER WITH PIR WITH INTERRUPTER, MAIN CIRCUIT, ENCLOSURE AND OPERATING MECHANISM COMPLETE IN ALLRESPECT	item34	1	SET			0.00			0.00		0.000	0.000	Zero Only
3.16	SUPPLY- GIS: SPARES: 420KV, Trip coil assembly with resistor for 420KV GIS Circuit Breaker (as applicable)	item35	3	SET			0.00			0.00		0.000	0.000	Zero Only
3.17	SUPPLY- GIS: SPARES: 420KV, Closing coil assembly with resistor for420KV GIS Circuit Breaker (as applicable)	item36	3	SET			0.00			0.00		0.000	0.000	Zero Only
3.18	SUPPLY- GIS: SPARES: 420KV, RELAYS, POWER CONTACTORS, PUSH BUTTONS, TIMERS & MCBS ETC. (AS APPLICABLE) OF EACH TYPE FOR 420KV GIS CIRCUIT BREAKER	item37	1	SET			0.00			0.00		0.000	0.000	Zero Only
3.19	SUPPLY- GIS: SPARES: 420KV, Auxiliary switch assembly of each type for 420KV GIS Circuit Breaker	item38	3	SET			0.00			0.00		0.000	0.000	Zero Only
3.20	SUPPLY- GIS: SPARES: 420kv, GIS CIRCUIT BREAKER-OPERATION COUNTER	item39	3	NO			0.00			0.00		0.000	0.000	Zero Only
3.21	SUPPLY- GIS: SPARES: 420kv, HYDRAULIC OPERATING MECHANISM WITH DRIVE MOTOR (FOR HYDRAULIC OPERATED MECHANISM, IF APPLICABLE)	item40	1	SET			0.00			0.00		0.000	0.000	Zero Only
3.22	SUPPLY- GIS: SPARES: 420KV, HYDRAULIC FILTER OF EACH TYPE (FOR HYDRAULIC OPERATED MECHANISM, IF APPLICABLE)-420KV GIS CIRCUIT BREKAER	item41	1	SET			0.00			0.00		0.000	0.000	Zero Only
3.23	SUPPLY- GIS: SPARES: 420KV, CIRCUIT BREAKER- HOSE PIPE OF EACH TYPE (AS APPLICABLE) (FOR HYDRAULIC OPERATED MECHANISM, IF APPLICABLE)	item42	1	SET			0.00			0.00		0.000	0.000	Zero Only
3.24	SUPPLY- GIS: SPARES: 420KV, CIRCUIT BREAKER - N2 ACCUMULATOR (FOR HYDRAULIC OPERATED MECHANISM, IF APPLICABLE)	item43	1	SET			0.00			0.00		0.000	0.000	Zero Only
3.25	SUPPLY- GIS: SPARES: 420KV, VALVES OF EACH TYPE (FOR HYDRAULIC OPERATED MECHANISM, IFAPPLICABLE)-420KV GIS CIRCUIT BREKAER	item44	1	SET			0.00			0.00		0.000	0.000	Zero Only

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1	2	3	4	5	13	14	15	16	20	21	51	53	54	55
3.26	SUPPLY- GIS: SPARES: 420KV, PIPE LENGTH (COPPER & STEEL) OF EACH SIZE & TYPE (FOR HYDRAULIC OPERATED MECHANISM, IF APPLICABLE)-420KV GIS CIRCUIT BREKAER	item45	1	SET			0.00			0.00		0.000	0.000	Zero Only
3.27	SUPPLY- GIS: SPARES: 420KV, PRESSURE SWITCHES OF EACH TYPE (FOR HYDRAULIC OPERATED MECHANISM, IFAPPLICABLE)-420KV GIS CIRCUIT BREKAER	item46	1	SET			0.00			0.00		0.000	0.000	Zero Only
3.28	SUPPLY- GIS: SPARES: 420KV, PRESSURE GAUGE WITH COUPLING DEVICE OF EACH TYPE (FOR HYDRAULIC OPERATED MECHANISM, IF APPLICABLE)-420KV GIS CIRCUIT BREKAER	item47	1	SET			0.00			0.00		0.000	0.000	Zero Only
3.29	SUPPLY- GIS: SPARES: 420KV, GIS CIRCUIT BREAKER-HYDRAULIC OIL (5% OF TOTAL OIL QUANTITY)(FOR HYDRAULIC OPERATED MECHANISM, IF APPLICABLE)	item48	1	SET			0.00			0.00		0.000	0.000	Zero Only
3.30	SUPPLY- GIS: SPARES: 420KV, PRESSURE RELIEF DEVICE OF EACH TYPE (FOR HYDRAULIC OPERATED MECHANISM,IF APPLICABLE)- 420KV GIS CIRCUIT BREKAER	item49	1	SET			0.00			0.00		0.000	0.000	Zero Only
3.31	SUPPLY- GIS: SPARES: 420KV, GIS CIRCUIT BREAKER-COMplete SPRING OPERATING MECHANISM INCLUDING CHARGING MECHANISM ETC. (FOR SPRING OPERATED MECHANISM, IF APPLICABLE)	item50	1	SET			0.00			0.00		0.000	0.000	Zero Only
3.32	SUPPLY- GIS: SPARES: 420KV, GIS CIRCUIT BREAKER- COMPLETE HYDRAULIC-SPRING OPERATING MECHANISM INCLUDING CHARGING MECHANISM ETC. (FOR HYDRAULIC-SPRING OPERATED MECHANISM, IF APPLICABLE)	item51	1	SET			0.00			0.00		0.000	0.000	Zero Only
3.33	SUPPLY- GIS: SPARES: 420KV, PRESSURE SWITCHES OF EACH TYPE FOR 420KV GIS CIRCUIT BREAKER (For Hydraulic-Spring Operated Mechanism, if applicable)	item52	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
3.34	SUPPLY- GIS: SPARES: 420KV, PRESSURE GAUGE WITH COUPLING DEVICE OF EACH TYPE (FOR HYDRAULIC-SPRING OPERATED MECHANISM, IF APPLICABLE)-420KV GIS CIRCUIT BREKAER	item53	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
3.35	SUPPLY- GIS: SPARES: 420KV, Single phase of 3150A disconnecter switch including main circuit, enclosure, driving mechanism and support insulator etc., complete in all respect	item54	4	NO			0.00			0.00		0.000	0.000	INR Zero Only
3.36	SUPPLY- GIS: SPARES: 420KV, SINGLE PHASE MAINTENANCE EARTHING SWITCH INCLUDING MAIN CIRCUIT, ENCLOSURE, DRIVING MECHANISM AND SUPPORT INSULATOR ETC., COMPLETE IN ALL RESPECT	item55	2	NO			0.00			0.00		0.000	0.000	INR Zero Only
3.37	SUPPLY- GIS: SPARES: 420KV, SINGLE PHASE FAST EARTHING SWITCH INCLUDING MAIN CIRCUIT, ENCLOSURE, DRIVING MECHANISM AND SUPPORT INSULATOR ETC., COMPLETE INALL RESPECT	item56	2	NO			0.00			0.00		0.000	0.000	INR Zero Only
