

Construction of “400kV Khandukhal (Srinagar)- Rampura (Kashipur) D/c line” – 194 Km with Twin HTLS conductor along with associated 400kV AIS S/S Extension Package SS01 for (i) Extn. of 400kV Rampura (Kashipur) S/S including 400kV class Line Reactor and (ii) Extn. of 400kV Khandukhal (Srinagar) S/S” under Turnkey basis – Bids invited by M/s. Khandukhal –Rampura Transmission Limited (hereafter referred as KRTL)

Specification No. :KRTL/TBCB/400kV/ Khandukhal -Rampura / TL & Bay extension works at Khandukhal & Rampura/G1 Dated:-----

Enter following details of the bidder			
Specify type of Bidder [Select from drop down menu]	Sole Bidder		
Name of Sole Bidder			
Address of Sole Bidder			
			
			
Printed Name			
Designation			
email ID of Bid Signatory			
Mobile No. of Bid Signatory			
Tel No. of Bid Signatory			
Fax No. of Bid Signatory			
Date			
Place			

Bidder's Name and Address (Sole Bidder) :

KRTL
2nd Floor, Niryat Bhawan, Rao Tularam Marg,
Vasanth Vihar, Opposite Army Hospital & Referral,
New Delhi – 110 057, INDIA

To:

Plant and Equipment (including Mandatory Spares Parts) to be supplied, including Type Test Charges for Tests to be conducted

All Prices are in Indian Rupees.

