



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: 0120-6748543, Email: gaurav.agarwal@bhel.in

CORRIGENDUM - 07 TO NIT NO-77851

Dated 12.12.2023

Subject: Corrigendum-07 to Tender enquiry for Supply of 765kV GIS FOR NLC Talabira PROJECT.

Project : NLC Talabira Project
Equipment / Item : SUPPLY & SERVICES OF 765kV GIS
Enquiry No/Date : Enquiry No. 61Q2400198 Dated 30-10-2023
BHEL NIT NO : 77851
Original Tender due date : 09.11.2023

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

- a) Changes in Commercial terms of NIT (enclosed),
- b) Technical Corrigendum (enclosed),
- c) Revised Price bid format in line with revised BOQ (enclosed).

Tender due date shall remain same, ie. 13-12-2023, 11:00 Hrs.

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

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

Note: Tender ID in CPP Portal is **2023_BHEL_29891_1**.

Thanking you

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

Gaurav Agarwal
BHEL TBG, NOIDA

Project NLC Talabira

Item 765kV GIS

NIT No. NIT No.77851_ Enquiry No. 61Q2400198 Dated 30-10-2023

Changes in NIT's Terms and Conditions:

Please refer following changes in Commercial terms of NIT -

NIT Clause no.	Terms as per NIT	Revised NIT Terms
11 of STC	Quantity Variation: BHEL shall have the right for variation in quantities of items within $\pm 20\%$ of the total Purchase Order / Contract value at the time of placement of PO or award of Contract on overall basis or during Contract execution stage for all amendments together within Three years from the date of original Purchase Order. The quantities of individual items may vary up to any extent or may get deleted unless otherwise specified in the technical specifications. No compensation is payable due to variation in the quantities and the Supplier / Contractor shall be bound to accept the same at the contracted prices / rates.	BHEL shall have the right for variation in quantities of items within $\pm 20\%$ of the total Purchase Order / Contract value at the time of placement of PO or award of Contract on overall basis or during Contract execution stage for all amendments together within Two years from the date of original Purchase Order. The quantities of individual items may vary up to any extent or may get deleted unless otherwise specified in the technical specifications. No compensation is payable due to variation in the quantities and the Supplier / Contractor shall be bound to accept the same at the contracted prices / rates.
14 of STC	MOU & Its Validity: Validity: 1 year from the date of signing of MOU. Bid Bond: Within 30 days of signing the MOU, 1% of the value of MOU shall be taken from the supplier as bid bond in the form of bank guarantee or security deposit etc, in order to ensure the supplier's continued commitment during the validity period of the MOU.	6 months from the date of signing of MOU. Bid Bond: Remain same as per NIT.
17 of STC	DEFECT LIABILITY PERIOD (GUARANTEE SPECIFIC CLAUSE): 6 years from the date of last supply.	5 years from the date of last supply.
22 of STC	Terms of Payment: 22.A: 22.A.1: 2.5% Interest Bearing initial Advance (Optional). 22.A.2. Interest Bearing Engineering Advance (Optional).	22.A: 22.A.1: Remains same as per NIT and subsequent corrigendum. 22.A.2: Remains same as per NIT and subsequent corrigendum.

<p>22.A.3: 55%^ of Total Ex-Works price component of Main Equipment/Materials (including Mandatory Spares) along with 100% value of GST & 100% F & I Charges payment shall be paid progressively within 60 days (45 days for micro & Small) from the date of receipt of complete GST invoice along with documents in 3 sets (original + 2 copies) as follows:</p> <ul style="list-style-type: none"> · LR / GR. · Material Receipt Certificate issued by BHEL Site Official (to be arrange by BHEL-TBG***). · GST Compliant Tax Invoice · Packing List (Case-wise) · Copy of Transit Insurance Certificate from underwriters. · Material Inspection Clearance Certificate (MICC) issued by BHEL Quality Management · Guarantee Certificate · Copy of Performance Bank Guarantee (PBG) · Certificate of acceptance of Type Test Reports issued by BHEL Engineering management wherever specifically mentioned in the Purchase Order. <p>^ In case, the vendor opts not to take interest bearing initial advance {or has opted to take interest bearing initial advance but the advance payment has become inadmissible for the reason specified in A.1 above} and interest-bearing engineering advance then this payment shall be 60% instead of 55%. Further, in case, the Contractor opts not to take interest bearing initial advance, but takes interest bearing engineering advance, then this payment shall be 57.5% instead of 55% and in case, the Contractor opts to take interest bearing initial advance, but does not take interest bearing engineering advance, then this payment shall be 57.5%, instead of 55%.</p> <p>*** MRC shall be issued by BHEL site within 7-10 working days from the date of receipt of last consignment of each dispatch/lot (as per Invoice) at site and submission of following undertaking by vendor-</p>	<p>22.A.3: 55%^ of Total Ex-Works price component of Main Equipment/Materials (60% for Mandatory Spares) along with 100% value of GST & 100% F & I Charges payment shall be paid progressively through “Irrevocable Letter of Credit (ILC)”. All charges related to ILC shall be in vendor’s account. ILC will be opened at the time of FAT with 3months validity. Amount of ILC shall be equal to the value of materials offered for inspection. Usance period of ILC will be 60days starting from the date of receipt of complete GST invoice along with documents in 3 sets (original + 2 copies) in BHEL bank as follows:</p> <ul style="list-style-type: none"> · LR / GR. · Material Receipt Certificate issued by BHEL Site Official (to be arrange by BHEL-TBG***). · GST Compliant Tax Invoice · Packing List (Case-wise) · Copy of Transit Insurance Certificate from underwriters. · Material Inspection Clearance Certificate (MICC) issued by BHEL Quality Management · Guarantee Certificate · Copy of Performance Bank Guarantee (PBG) · Certificate of acceptance of Type Test Reports issued by BHEL Engineering management wherever specifically mentioned in the Purchase Order. <p>^ – Remains same as per NIT and subsequent corrigendum.</p> <p>*** Remains same as per NIT and subsequent corrigendum.</p>
--	---