3.38	SUPPLY- GIS: SPARES: 420KV, 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	item57	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
3.39	SUPPLY- GIS: SPARES: 420KV, 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	item58	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
3.40	SUPPLY- GIS: SPARES: 420KV, 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	item59	1	SET			0.00			0.00		0.000	0.000	INR Zero Only

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3.41	SUPPLY- GIS: SPARES: 420KV, LIMIT SWITCHES AND AUX. SWITCHES FOR ONE COMPLETE MOM BOX FOR DISCONNECTOR-420KV GIS	item60	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
3.42	SUPPLY- GIS: SPARES: 420KV, LIMIT SWITCHES AND AUX. SWITCHES FOR ONE COMPLETE MOM BOX FOR MAINTENANCE EARTHING SWITCH-420KV GIS	item61	2	SET			0.00			0.00		0.000	0.000	Zero Only
3.43	SUPPLY- GIS: SPARES: 420KV, LIMIT SWITCHES AND AUX. SWITCHES FOR ONE COMPLETE MOM BOX FOR FAST EARTHING SWITCH (IF APPLICABLE)-420KV GIS	item62	2	SET			0.00			0.00		0.000	0.000	Zero Only
3.44	SUPPLY- GIS: SPARES: 420KV, DRIVE MECHANISM FOR 420KV GIS DISCONNECTOR SWITCH	item63	1	SET			0.00			0.00		0.000	0.000	Zero Only
3.45	SUPPLY- GIS: SPARES: 420KV, DRIVE MECHANISM FOR 420KV GIS MAINTENANCE EARTH SWITCH	item64	1	SET			0.00			0.00		0.000	0.000	Zero Only
3.46	SUPPLY- GIS: SPARES: 420KV, DRIVE MECHANISM FOR 420KV GIS FAST EARTHING SWITCH	item65	1	SET			0.00			0.00		0.000	0.000	Zero Only
3.47	SUPPLY- GIS: SPARES: 420KV, MOTOR FOR DRIVE MECHANISM FOR 420KV GIS DISCONNECTOR SWITCH	item66	1	NO			0.00			0.00		0.000	0.000	Zero Only
3.48	SUPPLY- GIS: SPARES: 420KV, MOTOR FOR DRIVE MECHANISM FOR 420KV GIS MAINTENANCE EARTH SWITCH	item67	1	NO			0.00			0.00		0.000	0.000	INR Zero Only
3.49	SUPPLY- GIS: SPARES: 420KV, MOTOR FOR DRIVE MECHANISM FOR 420KV GIS FAST EARTHING SWITCH	item68	1	NO			0.00			0.00		0.000	0.000	INR Zero Only
3.50	SUPPLY- GIS: SPARES: 420KV, SINGLE PHASE OF CURRENT TRANSFORMER (3 CORES, TYPE-CTA)WITH ASSOCIATED ENCLOSURE AND PRIMARY CONDUCTOR COMPLETE IN ALL RESPECT	item69	1	NO			0.00			0.00		0.000	0.000	INR Zero Only
3.51	SUPPLY- GIS: SPARES: 420KV, SINGLE PHASE OF CURRENT TRANSFORMER (2 CORES, TYPE-CTB)WITH ASSOCIATED ENCLOSURE AND PRIMARY CONDUCTOR COMPLETE IN ALL RESPECT	item70	1	NO			0.00			0.00		0.000	0.000	INR Zero Only
3.52	SUPPLY- GIS: SPARES: 420KV, SINGLE PHASE VT WITH ASSOCIATED ENCLOSURE COMPLETE IN ALL RESPECT	item71	1	NO			0.00			0.00		0.000	0.000	INR Zero Only
4.01	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kv, OPERATING MECHANISM FOR CIRCUIT BREAKER	item72	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
4.02	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kv, OPERATING MECHANISM FOR DISCONNECTOR	item73	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
4.03	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kv, OPERATING MECHANISM FOR MAINTENANCE EARTHING SWITCH	item74	1	SET			0.00			0.00		0.000	0.000	INR Zero Only

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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
4.04	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, OPERATING MECHANISM FOR FAST ACTING EARTHING SWITCH	item75	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
4.05	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, CIRCUIT BREAKER	item76	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
4.06	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, DISCONNECTOR	item77	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
4.07	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, MAINTENANCE EARTHING SWITCH	item78	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
4.08	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, FAST ACTING EARTHING SWITCH	item79	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
4.09	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, CURRENT TRANSFORMER	item80	1	NO			0.00			0.00		0.000	0.000	INR Zero Only
4.10	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, VOLTAGE TRANSFORMER	item81	1	NO			0.00			0.00		0.000	0.000	INR Zero Only
4.11	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV SURGE ARRESTER	item82	1	NO			0.00			0.00		0.000	0.000	INR Zero Only
4.12	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, SINGLE PHASE BUS BAR	item83	1	MTR			0.00			0.00		0.000	0.000	INR Zero Only