Sl. No.	Activity Description	Rate of GST applicable (in %)	Whether rate of GST in column '4' is confirmed. If not indicate applicable rate of GST *	Item Description	Unit	Qty.	Unit Ex-works price (excluding GST)	Total Ex-works price (excluding GST)
1	2	3	4	5	6	7	8	9=7X8
1	Extn of 400kV Rampura (Kashipur) S/s							
1	80MVAR Reactor	18		80 MVAR,420kV 3-phase Shunt Reactor excluding Insulating Oil	EA	2.00		Included
2	80MVAR Reactor	18		Insulating Oil for 80 MVAR,420kV ,3-phase Shunt Reactor with associated NGR	SET	2.00		Included
3	80MVAR Reactor	18		Oil filled Neutral Grounding Reactor (NGR) along with support structure & terminal connector	EA	2.00		Included
4	80MVAR Reactor	18		Insulating Oil for NGR	SET	2.00		Included
5	80MVAR Reactor	18		120kV Surge Arrester along with support structure & terminal	SET	2.00		Included
6	400 kV AIS Equipments	18		420kV, 3150A, 63kA Circuit Breaker (3-Phase) without closing resistor and with Support Structure	EA	7.00		Included
7	400 kV AIS Equipments	18		Controlled Switching Device for 420 kV, 3-ph Circuit Breaker	EA	2.00		Included
8	400 kV AIS Equipments	18		420kV, 3150A, 63KA, Isolator (3-phase)(Double Break) with one E/S	EA	7.00		Included
9	400 kV AIS Equipments	18		420 kV, 3000A, 63KA, 1-Phase Current Transformer with 120% extended current rating	EA	15.00		Included
10	400 kV AIS Equipments	18		420 kV, 4400 pF Capacitive Voltage Transformer (1-Phase)	EA	6.00		Included
11	400 kV AIS Equipments	18		336kV Surge Arrester (1-phase)	EA	12.00		Included
12	400 kV AIS Equipments	18		420 kV, 1 phase Bus Post Insulator (except for Line Traps)	EA	14.00		Included
13	400 kV AIS Equipments	18		UPGRADATION OF EXISTING 420kV, 2000A RATED ISOLATORS TO 3150A CURRENT RATING BY REPLACING THE CURRENT CARRYING PARTS ETC.	SET	7.00		Included
14	145kV Equipment	18		145kV, 1250A, 31.5KA Circuit Breakers(1-Phase) with support structure	EA	2.00		Included
15	C&R Panels	18		Control panel for 400kV Diameter (For One-half Breaker Scheme) with BCU	EA	1.00		Included
16	C&R Panels	18		400kV CIRCUIT BREAKER RELAY PANEL	EA	4.00		Included
17	C&R Panels	18		400kV Reactor Protection Panel	EA	2.00		Included
18	C&R Panels	18		Augmentation of existing 400kV bus bar protection scheme	SET	1.00		Included
19	Erection Hardware (Excl H.Ftg.)	18		UPGRADATION OF EXISTING TWIN MOOSE JACK-BUS & DROPPERS (INCLUDING ASSOCIATED HARDWARE LIKE CLAMPS, CONNECTORS, TERMINAL CONNECTORS ETC.) TO QUAD MOOSE FOR EXISTING DIAMETER USED FOR LINEFEEDER BAY EXTENSION UNDER	SET	1.00		Included
20	Erection Hardware (Excl H.Ftg.)	18		Erection Hardware for 400kV I type layout-Line Reactor including NGR bypass arrangement as per technical specification	SET	2.00		Included
21	Erection Hardware (Excl H.Ftg.)	18		Erection Hardware for 400kV I type layout-Line bay as per technical specification	SET	1.00		Included
22	Erection Hardware (Excl H.Ftg.)	18		Erection Hardware for 400kV I type layout-Spare bay of half dia as per technical specification	SET	1.00		Included
23	Erection Hardware (H.Ftg.)	18		400KV TENSION INSULATOR STRING AND ASSOCIATED HARDWARE FITTINGS WITHOUT TURN BUCKLE SUITABLE FOR QUAD CONDUCTOR	EA	18.00		Included
24	Erection Hardware (H.Ftg.)	18		400KV TENSION INSULATOR STRING AND ASSOCIATED HARDWARE FITTINGS WITH TURN BUCKLE SUITABLE FOR QUAD CONDUCTOR	EA	18.00		Included
25	Erection Hardware (H.Ftg.)	18		400KV SUSPENSION INSULATOR STRING AND ASSOCIATED HARDWARE FITTINGS WITH DROP CLAMP SUITABLE FOR QUAD CONDUCTOR	EA	18.00		Included
26	Erection Hardware (H.Ftg.)	18		400KV SUSPENSION INSULATOR STRING AND ASSOCIATED HARDWARE FITTINGS WITH THROUGH CLAMP SUITABLE FOR QUAD CONDUCTOR	EA	6.00		Included
27	Erection Hardware (H.Ftg.)	18		400KV TENSION INSULATOR STRING AND ASSOCIATED HARDWARE FITTINGS WITHOUT TURN BUCKLE SUITABLE FOR TWIN CONDUCTOR	EA	6.00		Included
28	PLCC Equipments	18		400kV,3150A,0.5mH,63kA Line Trap	EA	4.00		Included
29	PLCC Equipments	18		420 kV ,1 phase Bus Post Insulators for Line Traps	EA	12.00		Included
30	PLCC Equipments	18		Analog Protection Coupler for PLCC	EA	2.00		Included
31	PLCC Equipments	18		Coupling device for PLCC	SET	2.00		Included
32	PLCC Equipments	18		Carrier Equipment Analog type (for Speech+Data & Digital Protection Coupler	EA	2.00		Included
33	PLCC Equipments	18		Digital Protection Coupler	EA	2.00		Included
34	PLCC Equipments	18		HF CABLE 75 OHMS FOR PLCC	KM	1.50		Included
35	PLCC Equipments	18		4wire telephone equipment	EA	2.00		Included
36	ILLUMINATION (DETAILED)	18		Lighting Panel type ACP-2 as per technical specification	EA	1.00		Included
37	ILLUMINATION (DETAILED)	18		Sub Lighting panel (outdoor) type SLP (Switchyard and Street Lighting)	EA	2.00		Included
38	ILLUMINATION (DETAILED)	18		LED FLOOD LIGHT LUMINAIRE TYPE FL-1 (150W) AS PER TECHNICAL SPECIFICATION	EA	12.00		Included
39	ILLUMINATION (DETAILED)	18		LIGHTING FIXTURE LED LUMINAIRE TYPE FL2 AS PER TECH. SPECIFICATIONS	EA	2.00		Included
40	ILLUMINATION (DETAILED)	18		Illumination System for switchyard panel room of 6 m length	LS	1.00		Included
41	ILLUMINATION (DETAILED)	18		Outdoor Power Receptacle for oil filtration unit (250A)	EA	2.00		Included
42	Air Conditioning (SPR)	28		Air conditioning system for Switchyard Panel Room of 6m length	SET	1.00		Included
44	Steel structure	18		EQUIPMENT STRUCTURE INCLUDING FOUNDATION BOLT-400KV ISOLATOR (3PH)	EA	7.00		Included
45	Steel structure	18		EQUIPMENT STRUCTURE INCLUDING FOUNDATION BOLT-400KV CVT (1PH)	EA	6.00		Included
46	Steel structure	18		EQUIPMENT STRUCTURE INCLUDING FOUNDATION BOLT-400KV BPI (1PH)	EA	14.00		Included
47	Steel structure	18		EQUIPMENT STRUCTURE INCLUDING FOUNDATION BOLT-400KV WAVE TRAP (1PH)	EA	4.00		Included
48	Steel structure	18		EQUIPMENT STRUCTURE INCLUDING FOUNDATION BOLT-400KV CLASS SA (1PH)	EA	12.00		Included
49	Steel structure	18		EQUIPMENT STRUCTURE INCLUDING FOUNDATION BOLT-400KV CT (1PH)	EA	6.00		Included
50	Steel structure	18		Fabricated Stool Structure for Current Transformer	EA	9.00		Included
51	Steel structure	18		GANTRY STRUCTURE FOR TERMINATION OF 400KV LINE BAY	SET	2.00		Included
52	FIRE PROTECTION	18		H/W SPRAY SYSTEM, HYDRANT SYSTEM AND COMPLETE U/G & O/G PIPING AND ACCESSORIES ETC. OUT SIDE THE PUMP HOUSE FOR 420KV 3 PHASE SUBSTATION INCLUDING NGR	SET	2.00		Included
53	FIRE PROTECTION	18		4.5 kg CO2 type Portable Fire extinguisher	EA	1.00		Included
54	FIRE PROTECTION	18		Fire Detection and Alarm System for Switchyard Panel Room of 6	SET	1.00		Included
55	power & control cable (LS)	18		1.1KV GRADE 3CX2.5 SQMM CONTROL CABLE	KM	1.30		Included
56	power & control cable (LS)	18		1.1KV GRADE 5CX2.5 SQMM CONTROL CABLE	KM	3.60		Included
57	power & control cable (LS)	18		1.1KV GRADE 10CX2.5 SQMM CONTROL CABLE	KM	1.60		Included
58	power & control cable (LS)	18		1.1KV GRADE 18CX1.5 SQMM CONTROL CABLE	KM	1.40		Included
59	power & control cable (LS)	18		1.1KV GRADE 27CX1.5 SQMM CONTROL CABLE	KM	0.40		Included
60	power & control cable (LS)	18		4PAIR, 0.5 SQMM SCREENED CABLE	KM	0.50		Included
61	power & control cable (LS)	18		1.1KV GRADE 3.5CX300 SQMM (XLPE) POWER CABLE	KM	0.30		Included
62	power & control cable (LS)	18		1.1KV GRADE 3.5CX70 SQMM (PVC) POWER CABLE	KM	1.10		Included
63	power & control cable (LS)	18		1.1KV GRADE 3.5CX35 SQMM (PVC) POWER CABLE	KM	0.20		Included
64	power & control cable (LS)	18		1.1KV GRADE 4CX16 SQMM (PVC) POWER CABLE	KM	0.80		Included
65	power & control cable (LS)	18		1.1KV GRADE 2CX8 SQMM (PVC) POWER CABLE	KM	1.30		Included
66	power & control cable (LS)	18		1.1KV GRADE 4CX8 SQMM (PVC) POWER CABLE	KM	1.90		Included
67	MANDATORY SPARES	18		Spares for 420kV Circuit Breaker	LS	1.00		Included
68	MANDATORY SPARES	18		Spares for 420kV Double break Isolator	LS	1.00		Included
69	MANDATORY SPARES	18		Spare-420kV CT 1	SET	1.00		Included
70	MANDATORY SPARES	18		Spare-420kV CVT 1	SET	1.00		Included
71	MANDATORY SPARES	18		SPARES FOR 336kV SURGE ARRESTER	LS	1.00		Included
72	MANDATORY SPARES	18		Spare-420kV BPI	SET	1.00		Included
73	MANDATORY SPARES	18		Spare-PLCC	SET	1.00		Included
74	MANDATORY SPARES	18		SPARES FOR CLAMPS & CONNECTORS	LOT	1.00		Included
75	MANDATORY SPARES	18		Power and Control Cables	LS	1.00		Included
76	MANDATORY SPARES	18		Spares for 420kV Shunt Reactor	LS	1.00		Included

All Prices are in Indian Rupees.