<p><i>Boxes shall be opened in the presence of vendor's representative and in case of any shortage/damage found inside the factory packed boxes during verification, then vendor shall supply the same without any financial implications to BHEL.</i></p> <p>Clauses 22.B: 20% of ex-works value payment (30% in case of Mandatory Spares) against JVR</p> <p>Clause 22.C: (not applicable for Mandatory spares)- 10% (Ten percent) on Successful completion of Supervision of Erection, Testing including HV Testing & Commissioning of individual bays.</p> <p>Note: In case of Supervision of Erection, Testing including HV Testing & Commissioning & issuance of taking over certificate by Employer gets delayed beyond 12 months from the date of last supply for the reasons not attributable to supplier, supplier may claim above payments of supply portion by furnishing documents as per NIT.</p> <p>Clause 22.D: Last 10% (Ten percent) on proof of submission of required number of reproducible, O&M Manuals, approved drawings, data sheets, test report, pamphlets and manuals of mandatory spares, maintenance & testing equipment and on successful completion of Supervision activity.</p> <p>Note: In case of Supervision of Erection, Testing including HV Testing & Commissioning & issuance of taking over certificate by Employer gets delayed beyond 18 months from the date of last supply for the reasons not attributable to supplier, supplier may claim above payments of supply portion by furnishing documents as per NIT.</p> <p>Mode of Payment: Payment shall be made directly to the supplier/ vendor by BHEL through NEFT/RTGS.</p>	<p>Clauses 22.B: Remains same as per NIT and subsequent corrigendum.</p> <p>Clause 22.C: Remains same as per NIT and subsequent corrigendum.</p> <p>Note: In case of Supervision of Erection, Testing including HV Testing & Commissioning & issuance of taking over certificate by Employer gets delayed beyond 09 months from the date of last supply for the reasons not attributable to supplier, supplier may claim above payments of supply portion by furnishing documents as per NIT.</p> <p>Clause 22.D: Remains same as per NIT and subsequent corrigendum.</p> <p>Note: In case of Supervision of Erection, Testing including HV Testing & Commissioning & issuance of taking over certificate by Employer gets delayed beyond 12 months from the date of last supply for the reasons not attributable to supplier, supplier may claim above payments of supply portion by furnishing documents as per NIT.</p> <p>Mode of Payment: Mode of payment for all other milestone payments, ie. 22.B, 22.C & 22.D shall remain same as per NIT.</p>
--	--

Terms and conditions have been mentioned in brief in above table, however, Detailed terms and conditions as per NIT and subsequent corrigendum issued shall be applicable along with changes as mentioned above.

"All other terms and conditions of NIT shall remain same."

TECHNICAL CORRIGENDUM - 2 (765kV GIS Talabira)

07-Dec-23

SL	SECTION	DESCRIPTION	REMARKS
1	BPS	ANNEXURE_BOQ_765kV_GIS, Rev.3	ANNEXURE_BOQ_765kV_GIS has been updated. Updates has been highlighted Yellow. Bidder to follow the same.
2	BPS 3.2	ADDITION / DELETION OF 1 PHASE 1 CORE / WINDING GIS VOLTAGE TRANSFORMER (IF REQUIRED IN DETAILED ENGINEERINGSet0	Qty updated in BPS

For 08/12/2023

A. S. / 08/12/23

SL	DESCRIPTION	UNIT	QTY	REMARKS
1	SUPPLY- GIS : 765KV, 50KA FOR 1S, GAS INSULATED SWITCHGEAR (GIS) AS PER TS			
1.01	765KV SF6 GIS GENERATOR TRAFORMER BAY	Set	3	3
1.02	766 KV, SF6 GIS ICT BAY	Set	2	2
1.03	765 KV, SF6 GIS LINE FEEDER BAY WITH PIR	Set	5	
1.04	765 KV, SF6 GIS BUS REACTOR BAY	Set	1	
1.05	765KV SF6 GIS TIE BAY WITH PIR	Set	3	
1.06	765KV SF6 GIS TIE BAY WITHOUT PIR	Set	4	
1.07	765 KV, SF6 GIS LINE REACTOR BAY	Set	2	
1.08	765KV SF6 GIS AUXILIARY BUSBAR MODULE FOR SPARE LINE REACTOR	Set	1	
1.09	765KV GIS BUS BAR MODULE AS PER SLD & TENCHNICAL SPECTIFCATION	Set	2	
1.10	765KV GIS BUS MEASUREMENT BAY INCLUDING LA, VT, DS & ES AS PER SLD & TENCHNICAL REQUIREMENT	Set	2	
1.11	PROVISION FOR FUTURE SWITCHABLE LINE REACTOR BAY INCLUDING INTERFACING MODULE AND EXTENDED MAIN BUS FOR INTERFACING	Set	2	ASSOCIATED WITH LINES SUNDARGARH SS LILO-01 & SUNDARGARH SS LILO-02