4.13	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, GIS METALLIC ENCLOSURE	item84	50	KG			0.00			0.00		0.000	0.000	INR Zero Only
4.14	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, EXPANSION JOINTS	item85	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
4.15	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, BARRIER INSULATOR	item86	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
4.16	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, NON-BARRIER INSULATOR	item87	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
4.17	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, GAS SEALS	item88	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
4.18	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, GAS DENSITY MONITOR SWITCH	item89	1	SET			0.00			0.00		0.000	0.000	INR Zero Only

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1	2	3	4	5	13	14	15	16	20	21	51	53	54	55
4.19	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, UHF PD SENSOR	item90	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
4.20	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, GAS PRESSURE SWITCH	item91	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
4.21	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, TEE BEND	item92	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
4.22	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, ANGLE BEND	item93	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
4.23	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 420kV, L-BEND	item94	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
5.01	SERVICES- GIS: SUPERVISION OF ERECTION: 420 kV, 3150 A, 63 kA, SF6 GIS Line feeder bay module (without PIR) as per Section-Project, Technical specification	item95	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
5.02	SERVICES- GIS: TESTING & COMMISSIONING: 420 kV, 3150 A, 63 kA, SF6 GIS Line feeder bay module (without PIR) as per Section-Project, Technical specification	item96	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
5.03	SERVICES- GIS: SUPERVISION OF ERECTION: 420 kV, 3150 A, 63 kA, SF6 GIS Line feeder bay module (with PIR) as per Section-Project, Technical specification	item97	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
5.04	SERVICES- GIS: TESTING & COMMISSIONING: 420 kV, 3150 A, 63 kA, SF6 GIS Line feeder bay module (with PIR) as per Section-Project, Technical specification	item98	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
5.05	SERVICES- GIS: SUPERVISION OF ERECTION: 420kV, 3150 A, 63 kA, SF6 GIS ICT feeder bay module as per Section-Project, Technical specification	item99	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
5.06	SERVICES- GIS: TESTING & COMMISSIONING: 420kV, 3150 A, 63 kA, SF6 GIS ICT feeder bay module as per Section-Project, Technical specification	item100	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
5.07	SERVICES- GIS: SUPERVISION OF ERECTION: 420kV, 3150 A, 63 kA, SF6 GIS Bus Reactor bay module as per Section-Project, Technical specification	item101	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
5.08	SERVICES- GIS: TESTING & COMMISSIONING: 420kV, 3150 A, 63 kA, SF6 GIS Bus Reactor bay module as per Section-Project, Technical specification	item102	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
5.09	SERVICES- GIS: SUPERVISION OF ERECTION: 420kV, 3150 A, 63 kA, SF6 GIS Tie bay module (without PIR) as per Section-Project, Technical specification	item103	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
5.10	SERVICES- GIS: TESTING & COMMISSIONING: 420kV, 3150 A, 63 kA, SF6 GIS Tie bay module (without PIR) as per Section-Project, Technical specification	item104	1	SET			0.00			0.00		0.000	0.000	INR Zero Only

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1	2	3	4	5	13	14	15	16	20	21	51	53	54	55
5.11	SERVICES- GIS: SUPERVISION OF ERECTION: 420kV, 3150 A, 63 kA, SF6 GIS Tie bay module (with PIR) as per Section-Project, Technical specification	item105	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
5.12	SERVICES- GIS: TESTING & COMMISSIONING: 420kV, 3150 A, 63 kA, SF6 GIS Tie bay module (with PIR) as per Section-Project, Technical specification	item106	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
5.13	SERVICES- GIS: SUPERVISION OF ERECTION: 420kV, 3150 A, 63 kA, SF6 GIS Auxiliary Bus module for Spare Transformer as per Section-Project, Technical specification	item107	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