Sl. No.	Activity Description	Rate of GST applicable (in %)	Whether rate of GST in column '4' is confirmed. If not indicate applicable rate of GST *	Item Description	Unit	Qty.	Unit Ex-works price (excluding GST)	Total Ex-works price (excluding GST)
1	2	3	4	5	6	7	8	9=7X8
77	MANDATORY SPARES	18		Spare-C & R Panel	SET	1.00		Included
78	PMU for Rampura (Kashipur) S/s	18		PMU with GPS Clock (clock can be either internal or external)	EA	2.00		Included
79	PMU for Rampura (Kashipur) S/s	18		WAMS Hardware - Time System (GPS receiver)	EA	2.00		Included
80	PMU for Rampura (Kashipur) S/s	18		WAMS Hardware - Substation Grade Layer-3 LAN Switches with minimum 4 x10/100 Mbps Ethernet ports and 2 x 1 Gbps Ethernet ports	EA	3.00		Included
81	PMU for Rampura (Kashipur) S/s	18		WAMS Miscellaneous - Armored Fibre Optic Cable and associated termination (e.g. L2 Switch) for connecting PMU panels located indifferent	EA	1.00		Included
82	Telecom Eqpt Supply at Rampura(Kashipur)	18		SDH EQUIPMENT (STM-16 MADM UPTO 5 MSP PROTECTED DIRECTIONS)-BASEEQUIPMENT (COMMON CARDS, CROSS CONNECT/CONTROL CARDS, OPTICAL BASECARDS, POWER SUPPLY CARDS, POWER CABLING, OTHER HARDWARE ANDACCESSORIES INCLUDING SUB RACKS, PATCH CORD, DDF ETC FULLY EQUIPEDEXCLUDING OPTICAL INTERFACE & TRIBUTARY CARDS	EA	1.00		Included
83	Telecom Eqpt Supply at Rampura(Kashipur)	18		S16.1 SFP	EA	4.00		Included
84	Telecom Eqpt Supply at Rampura(Kashipur)	18		OPTICAL INTERFACE CARD (TO SUPPORT MINIMUM 225 KMS) FOR STM-16	EA	2.00		Included
85	Telecom Eqpt Supply at Rampura(Kashipur)	18		TRIBUTARY INTERFACE- E1 INTERFACE (MINIMUM 16 NOS.)	SET	2.00		Included

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Sl. No.	Activity Description	Rate of GST applicable (in %)	Whether rate of GST in column '4' is confirmed. If not indicate applicable rate of GST *	Item Description	Unit	Qty.	Unit Ex-works price (excluding GST)	Total Ex-works price (excluding GST)
1	2	3	4	5	6	7	8	9=7X8
86	Telecom Eqpt Supply at Rampura(Kashipur)	18		ETHERNET INTERFACE 10/100 BASE T WITH LAYER-2 SWITCHING (MIN 8INTERFACES PER CARD)	EA	2.00		Included
87	Telecom Eqpt Supply at Rampura(Kashipur)	18		TRIBUTARY INTERFACE-GIGABIT ETHERNET INTERFACES 10/100 MBPS WITH LAYER-2 SWITCHING (MINIMUM 2 NOS.)	SET	1.00		Included
88	Telecom Eqpt Supply at Rampura(Kashipur)	18		Equipment Cabinets For SDH	EA	1.00		Included
89	Telecom Eqpt Supply at Rampura(Kashipur)	18		VOIP TELEPHONE INSTRUMENT WITH ONE COMMON SWITCH (MIN. 8 PORT)	EA	4.00		Included
90	Telecom Eqpt Supply at Rampura(Kashipur)	18		24F (DWSM) APPROACH FIBRE OPTIC CABLE INCLUDING ALL INSTALLATIONHARDWARE SET	KM	1.00		Included
91	Telecom Eqpt Supply at Rampura(Kashipur)	18		OPGW Fibre Optic Distribution Panel (FODP): Indoor Type: 96F	EA	1.00		Included
II	Extn of 400kV Khandukhal (Srinagar) S/s							
1	400 kV AIS Equipments	18		420kV, 3150A, 40kA Circuit Breaker(3-Phase) without closing resistor(with support structure)	EA	3.00		Included
2	400 kV AIS Equipments	18		420 kV, 3000A, 40KA, 1-Phase CurrentTransformer with 120% extended currentrating	EA	9.00		Included
3	400 kV AIS Equipments	18		420 kV, 4400 pF Capacitive Voltage Transformer (1-Phase)	EA	6.00		Included
4	400 kV AIS Equipments	18		336kV Surge Arrester (1-phase)	EA	6.00		Included
5	400 kV AIS Equipments	18		UPGRADATION OF EXISTING 420KV, 2000A RATED ISOLATORS TO 3150A CURRENTRATING BY REPLACING THE CURRENT CARRYING PARTS ETC.	SET	11.00		Included
6	Erection Hardware (Excl H.Ftg.)	18		UPGRADATION OF EXISTING DMT 400KV LINE BAY (INCLUDING ASSOCIATEDHARDWARE LIKE IPS TUBE, CLAMPS, CONNECTORS, TERMINAL CONNECTORS,DROPPERS ETC.) UNDER PRESENT SCOPE FOR 3150A RATING.	SET	2.00		Included
7	Erection Hardware (Excl H.Ftg.)	18		UPGRADATION OF EXISTING TBC 400KV TBC BAY (INCLUDING ASSOCIATEDHARDWARE LIKE IPS TUBE, CLAMPS, CONNECTORS, TERMINAL CONNECTORS,DROPPERS ETC.) UNDER PRESENT SCOPE FOR 3150A RATING.	SET	1.00		Included
8	Erection Hardware (Excl H.Ftg.)	18		RECONDUCTORING OF 400KV TRANSFER BUS AS PER TECHNICAL SPECIFICATION	SET	1.00		Included
9	Erection Hardware (H.Ftg.)	18		400KV SUSPENSION INSULATOR STRING AND ASSOCIATED HARDWARE FITTINGSWITH DROP CLAMP SUITABLE FOR QUAD CONDUCTOR	EA	2.00		Included
10	Erection Hardware (H.Ftg.)	18		400KV TENSION INSULATOR STRING AND ASSOCIATED HARDWARE FITTINGSWITHOUT TURN BUCKLE SUITABLE FOR TWIN CONDUCTOR	EA	6.00		Included
11	PLCC Equipments	18		400kV,3150A,0.5mH , 40kA Line Trap	EA	4.00		Included
12	PLCC Equipments	18		420 kV ,1 phase Bus Post Insulators for Line Traps	EA	12.00		Included
13	PLCC Equipments	18		Analog Protection Coupler for PLCC	EA	2.00		Included
14	PLCC Equipments	18		Coupling device for PLCC	SET	2.00		Included
15	PLCC Equipments	18		Carrier Equipment Analog type (for Speech+Data &	EA	2.00		Included
16	PLCC Equipments	18		Digital Protection Coupler	EA	2.00		Included
17	PLCC Equipments	18		HF CABLE 75 OHMS FOR PLCC	KM	1.50		Included
18	PLCC Equipments	18		4wire telephone equipment	EA	2.00		Included
19	Steel structure	18		EQUIPMENT STRUCTURE INCLUDING FOUNDATION BOLT-400KV WAVE TRAP (1PH)	EA	4.00		Included
20	Steel structure	18		Fabricated Stool Structure for Current Transformer	EA	6.00		Included
21	Cables	18		1.1KV GRADE 3CX2.5 SQMM CONTROL CABLE	KM	0.20		Included
22	Cables	18		1.1KV GRADE 10CX2.5 SQMM CONTROL CABLE	KM	0.50		Included
23	Cables	18		1.1KV GRADE 19CX1.5 SQMM CONTROL CABLE	KM	0.50		Included
24	Cables	18		1.1KV GRADE 27CX1.5 SQMM CONTROL CABLE	KM	0.50		Included
25	Cables	18		1.1KV GRADE 4CX6 SQMM (PVC) POWER CABLE	KM	0.20		Included
26	MANDATORY SPARES	18		Spares for 420kV Circuit Breaker	LS	1.00		Included
27	MANDATORY SPARES	18		Spare-420kV CT 1	SET	1.00		Included
28	MANDATORY SPARES	18		SPARES FOR 336KV SURGE ARRESTER	LS	1.00		Included
29	MANDATORY SPARES	18		Spare-PLCC	SET	1.00		Included
30	MANDATORY SPARES	18		SPARES FOR CLAMPS & CONNECTORS	LOT	1.00		Included
31	MANDATORY SPARES	18		Spare-420kV CVT 1	SET	1.00		Included
32	PMU for Khanukhal (Srinagar)	18		PMU with GPS Clock (clock can be either internal or external)	EA	2.00		Included
33	PMU for Khanukhal (Srinagar)	18		WAMS Hardware - Time System (GPS receiver)	EA	2.00		Included
34	PMU for Khanukhal (Srinagar)	18		WAMS Hardware - Substation Grade Layer-3 LAN Switches with minimum 4 x10/100 Mbps Ethernet ports and 2 x 1 Gbps Ethernet ports	EA	3.00		Included