SL	DESCRIPTION	UNIT	QTY	REMARKS
1.12	765KV SF6 GIS ADAPTER BOX FOR EXTENSION OF GIS, SET OF 3 PHASE: END PIECE / INTERFACE MODULE WITH THE TEST LINK FOR FUTURE EXTENSION OF MAIN GIS BUSBAR / GIB	Set	4	Scope includes End Piece / Interface module with the test link for future extension of Bus bar module / GIB. The end piece module shall be designed in such a way so that future GIS module may be tested without extending voltage to existing bus by removing the test link.
1.13	765KV SINGLE PHASE, SF6 GAS INSULATED BUS DUCT (GIB) OUTSIDE GIS HALL ALONGWITH ASSOCIATED SUPPORT STRUCTURE & EARTHING	Meter	6500	
1.14	765KV SF6 TO AIR BUSHING (1 PHASE)	Nos.	40	
1.15	SF6 GAS REQUIRED FOR PLACING GIS INTO SUCCESSFUL OPERATION	Lot	1	
1.16	CONTROLLED SWITCHING DEVICE FOR 765 KV, 3-PH CIRCUIT BREAKER	Set	13	
1.17	LOCAL CONTROL CUBICLES (LCC)	Nos.	20	
1.18	STRUCTURE MATERIAL INCLUDING ANCHOR BOLTS, EMBEDDED ITEMS, RAILS AND/OR OTHER MATERIALS ETC.	Lot	1	
1.19	EARTHING MATERIALS INCLUDING HIGH FREQUENCY EARTHING	Lot	1	
1.20	ONLINE PARTIAL DISCHARGE MONITORING SYSTEM FOR 765KV GIS.	Set	0	

SL	DESCRIPTION	UNIT	QTY	REMARKS
1.21	CONTINUOUS ONLINE PARTIAL DISCHARGE MONITORING SYSTEM FOR 765KV GIS.	Set	1	On line partial discharge (PD) monitoring system as per IEC60270 shall be envisaged for continuous online monitoring . The number and location of these sensors shall be based on the laboratory test on typical design of GIS as per IEC recommendation of CIGRE Document No 654. (Application for sensitivity verification for PD detection system for GIS).
1.22	SF6 GAS PROCESSING UNIT	Set	1	
1.23	SF6 GAS LEAKAGE DETECTOR	Set	1	
1.24	BREAKER TEST KIT	Set	1	The Portable Circuit Breaker Motion Analyser of make Scope / PCI Ltd. / Programma / Baur Inst as per TS
1.25	CONTACT RESISTANCE MEASUREMENT SET SUITABLE FOR MICRO OHMS	Set	2	
2	SPARES- GIS : 765KV, 50KA FOR 1S, GAS INSULATED SWITCHGEAR (GIS) AS PER TS			
2.01	SPARE - O-RING AND GASKETS (ONE OF EACH TYPE & SIZE)	Set	3	
2.02	SPARE - SF6 GAS PRESSURE RELIEF DEVICES (ONE OF EACH TYPE & RATING ALONG WITH O'RINGS)	Set	2	
2.03	SPARE - SF6 GAS CYLINDER (20% OF TOTAL QUANTITY)	Set	1	
2.04	SPARE - MOLECULAR FILTER FOR SF6 GAS WITH FILTER BAGS (5% OF TOTAL QUANTITY)	Set	1	
2.05	SPARE - ALL TYPES OF CONTROL VALVES FOR SF6 (ONE OF EACH TYPE & RATING)	Nos.	3	

SL	DESCRIPTION	UNIT	QTY	REMARKS
2.06	SPARE - LOCKING DEVICE TO KEEP THE DISCONNECTORS /ISOLATORS AND EARTHING SWITCHES IN CLOSE OR OPEN POSITION IN CASE OF REMOVAL OF DRIVING MECHANISM	Nos.	3	
2.07	SPARE - SPARES FOR LOCAL CONTROL CABINET INCLUDING MCB, FUSES, TIMER, AUXILIARY RELAYS, CONTACTORS, PUSH BUTTONS, SWITCHES, LAMPS & ANNUNCIATION WINDOWS, TERMINAL BLOCKS (ONE OF EACH TYPE & RATING, SIZE, RATING & MAKE)	Nos.	2	
2.08	SPARE - SF6 TO AIR BUSHING COMPLETE WITH CONNECTORS (ONE OF EACH TYPE & RATING & RATING)	Nos.	1	
2.09	SPARE - SINGLE PHASE POTENTIAL TRANSFORMER (ONE OF EACH TYPE & RATING, ACCURACY CLASS, BURDEN)	Set	1	
2.1	SPARE - SINGLE PHASE CURRENT TRANSFORMER (ONE OF EACH TYPE & RATING, RATIO, ACCURACY CLASS, BURDEN) WITH ASSOCIATED ENCLOSURE AND PRIMARY CONDUCTOR COMPLETE IN ALLRESPECT	Set	1	
2.11	SPARE - EXPLOSION VENT DIAPHRAGMS (5% OF TOTAL POPULATION)	Set	1	
2.12	SPARE - BUS SUPPORT INSULATOR (5% OF TOTAL POPULATION)	Set	1	
2.13	SPARE - SURGE ARRESTOR (ONE OF EACH TYPE & RATING & RATING AND DISCHARGE CLASS)	Nos.	1	
2.14	SPARE - SURGE COUNTER WITH LEAKAGE CURRENT MONITOR	Nos.	1	
2.15	SPARE - 765 KV CIRCUIT BREAKER (BELOW LIST SHALL BE PROVIDED FOR 765 KV CIRCUIT BREAKER)			
2.15.1	CB SPARE - COMPLETE POLE ASSEMBLY (1 PHASE) OF CIRCUIT BREAKER OF EACH TYPE AND RATING COMPLETE WITH INTERRUPTER, MAIN CIRCUIT, ENCLOSURE, MARSHALLING BOX WITH OPERATING MECHANISM (APPLICABLE FOR CB WITHOUT PIR)	Set	1	
2.15.2	CB SPARE - COMPLETE POLE ASSEMBLY (1 PHASE) OF CIRCUIT BREAKER OF EACH TYPE AND RATING COMPLETE WITH INTERRUPTER, MAIN CIRCUIT, ENCLOSURE, MARSHALLING BOX WITH OPERATING MECHANISM (APPLICABLE FOR CB WITH PIR)	Set	1	
2.15.3	CB SPARE - CIRCUIT BREAKER CLOSING AND OPENING COIL ASSEMBLY (ONE OF EACH TYPE & RATING)	Set	2	