5.14	SERVICES- GIS: TESTING & COMMISSIONING: 420kV, 3150 A, 63 kA, SF6 GIS Auxiliary Bus module for Spare Transformer as per Section-Project, Technical specification	item108	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
5.15	SERVICES- GIS: SUPERVISION OF ERECTION: 420kV, 3150 A, 50 kA, SF6 GIS Auxiliary Bus module for Spare Bus Reactor as per Section-Project, Technical specification	item109	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
5.16	SERVICES- GIS: TESTING & COMMISSIONING: 420kV, 3150 A, 50 kA, SF6 GIS Auxiliary Bus module for Spare Bus Reactor as per Section-Project, Technical specification	item110	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
5.17	SERVICES- GIS: SUPERVISION OF ERECTION: 420kV, 4000 A, 63 kA, 3-phase SF6 GIS bus bar	item111	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
5.18	SERVICES- GIS: TESTING & COMMISSIONING: 420kV, 4000 A, 63 kA, 3-phase SF6 GIS bus bar	item112	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
5.19	SERVICES- GIS: SUPERVISION OF ERECTION: 420kV, 3000A/3150, 63kA, Single phase, SF6 Gas Insulated Bus Duct (GIB) outside GIS Hall along with associated support structure	item113	500	M			0.00			0.00		0.000	0.000	INR Zero Only
5.20	SERVICES- GIS: TESTING & COMMISSIONING: 420kV, 3000A/3150, 63kA, Single phase, SF6 Gas Insulated Bus Duct (GIB) outside GIS Hall along with associated support structure	item114	500	M			0.00			0.00		0.000	0.000	INR Zero Only
5.21	SERVICES- GIS: SUPERVISION OF ERECTION: 420kV, SF6 to Air Bushing alongwithassociated support structure for 3150A, 63 kA for 1 sec. Single Phase	item115	17	NO			0.00			0.00		0.000	0.000	INR Zero Only
5.22	SERVICES- GIS: TESTING & COMMISSIONING: 420kV, SF6 to Air Bushing alongwithassociated support structure for 3150A, 63 kA for 1 sec. Single Phase	item116	17	NO			0.00			0.00		0.000	0.000	INR Zero Only
5.23	SERVICES- GIS: ERECTION, TESTING & COMMISSIONING: Controlled Switching Device for 420 kV, 3-ph Circuit Breaker	item117	2	NO			0.00			0.00		0.000	0.000	INR Zero Only
5.24	SERVICES- GIS : 420KV, FINAL SUCCESSFUL HV/ POWER FREQUENCY TESTING OF GIS INCLUDING ARRANGING OF HV TEST KIT ALONG WITH OPERATOR	item118	1	LOT			0.00			0.00		0.000	0.000	INR Zero Only
5.25	SERVICES- GIS : INSULATION CO-ORDINATION STUDIES FOR 420KV GIS SYSTEM COMPLETE	item119	1	LOT			0.00			0.00		0.000	0.000	INR Zero Only

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1	2	3	4	5	13	14	15	16	20	21	51	53	54	55
6.01	SERVICES- GIS : REFERENCE UNIT PRICE OF GIS INDIVIDUAL ITEM/ EQUIPMENT - SERVICES FOR SUPERVISION OF ERECTION OF GIS	item120	10	MAN-DAY			0.00			0.00		0.000	0.000	INR Zero Only
6.02	SERVICES- GIS : REFERENCE UNIT PRICE OF GIS INDIVIDUAL ITEM/ EQUIPMENT - SERVICES FOR TESTING & COMMISSIONING OF GIS	item121	10	MAN-DAY			0.00			0.00		0.000	0.000	INR Zero Only
6.03	SERVICES- GIS : REFERENCE UNIT OF GIS INDIVIDUAL ITEM/ EQUIPMENT - HIRING CHARGES OF HV TEST KIT WITH OPERATOR	item122	1	LOT			0.00			0.00		0.000	0.000	INR Zero Only
7.01	SERVICES- GIS : Training- Training for Maintenance Engineers in batch (3 batches) for 2 Days (Max 4 Persons per batch) at Vendors works.	item123	24	MAN-DAY			0.00			0.00		0.000	0.000	INR Zero Only
7.02	SERVICES- GIS : Training- Training for Operators in batch (2 batches) for 3 days (Max 7 Persons per batch) at Site works.	item124	42	MAN-DAY			0.00			0.00		0.000	0.000	INR Zero Only
8.01	SUPPLY- GIS: 245kV, 1600 A, 50 kA, SF6 GIS ICT feederbay module as per Section-Project, Technical specification	item125	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
8.02	SUPPLY- GIS: 245kV, 2500 A, 50 kA, SF6 GIS Bus coupler bay module as perSection-Project, Technical specification	item126	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
8.03	SUPPLY- GIS: 245kV, 4000A, 50kA, SF6 GIS Bus bar module as per Section-Project, Technical specification	item127	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
8.04	SUPPLY- GIS: 245kV, 1600A, 50kA ,3 Single phase/ 3Phase, SF6 Gas Insulated Bus Duct (GIB) outside GIS Hall alongwith associated support structure (Quantity mentioned here is for 3 Phase type)	item128	250	M			0.00			0.00		0.000	0.000	INR Zero Only
8.05	SUPPLY- GIS: 245kV, 1600A, 50kA Single phase SF6 to Air Bushing	item129	7	NO			0.00			0.00		0.000	0.000	INR Zero Only
8.06	SUPPLY- GIS: SF6 GAS REQUIRED FOR PLACING GIS INTO SUCCESSFUL OPERATION	item130	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