[illegible]

All Prices are in Indian Rupees.

Sl. No.	Activity Description	Material Code	HSN Code	Whether HSN in column '2' is confirmed. If not indicate applicable the HSN code *	Rate of GST applicable (in %)	Whether rate of GST in column '4' is confirmed. If not indicate applicable rate of GST *	Item Description	Unit	Qty.	Unit Ex-works price (excluding GST)	Total Ex-works price (excluding GST)
1	2	3	4	5	6	7	8	9	10	11	12= 10 x 11
					Total Ex-works Price			-			
					Total Type Test charges as per Schedule-7			Not Applicable			
					Total Ex-works Price including Type Test charges			0.00			
					Total GST Tax as confirmed by Bidder			0.00			

Bidder's Name and Address (Sole Bidder) :
Contracts Services, 3rd Floor
Name :

To:

KRTL,
2nd Floor, Niryat Bhawan,
Rao Tularam Marg,
Vasanth Vihar, Opposite Hospital & Referral,
New Delhi – 110 057, INDIA

Address :

[SCHEDULE OF RATES AND PRICES]

Specification No.: Specification No. -KRTL/TCB/400kV/ Khandukhal & Rampura/G1

Dated:.....

SC/0000 - 2

Construction of "400kV Khandukhal (Srinagar)-Rampura (Kashipur) D/c line" – 194 Km with Twin HTLS conductor along with associated 400kV AIS S/S Extension Package SS01 for (i) Extn. of 400kV Rampura (Kashipur) S/S including 400kV class Line Reactor and (ii) Extn. of 400kV Khandukhal (Srinagar) S/S" under Turnkey basis – Bids invited by M/s. Khandukhal–Rampura Transmission Limited (hereafter referred as KRTL)

All Prices are in Indian Rupees.