SL	DESCRIPTION	UNIT	QTY	REMARKS
2.15.4	CB SPARE - CIRCUIT BREAKER OPERATING MECHANISM (ONE OF EACH TYPE & RATING)	Set	1	
2.15.5	CB SPARE - CIRCUIT BREAKER OPERATION COUNTER (ONE OF EACH TYPE & RATING)	Nos.	3	
2.15.6	CB SPARE - AUXILIARY SWITCH ASSEMBLY (ONE OF EACH TYPE & RATING)	Nos.	3	
2.16	765 KV ISOLATOR / DISCONNECTOR, EARTH SWITCHES (BELOW LIST SHALL BE SEPARATELY PROVIDED FOR 765 KV GIS)			
2.16.01	SPARE - COMPLETE SET OF 3 NOS. OF SINGLE PHASE / ONE 3 PHASE ISOLATOR OF EACH TYPE , DIMENSION, CURRENT, & VOLTAGE RATING INCLUDING MAIN CIRCUIT, ENCLOSURE, DRIVING MECHANISM	Set	1	
2.16.02	SPARE - 3 NOS OF SINGLE PHASE / ONE 3 PHASE MAINTENANCE EARTH SWITCH OF EACH TYPE , DIMENSION, CURRENT, & VOLTAGE RATING INCLUDING MAIN CIRCUIT, ENCLOSURE, DRIVING MECHANISM	Set	1	
2.16.03	SPARE - 3 NOS OF SINGLE PHASE / ONE 3 PHASE FAST ACTING EARTH SWITCH OF EACH TYPE , DIMENSION, CURRENT, & VOLTAGE RATING INCLUDING MAIN CIRCUIT, ENCLOSURE, DRIVING MECHANISM	Set	1	
2.16.04	SPARE - OPEN & CLOSE CONTACTOR ASSEMBLY INCLUDING TIMER, INTERLOCKING COILS, KEY INTERLOCK, RELAYS, PUSH BUTTONS, INDICATING LAMPS, POWER CONTACTORS, RESISTER, FUSES, MCB FOR ONE COMPLETE DISCONNECTOR (3 PHASE) (ONE OF EACH TYPE & RATING)	Nos.	1	
2.16.05	SPARE - OPEN & CLOSE CONTACTOR ASSEMBLY INCLUDING TIMER, INTERLOCKING COILS, KEY INTERLOCK, RELAYS, PUSH BUTTONS, INDICATING LAMPS, POWER CONTACTORS, RESISTER, FUSES, MCB FOR ONE COMPLETE MAINTENANCE EARTH SWITCH (3 PHASE) (ONE OF EACH TYPE & RATING)	Nos.	1	
2.16.06	SPARE - OPEN & CLOSE CONTACTOR ASSEMBLY INCLUDING TIMER, INTERLOCKING COILS, KEY INTERLOCK, RELAYS, PUSH BUTTONS, INDICATING LAMPS, POWER CONTACTORS, RESISTER, FUSES, MCB FOR ONE COMPLETE FAST ACTING EARTH SWITCH (3 PHASE) (ONE OF EACH TYPE & RATING)	Nos.	1	
2.16.07	SPARE - ISOLATOR CONTACTS (ONE OF EACH TYPE & RATING & CURRENT RATING)	Set	1	