8.07	SUPPLY- GIS: STRUCTURE MATERIAL INCLUDING FOUNDATION BOLTS, EMBEDDED ITEMS, RAILS AND/ OR OTHER MATERIALS ETC.	item131	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
8.08	SUPPLY- GIS: EARTHING MATERIALS INCLUDING HIGH FREQUENCY EARTHING (AS APPLICABLE)	item132	1	Lot			0.00			0.00		0.000	0.000	INR Zero Only
9.01	SUPPLY- GIS: SPARES: 245kV, CABLE CONNECTION ENCLOSURE WITH MAIN CIRCUIT	item133	1	SET			0.00			0.00		0.000	0.000	Zero Only

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1	2	3	4	5	13	14	15	16	20	21	51	53	54	55
9.02	SUPPLY- GIS: SPARES: 245KV, SF6 GAS PRESSURE RELIEF DEVICE ASSEMBLY OF EACH TYPE	item134	2	EA			0.00			0.00		0.000	0.000	Zero Only
9.03	SUPPLY- GIS: SPARES: 245KV, SF6 PRESSURE GAUGE CUM SWITCH /DENSITY MONITORS AND PRESSURESWITCH AS APPLICABLE, OF EACH TYPE	item135	3	SET			0.00			0.00		0.000	0.000	Zero Only
9.04	SUPPLY- GIS: SPARES: 245KV, COUPLING DEVICE FOR PRESSURE GAUGE CUM SWITCH FOR CONNECTING GAS HANDLING PLANT OF EACH TYPE-220KV GIS	item136	2	SET			0.00			0.00		0.000	0.000	Zero Only
9.05	SUPPLY- GIS: SPARES: 245KV, RUBBER GASKETS, A,a,-A'OÄ,a,-Ä RINGS AND SEALS FOR SF6 GAS FOR GISENCLOSURE OF EACH TYPE-220KV GIS	item137	3	SET			0.00			0.00		0.000	0.000	Zero Only
9.06	SUPPLY- GIS: SPARES: 245KV, MOLECULAR FILTER FOR SF6 GAS WITH FILTER BAGS (5 % OF TOTALWEIGHT)	item138	1	SET			0.00			0.00		0.000	0.000	Zero Only
9.07	SUPPLY- GIS: SPARES: 245KV, CONTROL VALVES FOR SF6 GAS OF EACH TYPE-220KV GIS	item139	3	SET			0.00			0.00		0.000	0.000	Zero Only
9.08	SUPPLY- GIS: SPARES: 245KV, SF6 GAS (5 % OF TOTAL GAS QUANTITY)	item140	1	LOT			0.00			0.00		0.000	0.000	Zero Only
9.09	SUPPLY- GIS: SPARES: 245KV, 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	item141	3	SET			0.00			0.00		0.000	0.000	Zero Only
9.10	UHF PD SENSORS OF EACH TYPE ALONG WITH BNC CONNECTOR FOR 245KV GIS	item142	5	EA			0.00			0.00		0.000	0.000	Zero Only
9.11	220KV GIS-SUPPORT INSULATORS (GAS THROUGH) OF EACH TYPE (COMPLETE WITHMETAL RING ETC.) ALONG WITH ASSOCIATED CONTACTS AND SHIELDS	item143	5	EA			0.00			0.00		0.000	0.000	Zero Only
9.12	220KV GIS-GAS BARRIERS OF EACH TYPE (COMPLETE WITH METAL RING ETC.)ALONG WITH ASSOCIATED CONTACTS AND SHIELDS	item144	5	EA			0.00			0.00		0.000	0.000	Zero Only
9.13	220KV GIS- 1600A SF6 TO AIR BUSHING COMPLETE IN ALL RESPECT	item145	1	EA			0.00			0.00		0.000	0.000	Zero Only

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9.14	LCC SPARES - AUX. RELAYS, CONTACTORS,PUSH BUTTONS, SWITCHES, LAMPS,ANNUNCIATION WINDOWS, MCB, FUSES,TIMERS, TERMINAL BLOCKS ETC. OF EACHTYPE & RATING- 220kV GIS	item146	2	SET			0.00			0.00		0.000	0.000	Zero Only
9.15	220KV GIS-ONE POLE OF 1600A CIRCUIT BREAKER WITH INTERRUPTER, MAINCIRCUIT, ENCLOSURE AND OPERATING MECHANISM COMPLETE IN ALL RESPECT	item147	1	SET			0.00			0.00		0.000	0.000	Zero Only
9.16	220KV GIS-ONE POLE OF 2500A CIRCUIT BREAKER WITH INTERRUPTER, MAINCIRCUIT, ENCLOSURE AND OPERATING MECHANISM COMPLETE IN ALL RESPECT	item148	1	SET			0.00			0.00		0.000	0.000	Zero Only
9.17	220KV GIS-ONE POLE OF 3000A CIRCUIT BREAKER WITH INTERRUPTER, MAINCIRCUIT, ENCLOSURE AND OPERATING MECHANISM COMPLETE IN ALL RESPECT	item149	1	SET			0.00			0.00		0.000	0.000	Zero Only
9.18	Trip coil assembly with resistor for245kV GIS Circuit Breaker (asapplicable)	item150	3	SET			0.00			0.00		0.000	0.000	Zero Only
9.19	Closing coil assembly with resistor for245kV GIS Circuit Breaker (asapplicable)	item151	1	SET			0.00			0.00		0.000	0.000	Zero Only
9.20	RELAYS, POWER CONTACTORS, PUSH BUTTONS, TIMERS & MCBS ETC. (ASAPPLICABLE) OF EACH TYPE FOR 220KV GIS CIRCUIT BREAKER	item152	1	SET			0.00			0.00		0.000	0.000	Zero Only
9.21	Auxiliary switch assembly of each type for 245kV GIS Circuit Breaker	item153	3	SET			0.00			0.00		0.000	0.000	Zero Only
9.22	220KV GIS CIRCUIT BREAKER-OPERATION COUNTER	item154	3	EA			0.00			0.00		0.000	0.000	Zero Only
9.23	220KV GIS CIRCUIT BREAKER-HYDRAULIC OPERATING MECHANISM WITH DRIVEMOTOR (FOR HYDRAULIC OPERATED MECHANISM, IF APPLICABLE)	item155	1	SET			0.00			0.00		0.000	0.000	Zero Only
9.24	HYDRAULIC FILTER OF EACH TYPE (FOR HYDRAULIC OPERATED MECHANISM, IFPPPLICABLE)-220KV GIS CIRCUIT BREKAER	item156	1	SET			0.00			0.00		0.000	0.000	Zero Only
9.25	220KV GIS CIRCUIT BREAKER- HOSE PIPE OF EACH TYPE (AS APPLICABLE) (FORHYDRAULIC OPERATED MECHANISM, IF APPLICABLE)	item157	1	SET			0.00			0.00		0.000	0.000	Zero Only

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1	2	3	4	5	13	14	15	16	20	21	51	53	54	55