Sl. No.	Activity Description	Item Description	Unit	Qty.	Unit F&I price	Total F&I price
1	2	3	4	5	6	7=5X6
1	Extn of 400kV Rampura (Kashipur)					
1	80MVAR Reactor	80 MVAR,420kV,3-phase Shunt Reactor excluding Insulating Oil	EA	2.00		Included
2	80MVAR Reactor	Insulating Oil for 80 MVAR,420kV ,3-phase Shunt Reactor with associated NGR	SET	2.00		Included
3	80MVAR Reactor	Oil filled Neutral Grounding Reactor (NGR) along with support structure & terminal connector	EA	2.00		Included
4	80MVAR Reactor	Insulating Oil for NGR	SET	2.00		Included
5	80MVAR Reactor	120kV Surge Arrester along with support structure & terminal	SET	2.00		Included
6	400 kV AIS Equipments	420kV, 3150A, 63KA Circuit Breaker (3-Phase) without closing resistor and with Support Structure	EA	7.00		Included
7	400 kV AIS Equipments	Controlled Switching Device for 420 kV, 3-ph Circuit Breaker	EA	2.00		Included
8	400 kV AIS Equipments	420kV, 3150A, 63KA, Isolator (3-phase)(Double Break) with one E/S	EA	7.00		Included
9	400 kV AIS Equipments	420 kV, 3000A, 63KA, 1-Phase Current Transformer with 120% extended current rating	EA	15.00		Included
10	400 kV AIS Equipments	420 kV, 4400 pF Capacitive Voltage Transformer (1-Phase)	EA	6.00		Included
11	400 kV AIS Equipments	336kV Surge Arrester (1-phase)	EA	12.00		Included
12	400 kV AIS Equipments	420 kV, 1 phase Bus Post Insulator (except for Line Traps)	EA	14.00		Included
13	400 kV AIS Equipments	UPGRADATION OF EXISTING 420kV, 2000A RATED ISOLATORS TO 3150A CURRENT RATING BY REPLACING THE CURRENT CARRYING	SET	7.00		Included
14	145kV Equipment	145kV, 1250A, 31.5KA Circuit Breakers(1-Phase) with support structure	EA	2.00		Included
15	C&R Panels	Control panel for 400kV Diameter (For One-half Breaker Scheme)	EA	1.00		Included
16	C&R Panels	400kV CIRCUIT BREAKER RELAY PANEL	EA	4.00		Included
17	C&R Panels	400kV Reactor Protection Panel	EA	2.00		Included
18	C&R Panels	Augmentation of existing 400kV bus bar protection scheme	SET	1.00		Included
19	Erection Hardware (Excl H.Fig.)	UPGRADATION OF EXISTING TWIN MOOSE JACK-BUS & DROPPERS (INCLUDING ASSOCIATED HARDWARE LIKE CLAMPS, CONNECTORS, TERMINAL CONNECTORS ETC.) TO QUAD MOOSE FOR EXISTING DIAMETER USED FOR LINE FEEDER BAY EXTENSION UNDER	SET	1.00		Included
20	Erection Hardware (Excl H.Fig.)	Erection Hardware for 400kV I type layout-Line Reactor including NGR bypass arrangement as per technical specification	SET	2.00		Included
21	Erection Hardware (Excl H.Fig.)	Erection Hardware for 400kV I type layout-Line bay as per technical specification	SET	1.00		Included
22	Erection Hardware (Excl H.Fig.)	Erection Hardware for 400kV I type layout-Spare bay of half dia as per technical specification	SET	1.00		Included
23	Erection Hardware (H.Fig.)	400KV TENSION INSULATOR STRING AND ASSOCIATED HARDWARE FITTINGS WITHOUT TURN BUCKLE SUITABLE FOR	EA	18.00		Included
24	Erection Hardware (H.Fig.)	400KV TENSION INSULATOR STRING AND ASSOCIATED HARDWARE FITTINGS WITH TURN BUCKLE SUITABLE FOR QUAD	EA	18.00		Included
25	Erection Hardware (H.Fig.)	400KV SUSPENSION INSULATOR STRING AND ASSOCIATED HARDWARE FITTINGS WITH DROP CLAMP SUITABLE FOR QUAD	EA	18.00		Included
26	Erection Hardware (H.Fig.)	400KV SUSPENSION INSULATOR STRING AND ASSOCIATED HARDWARE FITTINGS WITH THROUGH CLAMP SUITABLE FOR QUAD	EA	6.00		Included
27	Erection Hardware (H.Fig.)	400KV TENSION INSULATOR STRING AND ASSOCIATED HARDWARE FITTINGS WITHOUT TURN BUCKLE SUITABLE FOR	EA	6.00		Included
28	PLCC Equipments	400KV,3150A,0.5mH, 63KA Line Trap	EA	4.00		Included
29	PLCC Equipments	420 kV, 1 phase Bus Post Insulators for Line Traps	EA	12.00		Included
30	PLCC Equipments	Analog Protection Coupler for PLCC	EA	2.00		Included
31	PLCC Equipments	Coupling device for PLCC	SET	2.00		Included
32	PLCC Equipments	Carrier Equipment Analog type (for Speech+Data & Speech+Protection)	EA	2.00		Included
33	PLCC Equipments	Digital Protection Coupler	EA	2.00		Included
34	PLCC Equipments	HF CABLE 75 OHMS FOR PLCC	KM	1.50		Included
35	PLCC Equipments	4wire telephone equipment	EA	2.00		Included
36	ILLUMINATION (DETAILED)	Lighting Panel type ACP-2 as per technical specification	EA	1.00		Included
37	ILLUMINATION (DETAILED)	Sub Lighting panel (outdoor) type SLP (Switchyard and Street Lighting)	EA	2.00		Included
38	ILLUMINATION (DETAILED)	LED FLOOD LIGHT LUMINAIRE TYPE FL-1 (150W) AS PER TECHNICAL SPECIFICATION	EA	12.00		Included
39	ILLUMINATION (DETAILED)	LIGHTING FIXTURE LED LUMINAIRES TYPE FL2 AS PER TECHNICAL SPECIFICATIONS	EA	2.00		Included
40	ILLUMINATION (DETAILED)	Illumination System for switchyard panel room of 6 m length	LS	1.00		Included
41	ILLUMINATION (DETAILED)	Outdoor Power Receptacle for oil filtration unit (250A)	EA	2.00		Included
42	Air Conditioning (SPR)	Air conditioning system for Switchyard Panel Room of 6m length	SET	1.00		Included
43	LT Switchgear (Extn)	EXTENSION OF LT SWITCHGEAR AS PER TECHNICAL	SET	1.00		Included
44	Steel structure	EQUIPMENT STRUCTURE INCLUDING FOUNDATION BOLT-400KV ISOLATOR (3PH)	EA	7.00		Included
45	Steel structure	EQUIPMENT STRUCTURE INCLUDING FOUNDATION BOLT-400KV CVT (1PH)	EA	6.00		Included
46	Steel structure	EQUIPMENT STRUCTURE INCLUDING FOUNDATION BOLT-400KV BPI (1PH)	EA	14.00		Included
47	Steel structure	EQUIPMENT STRUCTURE INCLUDING FOUNDATION BOLT-400KV WAVE TRAP (1PH)	EA	4.00		Included
48	Steel structure	EQUIPMENT STRUCTURE INCLUDING FOUNDATION BOLT-400KV CLASS SA (1PH)	EA	12.00		Included
49	Steel structure	EQUIPMENT STRUCTURE INCLUDING FOUNDATION BOLT-400KV CT (1PH)	EA	6.00		Included
50	Steel structure	Fabricated Stool Structure for Current Transformer	EA	9.00		Included
51	Steel structure	GANTRY STRUCTURE FOR TERMINATION OF 400KV LINE BAY	SET	2.00		Included
52	FIRE PROTECTION	HWV SPRAY SYSTEM, HYDRANT SYSTEM AND COMPLETE U/G & O/G PIPING AND ACCESSORIES ETC. OUTSIDE THE PUMP HOUSE FOR	SET	2.00		Included
53	FIRE PROTECTION	4.5 kg CO2 type Portable Fire extinguisher	EA	1.00		Included
54	FIRE PROTECTION	Fire Detection and Alarm System for Switchyard Panel Room of 6	SET	1.00		Included
55	power & control cable (LS)	1.1KV GRADE 3CX2.5 SQMM CONTROL CABLE	KM	1.30		Included
56	power & control cable (LS)	1.1KV GRADE 5CX2.5 SQMM CONTROL CABLE	KM	3.60		Included
57	power & control cable (LS)	1.1KV GRADE 10CX2.5 SQMM CONTROL CABLE	KM	1.60		Included
58	power & control cable (LS)	1.1KV GRADE 19CX1.5 SQMM CONTROL CABLE	KM	1.40		Included
59	power & control cable (LS)	1.1KV GRADE 27CX1.5 SQMM CONTROL CABLE	KM	0.40		Included
60	power & control cable (LS)	4PAIR, 0.5 SQ.MM SCREENED CABLE	KM	0.50		Included
61	power & control cable (LS)	1.1KV GRADE 3.5CX300 SQMM (XLPE) POWER CABLE	KM	0.30		Included
62	power & control cable (LS)	1.1KV GRADE 3.5CX70 SQMM (PVC) POWER CABLE	KM	1.10		Included
63	power & control cable (LS)	1.1KV GRADE 3.5CX35 SQMM (PVC) POWER CABLE	KM	0.20		Included
64	power & control cable (LS)	1.1KV GRADE 4CX16 SQMM (PVC) POWER CABLE	KM	0.80		Included
65	power & control cable (LS)	1.1KV GRADE 2CX6 SQMM (PVC) POWER CABLE	KM	1.30		Included
66	power & control cable (LS)	1.1KV GRADE 4CX6 SQMM (PVC) POWER CABLE	KM	1.90		Included
67	MANDATORY SPARES	Spares for 420kV Circuit Breaker	LS	1.00		Included
68	MANDATORY SPARES	Spares for 420kV Double break Isolator	LS	1.00		Included
69	MANDATORY SPARES	Spare-420kV CT 1	SET	1.00		Included
70	MANDATORY SPARES	Spare-420kV CVT 1	SET	1.00		Included
71	MANDATORY SPARES	SPARES FOR 336KV SURGE ARRESTER	LS	1.00		Included
72	MANDATORY SPARES	Spare-420kV BPI	SET	1.00		Included
73	MANDATORY SPARES	Spare-PLCC	SET	1.00		Included
74	MANDATORY SPARES	SPARES FOR CLAMPS & CONNECTORS	LOT	1.00		Included
75	MANDATORY SPARES	Power and Control Cables	LS	1.00		Included
76	MANDATORY SPARES	Spares for 420kV Shunt Reactor	LS	1.00		Included
77	MANDATORY SPARES	Spare-C & R Panel	SET	1.00		Included
78	PMU for Rampura (Kashipur) S/s	PMU with GPS Clock (clock can be either internal or external)	EA	2.00		Included
79	PMU for Rampura (Kashipur) S/s	WAMS Hardware - Time System (GPS receiver)	EA	2.00		Included
80	PMU for Rampura (Kashipur) S/s	WAMS Hardware - Substation Grade Layer-3 LAN Switches with minimum 4 x10/100 Mbps Ethernet ports and 2 x 1 Gbps Ethernet ports	EA	3.00		Included