SL	DESCRIPTION	UNIT	QTY	REMARKS
2.16.08	SPARE - MAINTENANCE EARTH SWITCH CONTACTS (ONE OF EACH TYPE & RATING & CURRENT RATING)	Set	1	
2.16.09	SPARE - FAST ACTING EARTH SWITCH CONTACTS (ONE OF EACH TYPE & RATING & CURRENT RATING)	Set	1	
2.16.1	SPARE - ISOLATOR OPERATING MECHANISM (ONE OF EACH TYPE & RATING)	Nos.	3	
2.16.11	SPARE - MAINTENANCE EARTH SWITCH OPERATING MECHANISM (ONE OF EACH TYPE & RATING)	Nos.	3	
2.16.12	SPARE - FAST ACTING EARTH SWITCH OPERATING MECHANISM (ONE OF EACH TYPE & RATING)	Nos.	3	
2.16.13	SPARE - LIMIT SWITCH ASSEMBLY FOR DISCONNECTOR (ONE OF EACH TYPE & RATING)	Set	2	
2.16.14	SPARE - LIMIT SWITCH ASSEMBLY FOR MAINTENANCE EARTH SWITCH (ONE OF EACH TYPE & RATING)	Set	2	
2.16.15	SPARE - LIMIT SWITCH ASSEMBLY FOR FAST ACTING EARTH SWITCH(ONE OF EACH TYPE & RATING)	Set	2	
2.17	SPARE - STATIC FILTER(ADSORBENT) (5% OF TOTAL POPULATION)	Set	1	
2.18	SPARE - GAS BARRIER & RUPTURE DISK (ONE OF EACH TYPE & RATING) (5% OF TOTAL POPULATION)	Set	1	
2.19	SPARE - GAS DENSITY MONITOR (PRESSURE SWITCH WITH GAUGE) (5% OF TOTAL POPULATION)	Set	1	
2.2	SPARE - COUPLING DEVICES ONE OF EACH TYPE & RATING OF PRESSURE GAUGE CUM SWITCH FOR CONNECTING GAS HANDLING PLANT	Set	2	
3	SPARES- GIS : 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)			
3.1	ADDITION / DELETION OF 1 PHASE 1 CORE GIS CURRENT TRANSFORMER (IF REQUIRED IN DETAILED ENGINEERING)	Set	12	
3.2	ADDITION / DELETION OF 1 PHASE 1 CORE / WINDING GIS VOLTAGE TRANSFORMER (IF REQUIRED IN DETAILED ENGINEERING)	Set	0	
4	SERVICES- GIS : 765KV, 50KA FOR 1S, GAS INSULATED SWITCHGEAR (GIS) AS PER TS			

SL	DESCRIPTION	UNIT	QTY	REMARKS
4.01	SERVICES- GIS : 765KV, SUPERVISION OF ERECTION OF GIS	Lot	1	Supervision of erection of 765kV GIS, complete in all respect including LCC. It also includes supervision of unloading & verification of materials for proper storage at site. In the event of changes in scope, payment shall be made on pro-rata basis of circuit breaker bays only. This includes services for complete GIS system excluding GIB & SAB.
4.02	SERVICES- GIS : 765KV, SUPERVISION OF ERECTION OF GAS INSULATED BUS DUCT	Set	1	
4.03	SERVICES- GIS : 765KV, SUPERVISION OF ERECTION OF SF6 TO AIR BUSHING	Set	40	Single phase SF6 Bushing.
4.04	SERVICES- GIS : 765KV, TESTING & COMMISSIONING OF GIS	Lot	1	Testing and commissioning of complete 765kV GIS system is to be executed by contractor (excluding HV Test which is covered in a separate line item below). All testing instruments, kits, T&P etc. are to be arranged by contractor on returnable basis. Please refer relevant section of technical specification for details. (This also includes Testing & commissioning of GIB, SAB & CSD etc complete in all aspect)
4.05	SERVICES- GIS : 765KV, FINAL SUCCESSFUL HV/ POWER FREQUENCY TESTING OF GIS INCLUDING ARRANGING OF HV TEST KIT ALONG WITH OPERATOR	Lot	1	Carrying out successful HV/ Power Frequency Testing of GIS as per IEC including Arrangement of HV Test kit (on returnable basis) shall be in scope of bidder, which includes charges HV test kit with operator, accessories & tools required for completion of HV testing. Bays may be commissioned separately.
4.06	SERVICES- GIS : STUDIES INSULATION CO-ORDINATION VFTO REPORT e.t.c. complete	Lot	1	Complete study as per technical specification
4.07	SERVICES- GIS : TRAINING AT GIS FACTORY	Days	2	

SL	DESCRIPTION	UNIT	QTY	REMARKS
4.08	SERVICES- GIS : TRAINING AT SITE	Days	2	
5	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)			
5.1	SERVICES- GIS : REF. UNIT PRICE OF GIS INDIVIDUAL ITEM/ EQUIPMENT - SERVICES FOR SUPERVISION OF ERECTION OF GIS	MANDAY	10	Charges for repetition of services - (if required due to reasons not attributed to the contractor) This item will be executed only if repetition of services is required by BHEL.
5.2	SERVICES- GIS : REF. UNIT PRICE OF GIS INDIVIDUAL ITEM/ EQUIPMENT - SERVICES FOR TESTING & COMMISSIONING OF GIS	MANDAY	10	Charges for repetition of services - (if required due to reasons not attributed to the contractor) This item will be executed only if repetition of services is required by BHEL.
5.3	SERVICES- GIS : 765KV, REF. UNIT PRICE OF GIS INDIVIDUAL ITEM/ EQUIPMENT - CHARGES OF HV TEST KIT WITH OPERATOR	Lot	1	Additional HV test kit charges including charges of operator, HV test kit, accessories & tools required for completion of HV test (Dielectric Test after installation of GIS). This item is executed only if repetition/ additional HV Test is required by BHEL i.e. post successful commissioning of GIS. (if required due to reasons not attributed to the contractor)