9.26	220KV GIS CIRCUIT BREAKER - N2 ACCUMULATOR (FOR HYDRAULIC OPERATED MECHANISM, IF APPLICABLE)	item158	1	SET			0.00			0.00		0.000	0.000	Zero Only
9.27	VALVES OF EACH TYPE (FOR HYDRAULIC OPERATED MECHANISM, IF APPLICABLE)-220KV GIS CIRCUIT BREAKER	item159	1	SET			0.00			0.00		0.000	0.000	Zero Only
9.28	PIPE LENGTH (COPPER & STEEL) OF EACH SIZE & TYPE (FOR HYDRAULIC OPERATED MECHANISM, IF APPLICABLE)-220KV GIS CIRCUIT BREAKER	item160	1	SET			0.00			0.00		0.000	0.000	Zero Only
9.29	PRESSURE SWITCHES OF EACH TYPE (FOR HYDRAULIC OPERATED MECHANISM, IF APPLICABLE)-220KV GIS CIRCUIT BREAKER	item161	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
9.30	PRESSURE GAUGE WITH COUPLING DEVICE OF EACH TYPE (FOR HYDRAULIC OPERATED MECHANISM, IF APPLICABLE)-220KV GIS CIRCUIT BREAKER	item162	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
9.31	220KV GIS CIRCUIT BREAKER-HYDRAULIC OIL (5% OF TOTAL OIL QUANTITY)(FOR HYDRAULIC OPERATED MECHANISM, IF APPLICABLE)	item163	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
9.32	PRESSURE RELIEF DEVICE OF EACH TYPE (FOR HYDRAULIC OPERATED MECHANISM, IF APPLICABLE)-220KV GIS CIRCUIT BREAKER	item164	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
9.33	220KV GIS CIRCUIT BREAKER-COMplete SPRING OPERATING MECHANISM INCLUDING CHARGING MECHANISM ETC. (FOR SPRING OPERATED MECHANISM, IF APPLICABLE)	item165	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
9.34	220KV GIS CIRCUIT BREAKER- COMPLETE HYDRAULIC-SPRING OPERATING MECHANISM INCLUDING CHARGING MECHANISM ETC. (FOR HYDRAULIC-SPRING OPERATED MECHANISM, IF APPLICABLE)	item166	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
9.35	PRESSURE SWITCHES OF EACH TYPE (FOR HYDRAULIC-SPRING OPERATED MECHANISM, IF APPLICABLE)-220KV GIS CIRCUIT BREAKER	item167	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
9.36	PRESSURE GAUGE WITH COUPLING DEVICE OF EACH TYPE (FOR HYDRAULIC-SPRING OPERATED MECHANISM, IF APPLICABLE)- 220KV GIS CIRCUIT BREAKER	item168	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
9.37	220KV GIS- Three phase of 1600A disconnect switch including main circuit, enclosure, driving mechanism and support insulator etc., complete in all respect	item169	4	EA			0.00			0.00		0.000	0.000	INR Zero Only
9.38	220KV GIS- Three phase of 2500A disconnect switch including main circuit, enclosure, driving mechanism and support insulator etc., complete in all respect	item170	2	EA			0.00			0.00		0.000	0.000	INR Zero Only
9.39	220KV GIS- Three phase of 3000A disconnect switch including main circuit, enclosure, driving mechanism and support insulator etc., complete in all respect	item171	2	EA			0.00			0.00		0.000	0.000	INR Zero Only

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1	2	3	4	5	13	14	15	16	20	21	51	53	54	55
9.40	220KV GIS- THREE PHASE MAINTENANCE EARTHING SWITCH INCLUDING MAINCIRCUIT, ENCLOSURE, DRIVING MECHANISM AND SUPPORT INSULATOR ETC.,COMPLETE IN ALL RESPECT	item172	1	EA			0.00			0.00		0.000	0.000	INR Zero Only
9.41	220KV GIS - THREE PHASE FAST EARTHING SWITCH INCLUDING MAIN CIRCUIT,ENCLOSURE, DRIVING MECHANISM AND SUPPORT INSULATOR ETC., COMPLETE INALL RESPECT (NOTE 1 - IN CASE, DIS-CONNECTOR SWITCH (DS) & EARTH SWITCH (ES) IS PROVIDED IN A SAME ENCLOSURE WITH COMMON OPERATINGMECHANISM, THEN THE MODULE COMPRISING OF DIS-CONNECTOR & EARTH SWITCHIN SINGLE ENCLOSURE WITH COMMON OPERATING MECHANISM IS TO BE PROVIDEDUNDER THE HEAD OF SPARE DIS-CONNECTOR ONLY. NOTE 2 - IN CASE,DIS-CONNECTOR SWITCH (DS) & EARTH SWITCH (ES) IS PROVIDED IN A SAMEENCLOSURE WITH SEPARATE OPERATING MECHANISM, THEN THE MODULECOMPRISING OF DIS-CONNECTOR & EARTH SWITCH IN SINGLE ENCLOSURE WITHSEPARATE OPERATING MECHANISM IS TO BE PROVIDED UNDER THE HEAD OF SPAREDIS-CONNECTOR ONLY.)	item173	1	EA			0.00			0.00		0.000	0.000	INR Zero Only
9.42	OPEN/CLOSE CONTACTOR ASSEMBLY, TIMERS, KEY INTERLOCK, INTERLOCKINGCOILS, RELAYS, PUSH BUTTONS, INDICATING LAMPS, POWER CONTACTORS,RESISTORS, FUSES, MCBS & DRIVE CONTROL CARDS ETC. (AS APPLICABLE) ONEOF EACH TYPE FOR ONE COMPLETE MOM BOX FOR 220KV GIS DISCONNECTORSWITCH	item174	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
9.43	OPEN/CLOSE CONTACTOR ASSEMBLY, TIMERS, KEY INTERLOCK, INTERLOCKINGCOILS, RELAYS, PUSH BUTTONS, INDICATING LAMPS, POWER CONTACTORS,RESISTORS, FUSES, MCBS & DRIVE CONTROL CARDS ETC. (AS APPLICABLE) ONEOF EACH TYPE FOR ONE COMPLETE MOM BOX FOR 220KV GIS MAINTENANCE EARTH SWITCH	item175	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