81	PMU for Rampura (Kashipur) S/s	WAMS Miscellaneous - Armored Fibre Optic Cable and associated termination (e.g. L2 Switch) for connecting PMU panels located	EA	1.00		Included
82	Telecom Eqpt Supply at Rampura(Kashipur)	SDH EQUIPMENT (STM-16 MADM UPTO 5 MSP PROTECTED DIRECTIONS)- BASEEQUIPMENT (COMMON CARDS, CROSS CONNECT/CONTROL CARDS, OPTICAL BASECARDS, POWER SUPPLY CARDS, POWER CABLING, OTHER HARDWARE ANDACCESSORIES INCLUDING SUB RACKS, PATCH CORD, DDF ETC FULLY EQUIPEDEXCLUDING OPTICAL INTERFACE &	EA	1.00		Included
83	Telecom Eqpt Supply at Rampura(Kashipur)	ST6.1 SFP	EA	4.00		Included

All Prices are in Indian Rupees.

Sl. No.	Activity Description	Item Description	Unit	Qty.	Unit F&I price	Total F&I price
1	2	3	4	5	6	7=5X6
84	Telecom Eqpt Supply at Rampura(Kashipur)	OPTICAL INTERFACE CARD (TO SUPPORT MINIMUM 225 KMS) FOR STM-16	EA	2.00		Included
85	Telecom Eqpt Supply at Rampura(Kashipur)	TRIBUTARY INTERFACE- E1 INTERFACE (MINIMUM 16 NOS.)	SET	2.00		Included
86	Telecom Eqpt Supply at Rampura(Kashipur)	ETHERNET INTERFACE 10/100 BASE T WITH LAYER-2 SWITCHING (MIN 8INTERFACES PER CARD)	EA	2.00		Included
87	Telecom Eqpt Supply at Rampura(Kashipur)	TRIBUTARY INTERFACE-GIGABIT ETHERNET INTERFACES 10/100 MBPS WITH LAYER-2 SWITCHING (MINIMUM 2	SET	1.00		Included
88	Telecom Eqpt Supply at Rampura(Kashipur)	Equipment Cabinets For SDH	EA	1.00		Included
89	Telecom Eqpt Supply at Rampura(Kashipur)	VOIP TELEPHONE INSTRUMENT WITH ONE COMMON SWITCH (MIN. 8 PORT)	EA	4.00		Included
90	Telecom Eqpt Supply at Rampura(Kashipur)	24F (DWSM) APPROACH FIBRE OPTIC CABLE INCLUDING ALL INSTALLATIONHARDWARE SET	KM	1.00		Included
91	Telecom Eqpt Supply at Rampura(Kashipur)	OPGW Fibre Optic Distribution Panel (FODP): Indoor Type: 96F	EA	1.00		Included
II	Extn of 400kV Khandukhal (Srinagar) S/s					
1	400 kV AIS Equipments	420kV, 3150A, 40kA Circuit Breaker(3-Phase) without closing	EA	3.00		Included
2	400 kV AIS Equipments	420 kV, 3000A, 40KA, 1-Phase CurrentTransformer with 120%	EA	9.00		Included
3	400 kV AIS Equipments	420 kV, 4400 pF Capacitive Voltage Transformer (1-Phase)	EA	6.00		Included
4	400 kV AIS Equipments	336kV Surge Arrester (1-phase)	EA	6.00		Included
5	400 kV AIS Equipments	UPGRADATION OF EXISTING 420KV, 2000A RATED ISOLATORS	SET	11.00		Included
6	Erection Hardware (Excl H.Ftg.)	UPGRADATION OF EXISTING DMT 400KV LINE BAY (INCLUDING	SET	2.00		Included
7	Erection Hardware (Excl H.Ftg.)	ASSOCIATEDHARDWARE LIKE IPS TUBE, CLAMPS, CONNECTORS, TERMINAL	SET	1.00		Included
8	Erection Hardware (Excl H.Ftg.)	RECONDUCTORING OF 400KV TRANSFER BUS AS PER	SET	1.00		Included
9	Erection Hardware (H.Ftg.)	400KV SUSPENSION INSULATOR STRING AND ASSOCIATED	EA	2.00		Included
10	Erection Hardware (H.Ftg.)	400KV TENSION INSULATOR STRING AND ASSOCIATED	EA	6.00		Included
11	PLCC Equipments	400kV,3150A,0.5mH , 40kA Line Trap	EA	4.00		Included
12	PLCC Equipments	420 kV ,1 phase Bus Post Insulators for Line Traps	EA	12.00		Included
13	PLCC Equipments	Analog Protection Coupler for PLCC	EA	2.00		Included
14	PLCC Equipments	Coupling device for PLCC	SET	2.00		Included
15	PLCC Equipments	Carrier Equipment Analog type (for Speech+Data & Speech+Protection)	EA	2.00		Included
16	PLCC Equipments	Digital Protection Coupler	EA	2.00		Included
17	PLCC Equipments	HF CABLE 75 OHMS FOR PLCC	KM	1.50		Included
18	PLCC Equipments	4wire telephone equipment	EA	2.00		Included