Tender Inviting Authority: BHEL TBG NOIDA

Name of Work: 765KV GIS for NLC Talabira TPS

Enquiry/NIT No: NIT No.77851_ Enquiry No. 61Q2400198 Dated 30-10-2023

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
1.01	765KV SF6 GIS GENERATOR TRAFORMER BAY	item1	3	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.02	766 KV, SF6 GIS ICT BAY	item2	2	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.03	765 KV, SF6 GIS LINE FEEDER BAY WITH PIR	item3	5	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.04	765 KV, SF6 GIS BUS REACTOR BAY	item4	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.05	765KV SF6 GIS TIE BAY WITH PIR	item5	3	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.06	765KV SF6 GIS TIE BAY WITHOUT PIR	item6	4	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.07	765 KV, SF6 GIS LINE REACTOR BAY	item7	2	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.08	765KV SF6 GIS AUXILIARY BUSBAR MODULE FOR SPARE LINE REACTOR	item8	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.09	765KV GIS BUS BAR MODULE AS PER SLD & TENCHNICAL SPECTIFCATION	item9	2	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.10	765KV GIS BUS MEASUREMENT BAY INCLUDING LA, VT, DS & ES AS PER SLD & TENCHNICAL REQUIREMENT	item10	2	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.11	PROVISION FOR FUTURE SWITCHABLE LINE REACTOR BAY INCLUDING INTERFACING MODULE AND EXTENDED MAIN BUS FOR INTERFACING	item11	2	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.12	765KV SF6 GIS ADAPTER BOX FOR EXTENSION OF GIS, SET OF 3 PHASE: END PIECE / INTERFACE MODULE WITH THE TEST LINK FOR FUTURE EXTENSION OF MAIN GIS BUSBAR / GIB	item12	4	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.13	765KV SINGLE PHASE, SF6 GAS INSULATED BUS DUCT (GIB) OUTSIDE GIS HALL ALONGWITH ASSOCIATED SUPPORT STRUCTURE & EARTHING	item13	6500	Meter	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.14	765KV SF6 TO AIR BUSHING (1 PHASE)	item14	40	Nos.	INR			0.00			0.00		0.000	0.000	INR Zero Only

Tender Inviting Authority: BHEL TBG NOIDA

Name of Work: 765KV GIS for NLC Talabira TPS

Enquiry/NIT No: NIT No.77851_Enquiry No. 61Q2400198 Dated 30-10-2023

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
1.15	SF6 GAS REQUIRED FOR PLACING GIS INTO SUCCESSFUL OPERATION	item15	1	Lot	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.16	CONTROLLED SWITCHING DEVICE FOR 765 KV, 3-PH CIRCUIT BREAKER	item16	13	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.17	LOCAL CONTROL CUBICLES (LCC)	item17	20	Nos.	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.18	STRUCTURE MATERIAL INCLUDING ANCHOR BOLTS, EMBEDDED ITEMS, RAILS AND/ OR OTHER MATERIALS ETC.	item18	1	Lot	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.19	EARTHING MATERIALS INCLUDING HIGH FREQUENCY EARTHING	item19	1	Lot	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.20	ONLINE PARTIAL DISCHARGE MONITORING SYSTEM FOR 765KV GIS.	item20	0	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.21	CONTINUOUS ONLINE PARTIAL DISCHARGE MONITORING SYSTEM FOR 765KV GIS.	item21	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.22	SF6 GAS PROCESSING UNIT	item22	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.23	SF6 GAS LEAKAGE DETECTOR	item23	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.24	BREAKER TEST KIT	item24	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
1.25	CONTACT RESISTANCE MEASUREMENT SET SUITABLE FOR MICRO OHMS	item25	2	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.01	SPARE - O-RING AND GASKETS (ONE OF EACH TYPE & SIZE)	item26	3	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.02	SPARE - SF6 GAS PRESSURE RELIEF DEVICES (ONE OF EACH TYPE & RATING ALONG WITH O'RINGS)	item27	2	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.03	SPARE - SF6 GAS CYLINDER (20% OF TOTAL QUANTITY)	item28	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only

Tender Inviting Authority: BHEL TBG NOIDA

Name of Work: 765kV GIS for NLC Talabira TPS

Enquiry/NIT No: NIT No.77851_Enquiry No. 61Q2400198 Dated 30-10-2023

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
2.04	SPARE - MOLECULAR FILTER FOR SF6 GAS WITH FILTER BAGS (5% OF TOTAL QUANTITY)	item29	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.05	SPARE - ALL TYPES OF CONTROL VALVES FOR SF6 (ONE OF EACH TYPE & RATING)	item30	3	Nos.	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.06	SPARE - LOCKING DEVICE TO KEEP THE DISCONNECTORS /ISOLATORS AND EARTHING SWITCHES IN CLOSE OR OPEN POSITION IN CASE OF REMOVAL OF DRIVING MECHANISM	item31	3	Nos.	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.07	SPARE - SPARES FOR LOCAL CONTROL CABINET INCLUDING MCB, FUSES, TIMER, AUXILIARY RELAYS, CONTACTORS, PUSH BUTTONS, SWITCHES, LAMPS & ANNUNCIATION WINDOWS, TERMINAL BLOCKS (ONE OF EACH TYPE & RATING, SIZE, RATING & MAKE)	item32	2	Nos.	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.08	SPARE - SF6 TO AIR BUSHING COMPLETE WITH CONNECTORS (ONE OF EACH TYPE & RATING & RATING)	item33	1	Nos.	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.09	SPARE - SINGLE PHASE POTENTIAL TRANSFORMER (ONE OF EACH TYPE & RATING, ACCURACY CLASS, BURDEN)	item34	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.1	SPARE - SINGLE PHASE CURRENT TRANSFORMER (ONE OF EACH TYPE & RATING, RATIO, ACCURACY CLASS, BURDEN) WITH ASSOCIATED ENCLOSURE AND PRIMARY CONDUCTOR COMPLETE IN	item35	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.11	SPARE - EXPLOSION VENT DIAPHRAGMS (5% OF TOTAL POPULATION)	item36	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.12	SPARE - BUS SUPPORT INSULATOR (5% OF TOTAL POPULATION)	item37	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.13	SPARE - SURGE ARRESTOR (ONE OF EACH TYPE & RATING & RATING AND DISCHARGE CLASS)	item38	1	Nos.	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.14	SPARE - SURGE COUNTER WITH LEAKAGE CURRENT MONITOR	item39	1	Nos.	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.151	CB SPARE - COMPLETE POLE ASSEMBLY (1 PHASE) OF CIRCUIT BREAKER OF EACH TYPE AND RATING COMPLETE WITH INTERRUPTER, MAIN CIRCUIT, ENCLOSURE, MARSHALLING BOX WITH OPERATING MECHANISM (APPLICABLE FOR CB WITHOUT PIR)	item40	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only