9.44	OPEN/CLOSE CONTACTOR ASSEMBLY, TIMERS, KEY INTERLOCK, INTERLOCKINGCOILS, RELAYS, PUSH BUTTONS, INDICATING LAMPS, POWER CONTACTORS,RESISTORS, FUSES, MCBS & DRIVE CONTROL CARDS ETC. (AS APPLICABLE) ONEOF EACH TYPE FOR ONE COMPLETE MOM BOX FOR 220KV GIS FAST EARTHINGSWITCH	item176	1	SET			0.00			0.00		0.000	0.000	Zero Only
9.45	LIMIT SWITCHES AND AUX. SWITCHES FOR ONE COMPLETE MOM BOX FORDISCONNECTOR-220KV GIS	item177	2	SET			0.00			0.00		0.000	0.000	Zero Only
9.46	LIMIT SWITCHES AND AUX. SWITCHES FOR ONE COMPLETE MOM BOX FORMAINTENANCE EARTHING SWITCH-220KV GIS	item178	2	SET			0.00			0.00		0.000	0.000	Zero Only
9.47	LIMIT SWITCHES AND AUX. SWITCHES FOR ONE COMPLETE MOM BOX FOR FASTEARTHING SWITCH (IF APPLICABLE)-220KV GIS	item179	2	SET			0.00			0.00		0.000	0.000	Zero Only

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1	2	3	4	5	13	14	15	16	20	21	51	53	54	55
9.48	DRIVE MECHANISM FOR 220KV GIS DISCONNECTOR SWITCH	item180	1	SET			0.00			0.00		0.000	0.000	Zero Only
9.49	DRIVE MECHANISM FOR 220KV GIS MAINTENANCE EARTH SWITCH	item181	1	SET			0.00			0.00		0.000	0.000	Zero Only
9.50	DRIVE MECHANISM FOR 220KV GIS FAST EARTHING SWITCH	item182	1	SET			0.00			0.00		0.000	0.000	Zero Only
9.51	MOTOR FOR DRIVE MECHANISM FOR 220KV GIS DISCONNECTOR SWITCH	item183	1	EA			0.00			0.00		0.000	0.000	INR Zero Only
9.52	MOTOR FOR DRIVE MECHANISM FOR 220KV GIS MAINTENANCE EARTH SWITCH	item184	1	EA			0.00			0.00		0.000	0.000	INR Zero Only
9.53	MOTOR FOR DRIVE MECHANISM FOR 220KV GIS FAST EARTHING SWITCH	item185	1	EA			0.00			0.00		0.000	0.000	INR Zero Only
9.54	220KV GIS- SINGLE PHASE OF CURRENT TRANSFORMER (4 CORES) WITH ASSOCIATED ENCLOSURE AND PRIMARY CONDUCTOR COMPLETE IN ALL RESPECT	item186	1	EA			0.00			0.00		0.000	0.000	INR Zero Only
9.55	220KV GIS- SINGLE PHASE VT WITH ASSOCIATED ENCLOSURE COMPLETE IN ALL RESPECT	item187	1	EA			0.00			0.00		0.000	0.000	INR Zero Only
9.56	220KV GIS- SINGLE PHASE GAS INSULATED SURGE ARRESTER WITH ASSOCIATED ENCLOSURE AND INSULATOR COMPLETE IN ALL RESPECT	item188	1	EA			0.00			0.00		0.000	0.000	INR Zero Only
9.57	220KV GIS- SURGE COUNTER/ MONITOR	item189	1	EA			0.00			0.00		0.000	0.000	INR Zero Only
10.01	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, OPERATING MECHANISM FOR CIRCUIT BREAKER	item190	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
10.02	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, OPERATING MECHANISM FOR DISCONNECTOR	item191	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
10.03	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, OPERATING MECHANISM FOR MAINTENANCE EARTHING SWITCH	item192	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
10.04	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, OPERATING MECHANISM FOR FAST ACTING EARTHING SWITCH	item193	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
10.05	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, CIRCUIT BREAKER	item194	1	SET			0.00			0.00		0.000	0.000	INR Zero Only

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10.06	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, DISCONNECTOR	item195	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
10.07	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, MAINTENANCE EARTHING SWITCH	item196	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
10.08	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, FAST ACTING EARTHING SWITCH	item197	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
10.09	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, CURRENT TRANSFORMER	item198	1	NO			0.00			0.00		0.000	0.000	INR Zero Only
10.10	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, VOLTAGE TRANSFORMER	item199	1	NO			0.00			0.00		0.000	0.000	INR Zero Only
10.11	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV SURGE ARRESTER	item200	1	NO			0.00			0.00		0.000	0.000	INR Zero Only
10.12	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, SINGLE PHASE BUS BAR	item201	1	MTR			0.00			0.00		0.000	0.000	INR Zero Only
10.13	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, GIS METALLIC ENCLOSURE	item202	50	KG			0.00			0.00		0.000	0.000	INR Zero Only
10.14	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, EXPANSION JOINTS	item203	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
10.15	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, BARRIER INSULATOR	item204	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