19	Steel structure	EQUIPMENT STRUCTURE INCLUDING FOUNDATION BOLT-400KV	EA	4.00		Included
20	Steel structure	Fabricated Stool Structure for Current Transformer	EA	6.00		Included
21	Cables	1.1KV GRADE 3CX2.5 SQMM CONTROL CABLE	KM	0.20		Included
22	Cables	1.1KV GRADE 10CX2.5 SQMM CONTROL CABLE	KM	0.50		Included
23	Cables	1.1KV GRADE 19CX1.5 SQMM CONTROL CABLE	KM	0.50		Included
24	Cables	1.1KV GRADE 27CX1.5 SQMM CONTROL CABLE	KM	0.50		Included
25	Cables	1.1KV GRADE 4CX6 SQMM (PVC) POWER CABLE	KM	0.20		Included
26	MANDATORY SPARES	Spares for 420kV Circuit Breaker	LS	1.00		Included
27	MANDATORY SPARES	Spare-420kV CT 1	SET	1.00		Included
28	MANDATORY SPARES	SPARES FOR 336KV SURGE ARRESTER	LS	1.00		Included
29	MANDATORY SPARES	Spare-PLCC	SET	1.00		Included
30	MANDATORY SPARES	SPARES FOR CLAMPS & CONNECTORS	LOT	1.00		Included
31	MANDATORY SPARES	Spare-420kV CVT 1	SET	1.00		Included
32	PMU for Khanukhal (Srinagar)	PMU with GPS Clock (clock can be either internal or external)	EA	2.00		Included
33	PMU for Khanukhal (Srinagar)	WAMS Hardware - Time System (GPS receiver)	EA	2.00		Included
34	PMU for Khanukhal (Srinagar)	WAMS Hardware - Substation Grade Layer-3 LAN Switches with	EA	3.00		Included
35	PMU for Khanukhal (Srinagar)	WAMS Miscellaneous - Armored Fibre Optic Cable and	EA	1.00		Included
36	Tel Eqpt Supply at Khandukhal(Srinagar)	SDH EQUIPMENT (STM-16 MADM UPTO 5 MSP PROTECTED DIRECTIONS)-BASEEQUIPMENT (COMMON CARDS, CROSS	EA	1.00		Included
37	Tel Eqpt Supply at Khandukhal(Srinagar)	S16.1 SFP	EA	4.00		Included
38	Tel Eqpt Supply at Khandukhal(Srinagar)	OPTICAL INTERFACE CARD (TO SUPPORT MINIMUM 225 KMS) FOR STM-16	EA	2.00		Included
39	Tel Eqpt Supply at Khandukhal(Srinagar)	TRIBUTARY INTERFACE- E1 INTERFACE (MINIMUM 16 NOS.)	SET	2.00		Included
40	Tel Eqpt Supply at Khandukhal(Srinagar)	ETHERNET INTERFACE 10/100 BASE T WITH LAYER-2 SWITCHING (MIN 8INTERFACES PER CARD)	EA	2.00		Included
41	Tel Eqpt Supply at Khandukhal(Srinagar)	TRIBUTARY INTERFACE-GIGABIT ETHERNET INTERFACES 10/100 MBPS WITH LAYER-2 SWITCHING (MINIMUM 2	SET	1.00		Included
42	Tel Eqpt Supply at Khandukhal(Srinagar)	Equipment Cabinets For SDH	EA	1.00		Included
43	Tel Eqpt Supply at Khandukhal(Srinagar)	NMS- CRAFT TERMINAL-HARDWARE	EA	1.00		Included
44	Tel Eqpt Supply at Khandukhal(Srinagar)	Software for Craft Terminal	EA	1.00		Included
45	Tel Eqpt Supply at Khandukhal(Srinagar)	VOIP TELEPHONE INSTRUMENT WITH ONE COMMON SWITCH (MIN. 8 PORT)	EA	4.00		Included

46	Tel Eqpt Supply at Khandukhal(Srinagar)	24F (DWDM) APPROACH FIBRE OPTIC CABLE INCLUDING ALL INSTALLATIONHARDWARE SET	KM	1.00		Included
47	Tel Eqpt Supply at Khandukhal(Srinagar)	OPGW Fibre Optic Distribution Panel (FODP): Indoor Type: 96F	EA	1.00		Included
48	Tel Eqpt Spares at Khandukhal(Srinagar)	SDH EQUIPMENT (STM-16 MADM UPTO 5 MSP PROTECTED DIRECTIONS)-COMMONCARDS, CROSS-	SET	1.00		Included
49	Tel Eqpt Spares at Khandukhal(Srinagar)	S16.1 SFP	EA	1.00		Included
50	Tel Eqpt Spares at Khandukhal(Srinagar)	OPTICAL INTERFACE CARD (TO SUPPORT MINIMUM 225 KMS) FOR STM-16	EA	1.00		Included
51	Tel Eqpt Spares at Khandukhal(Srinagar)	TRIBUTARY INTERFACE- E1 INTERFACE (MINIMUM 16 NOS.)	SET	1.00		Included
52	Tel Eqpt Spares at Khandukhal(Srinagar)	ETHERNET INTERFACE 10/100 BASE T WITH LAYER-2 SWITCHING (MIN 8INTERFACES PER CARD)	EA	1.00		Included
53	Tel Eqpt Spares at Khandukhal(Srinagar)	TRIBUTARY INTERFACE-GIGABIT ETHERNET INTERFACES 10/100 MBPS WITH LAYER-2 SWITCHING (MINIMUM 2	SET	1.00		Included
54	Tel Eqpt Spares at Khandukhal(Srinagar)	VOIP TELEPHONE INSTRUMENT WITH ONE COMMON SWITCH (MIN. 8 PORT)	EA	1.00		Included
55	Tel Eqpt Spares at Khandukhal(Srinagar)	PRE CONNECTORIZED OPTICAL FIBER PATCH CORDS(10 MTRS) æ" PACK OF SIXPATCH CORDS	SET	1.00		Included
229	Tel Eqpt Spares at Khandukhal(Srinagar)	24F (DWDM) APPROACH FIBRE OPTIC CABLE INCLUDING ALL INSTALLATIONHARDWARE SET	KM	1.00		Included
Total F&I Price						-