Tender Inviting Authority: BHEL TBG NOIDA

Name of Work: 765kV GIS for NLC Talabira TPS

Enquiry/NIT No: NIT No.77851_ Enquiry No. 61Q2400198 Dated 30-10-2023

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
2.152	CB SPARE - COMPLETE POLE ASSEMBLY (1 PHASE) OF CIRCUIT BREAKER OF EACH TYPE AND RATING COMPLETE WITH INTERRUPTER, MAIN CIRCUIT, ENCLOSURE, MARSHALLING BOX WITH OPERATING MECHANISM (APPLICABLE FOR CB WITH PIR)	item41	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.153	CB SPARE - CIRCUIT BREAKER CLOSING AND OPENING COIL ASSEMBLY (ONE OF EACH TYPE & RATING)	item42	2	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.154	CB SPARE - CIRCUIT BREAKER OPERATING MECHANISM (ONE OF EACH TYPE & RATING)	item43	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.155	CB SPARE - CIRCUIT BREAKER OPERATION COUNTER (ONE OF EACH TYPE & RATING)	item44	3	Nos.	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.156	CB SPARE - AUXILIARY SWITCH ASSEMBLY (ONE OF EACH TYPE & RATING)	item45	3	Nos.	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.1601	SPARE - COMPLETE SET OF 3 NOS. OF SINGLE PHASE / ONE 3 PHASE ISOLATOR OF EACH TYPE , DIMENSION, CURRENT, & VOLTAGE RATING INCLUDING MAIN CIRCUIT, ENCLOSURE, DRIVING MECHANISM	item46	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.1602	SPARE - 3 NOS OF SINGLE PHASE / ONE 3 PHASE MAINTENANCE EARTH SWITCH OF EACH TYPE , DIMENSION, CURRENT, & VOLTAGE RATING INCLUDING MAIN CIRCUIT, ENCLOSURE, DRIVING MECHANISM	item47	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.1603	SPARE - 3 NOS OF SINGLE PHASE / ONE 3 PHASE FAST ACTING EARTH SWITCH OF EACH TYPE , DIMENSION, CURRENT, & VOLTAGE RATING INCLUDING MAIN CIRCUIT, ENCLOSURE, DRIVING MECHANISM	item48	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.1604	SPARE - OPEN & CLOSE CONTACTOR ASSEMBLY INCLUDING TIMER, INTERLOCKING COILS, KEY INTERLOCK, RELAYS, PUSH BUTTONS, INDICATING LAMPS, POWER CONTACTORS, RESISTER, FUSES, MCB FOR ONE COMPLETE DISCONNECTOR (3 PHASE) (ONE OF EACH TYPE & RATING)	item49	1	Nos.	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.1605	SPARE - OPEN & CLOSE CONTACTOR ASSEMBLY INCLUDING TIMER, INTERLOCKING COILS, KEY INTERLOCK, RELAYS, PUSH BUTTONS, INDICATING LAMPS, POWER CONTACTORS, RESISTER, FUSES, MCB FOR ONE COMPLETE MAINTENANCE EARTH SWITCH (3 PHASE) (ONE OF EACH TYPE & RATING)	item50	1	Nos.	INR			0.00			0.00		0.000	0.000	INR Zero Only