10.16	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, NON-BARRIER INSULATOR	item205	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
10.17	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, GAS SEALS	item206	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
10.18	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, GAS DENSITY MONITOR SWITCH	item207	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
10.19	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, UHF PD SENSOR	item208	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
10.20	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, GAS PRESSURE SWITCH	item209	1	SET			0.00			0.00		0.000	0.000	INR Zero Only

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10.21	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, TEE BEND	item210	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
10.22	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, ANGLE BEND	item211	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
10.23	Reference Unit Price for addition/ deletion: SUPPLY- GIS: SPARES: 245kV, L-BEND	item212	1	SET			0.00			0.00		0.000	0.000	Zero Only
11.01	SERVICES- GIS: SUPERVISION OF ERECTION: 245kV, 1600 A, 50 kA, SF6 GIS ICT feeder bay module	item213	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
11.02	SERVICES- GIS: TESTING & COMMISSIONING: 245kV, 1600 A, 50 kA, SF6 GIS ICT feeder bay module	item214	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
11.03	SERVICES- GIS: SUPERVISION OF ERECTION: 245kV, 2500 A, 50 kA, SF6 GIS Bus coupler bay module	item215	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
11.04	SERVICES- GIS: TESTING & COMMISSIONING: 245kV, 2500 A, 50 kA, SF6 GIS Bus coupler bay module	item216	1	SET			0.00			0.00		0.000	0.000	INR Zero Only
11.05	SERVICES- GIS: SUPERVISION OF ERECTION: 245 kV, 4000A, 50kA, 3 single phase (isolated), SF6 gas insulated, metal enclosed bus bars to inter connect each of Circuit Breaker bay module complete with voltage transformer, disconnectors with grounding switch, local control cubicle, SF6 gas monitoring system for the complete bus	item217	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
11.06	SERVICES- GIS: TESTING & COMMISSIONING: 245 kV, 4000A, 50kA, 3 single phase (isolated), SF6 gas insulated, metal enclosed bus bars to inter connect each of Circuit Breaker bay module complete with voltage transformer, disconnector with grounding switch, local control cubicle, SF6 gas monitoring system for the complete bus	item218	2	SET			0.00			0.00		0.000	0.000	INR Zero Only
11.07	SERVICES- GIS: SUPERVISION OF ERECTION: 245kV,1600A, 50kA, 3 Single phase/ 3Phase, SF6 Gas Insulated Bus Duct (GIB) outside GIS Hall along with associated support structure (Quantity mentioned here is for 3 Phase type)	item219	250	M			0.00			0.00		0.000	0.000	INR Zero Only
11.08	SERVICES- GIS: TESTING & COMMISSIONING: 245kV, 1600A, 50kA, 3 Single phase/ 3Phase, SF6 Gas Insulated Bus Duct (GIB) outside GIS Hall along with associated support structure (Quantity mentioned here is for 3 Phase type)	item220	250	M			0.00			0.00		0.000	0.000	INR Zero Only
11.09	SERVICES- GIS: SUPERVISION OF ERECTION: 245kV,1600A, 50 kA for 1 sec SF6 to Air Bushing	item221	7	NO			0.00			0.00		0.000	0.000	INR Zero Only

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11.1	SERVICES- GIS : TESTING & COMMISSIONING: 245kV,1600A, 50 kA for 1 sec SF6 to Air Bushing	item222	7	NO			0.00			0.00		0.000	0.000	INR Zero Only
11.11	SERVICES- GIS : 420KV, FINAL SUCCESSFUL HV/ POWER FREQUENCY TESTING OF GIS INCLUDING ARRANGING OF HV TEST KIT ALONG WITH OPERATOR	item223	1	LOT			0.00			0.00		0.000	0.000	INR Zero Only
11.12	SERVICES- GIS : INSULATION CO-ORDINATION STUDIES FOR 420KV GIS SYSTEM COMPLETE	item224	1	LOT			0.00			0.00		0.000	0.000	INR Zero Only
12.01	SERVICES- GIS : REFERENCE UNIT PRICE OF GIS INDIVIDUAL ITEM/ EQUIPMENT - SERVICES FOR SUPERVISION OF ERECTION OF GIS	item225	10	MAN-DAY			0.00			0.00		0.000	0.000	INR Zero Only
12.02	SERVICES- GIS : REFERENCE UNIT PRICE OF GIS INDIVIDUAL ITEM/ EQUIPMENT - SERVICES FOR TESTING & COMMISSIONING OF GIS	item226	10	MAN-DAY			0.00			0.00		0.000	0.000	INR Zero Only
12.03	SERVICES- GIS : REFERENCE UNIT OF GIS INDIVIDUAL ITEM/ EQUIPMENT - HIRING CHARGES OF HV TEST KIT WITH OPERATOR	item227	1	LOT			0.00			0.00		0.000	0.000	INR Zero Only
Total in Figures												0.000	0.000	Zero Only
otted Rate in Words												INR Zero Only		