Tender Inviting Authority: BHEL TBG NOIDA

Name of Work: 765kV GIS for NLC Talabira TPS

Enquiry/NIT No: NIT No.77851_Enquiry No. 61Q2400198 Dated 30-10-2023

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
2.1606	SPARE - OPEN & CLOSE CONTACTOR ASSEMBLY INCLUDING TIMER, INTERLOCKING COILS, KEY INTERLOCK, RELAYS, PUSH BUTTONS, INDICATING LAMPS, POWER CONTACTORS, RESISTER, FUSES, MCB FOR ONE COMPLETE FAST ACTING EARTH SWITCH (3 PHASE) (ONE OF EACH TYPE & RATING)	item51	1	Nos.	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.1607	SPARE - ISOLATOR CONTACTS (ONE OF EACH TYPE & RATING & CURRENT RATING)	item52	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.1608	SPARE - MAINTENANCE EARTH SWITCH CONTACTS (ONE OF EACH TYPE & RATING & CURRENT RATING)	item53	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.1609	SPARE - FAST ACTING EARTH SWITCH CONTACTS (ONE OF EACH TYPE & RATING & CURRENT RATING)	item54	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.161	SPARE - ISOLATOR OPERATING MECHANISM (ONE OF EACH TYPE & RATING)	item55	3	Nos.	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.1611	SPARE - MAINTENANCE EARTH SWITCH OPERATING MECHANISM (ONE OF EACH TYPE & RATING)	item56	3	Nos.	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.1612	SPARE - FAST ACTING EARTH SWITCH OPERATING MECHANISM (ONE OF EACH TYPE & RATING)	item57	3	Nos.	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.1613	SPARE - LIMIT SWITCH ASSEMBLY FOR DISCONNECTOR (ONE OF EACH TYPE & RATING)	item58	2	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.1614	SPARE - LIMIT SWITCH ASSEMBLY FOR MAINTENANCE EARTH SWITCH (ONE OF EACH TYPE & RATING)	item59	2	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only

Tender Inviting Authority: BHEL TBG NOIDA

Name of Work: 765KV GIS for NLC Talabira TPS

Enquiry/NIT No: NIT No.77851_Enquiry No. 61Q2400198 Dated 30-10-2023

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
2.1615	SPARE - LIMIT SWITCH ASSEMBLY FOR FAST ACTING EARTH SWITCH(ONE OF EACH TYPE & RATING)	item60	2	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.17	SPARE - STATIC FILTER(ADSORBENT) (5% OF TOTAL POPULATION)	item61	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.18	SPARE - GAS BARRIER & RUPTURE DISK (ONE OF EACH TYPE & RATING) (5% OF TOTAL POPULATION)	item62	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.19	SPARE - GAS DENSITY MONITOR (PRESSURE SWITCH WITH GAUGE) (5% OF TOTAL POPULATION)	item63	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
2.2	SPARE - COUPLING DEVICES ONE OF EACH TYPE & RATING OF PRESSURE GAUGE CUM SWITCH FOR CONNECTING GAS HANDLING PLANT	item64	2	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
3.1	SPARES- GIS : REFERENCE UNIT PRICE FOR ADDITION / DELETION OF SUPPLY ITEMS ADDITION / DELETION OF 1 PHASE 1 CORE GIS CURRENT TRANSFORMER (IF REQUIRED IN DETAILED ENGINEERING)	item65	12	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
3.2	SPARES- GIS : REFERENCE UNIT PRICE FOR ADDITION / DELETION OF SUPPLY ITEMS ADDITION / DELETION OF 1 PHASE 1 CORE / WINDING GIS VOLTAGE TRANSFORMER (IF REQUIRED IN DETAILED ENGINEERING)	item66	0	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
4.01	SERVICES- GIS : 765KV, SUPERVISION OF ERECTION OF GIS	item67	1	Lot	INR			0.00			0.00		0.000	0.000	INR Zero Only
4.02	SERVICES- GIS : 765KV, SUPERVISION OF ERECTION OF GAS INSULATED BUS DUCT	item68	1	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
4.03	SERVICES- GIS : 765KV, SUPERVISION OF ERECTION OF SF6 TO AIR BUSHING	item69	40	Set	INR			0.00			0.00		0.000	0.000	INR Zero Only
4.04	SERVICES- GIS : 765KV, TESTING & COMMISSIONING OF GIS	item70	1	Lot	INR			0.00			0.00		0.000	0.000	INR Zero Only
4.05	SERVICES- GIS : 765KV, FINAL SUCCESSFUL HV/ POWER FREQUENCY TESTING OF GIS INCLUDING ARRANGING OF HV TEST KIT ALONG WITH OPERATOR	item71	1	Lot	INR			0.00			0.00		0.000	0.000	INR Zero Only
4.06	SERVICES- GIS : STUDIES INSULATION CO-ORDINATION VFTO REPORT e.t.c. complete	item72	1	Lot	INR			0.00			0.00		0.000	0.000	INR Zero Only
4.07	SERVICES- GIS : TRAINING AT GIS FACTORY	item73	2	Days	INR			0.00			0.00		0.000	0.000	INR Zero Only
4.08	SERVICES- GIS : TRAINING AT SITE	item74	2	Days	INR			0.00			0.00		0.000	0.000	INR Zero Only

Tender Inviting Authority: BHEL TBG NOIDA

Name of Work: 765kV GIS for NLC Talabira TPS

Enquiry/NIT No: NIT No.77851_ Enquiry No. 61Q2400198 Dated 30-10-2023

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
5.1	SERVICES- GIS : REF. UNIT PRICE OF GIS INDIVIDUAL ITEM/ EQUIPMENT - SERVICES FOR SUPERVISION OF ERECTION OF GIS	item75	10	MANDAY	INR			0.00			0.00		0.000	0.000	INR Zero Only
5.2	SERVICES- GIS : REF. UNIT PRICE OF GIS INDIVIDUAL ITEM/ EQUIPMENT - SERVICES FOR TESTING & COMMISSIONING OF GIS	item76	10	MANDAY	INR			0.00			0.00		0.000	0.000	INR Zero Only
5.3	SERVICES- GIS : 765KV, REF. UNIT PRICE OF GIS INDIVIDUAL ITEM/ EQUIPMENT - CHARGES OF HV TEST KIT WITH OPERATOR	item77	1	Lot	INR			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													