Date : --

Printed Name :

Construction of "400kV Khandukhal (Srinagar)- Rampura (Kashipur) D/c line" – 194 Km with Twin HTLS conductor along with associated 400kV AIS S/S Extension Package SS01 for (i) Extn. of 400kV Rampura (Kashipur) S/S including 400kV class Line Reactor and (ii) Extn. of 400kV Khandukhal (Srinagar) S/S" under Turnkey basis – Bids invited by M/s. Khandukhal –Rampura Transmission Limited (hereafter referred as KRTL)

(SCHEDULE OF RATES AND PRICES)

Bidder's Name and Address (Sole Bidder) :

To:

Name :
Address :

KRTL
2nd Floor, Niryat Bhawan, Rao Tularam Marg,
Vasanth Vihar, Opposite Army Hospital & Referral,
New Delhi – 110 057, INDIA

Installation Charges :

All Prices are in Indian Rupees.

Sl. No.	Activity Description	Rate of GST applicable (in %)	Whether rate of GST in column '4' is confirmed. If not indicate applicable rate of GST *	Description	Unit	Quantity	Unit Erection Charges	Total Erection Charges
1	2	3	4	5	6	7	8	9=7X8
1	Extn of 400kV Rampura							
1	80MVAR Reactor	18		80 MVAR,420kV,3-phase Shunt Reactor excluding Insulating Oil	EA	2.00		Included
2	80MVAR Reactor	18		Insulating Oil for 80 MVAR,420kV ,3-phase Shunt Reactor with associated NGR	SET	2.00		Included
3	80MVAR Reactor	18		Oil filled Neutral Grounding Reactor (NGR) along with support structure & terminal connector	SET	2.00		Included
4	80MVAR Reactor	18		Insulating oil for above mentioned NGR (As per technical	LS	2.00		Included
5	80MVAR Reactor	18		120 kV Surge Arrester along with support structure & terminal	EA	2.00		Included
6	400kV AIS Equipments	18		Controlled Switching Device for 420 kV, 3-ph Circuit Breaker	EA	2.00		Included
7	400kV AIS Equipments	18		Up gradation of existing 420kV, 2000A rated Isolators to 3150A current rating by replacing the current carrying parts etc.	SET	7.00		Included
8	400kV AIS Equipments	18		Dismantling & re-erection of 400kV BPI	EA	3.00		Included
9	400kV AIS Equipments	18		Dismantling of 400kV CT	EA	9.00		Included
10	400kV AIS Equipments	18		420kV, 3150A, 63KA Circuit Breaker(3-Phase) with closing resistor(withsupport structure)	EA	7.00		Included
11	400kV AIS Equipments	18		420 kV, 3000A, 63KA, 1-Phase CurrentTransformer with 120% extended current rating	EA	15.00		Included
12	400kV AIS Equipments	18		420 kV, 4400 pF Capacitive Voltage Transformer (1-Phase)	EA	6.00		Included
13	400kV AIS Equipments	18		420kV, 3150A, 63KA, Isolator (3-phase)(Double Break) with one	EA	7.00		Included
14	400kV AIS Equipments	18		336kV Surge Arrester (1-phase)	EA	12.00		Included
15	400kV AIS Equipments	18		420kV, 1-PHASE BUS POST INSULATORS	EA	14.00		Included
16	400kV AIS Equipments	18		Dismantling of 400kV CB	EA	3.00		Included
17	400kV AIS Equipments	18		Dismantling of Lattice/Pipe Support Structure for 400kV CVT (1-	EA	6.00		Included
18	400kV AIS Equipments	18		Dismantling of Lattice/Pipe Support Structure for 400kV WT(3 No.	EA	4.00		Included
19	400kV AIS Equipments	18		Dismantling of Lattice/Pipe Support Structure for 400kV SA (1-	EA	6.00		Included
20	400kV AIS Equipments	18		Dismantling of 400kV SA	EA	6.00		Included
21	400kV AIS Equipments	18		DISMANTLING & STORING of Wave traps (voltage level as per TS-Section project)	EA	4.00		Included
22	145kV Equipment	18		145kV, 1250A, 31.5KA Circuit Breakers(1-Phase) with support	EA	2.00		Included
23	C&R Panels	18		400kV Reactor Protection Panel	EA	2.00		Included
24	C&R Panels	18		Augmentation of existing 400kV bus bar protection scheme	SET	1.00		Included
25	C&R Panels	18		400kV Circuit Breaker Relay Panel	EA	4.00		Included
26	C&R Panels	18		Control panel for 400kV Diameter (For One-half Breaker Scheme) with BCU	EA	1.00		Included
27	Erection Hardware (Excl H.Ftg.)	18		Erection Hardware for 400kV I type layout-Line bay as per specification	SET	1.00		Included
28	Erection Hardware (Excl H.Ftg.)	18		Erection Hardware for 400kV I type layout-Line Reactor as per specification	SET	2.00		Included
29	Erection Hardware (Excl H.Ftg.)	18		Erection Hardware for 400kV I type layout-Spare bay of half dia as per specification	SET	1.00		Included
30	Erection Hardware (Excl H.Ftg.)	18		Upgradation of existing twin moose Jack-Bus & droppers (including associated hardware like Clamps, connectors, terminalconnectorsetc.) to Quad Moose for existing diameter used	SET	1.00		Included
31	Erection Hardware (H.Ftg.)	18		400KV TENSION INSULATOR STRING AND ASSOCIATED HARDWARE FITTINGS WITHOUT TURN BUCKLE SUITABLE	EA	18.00		Included
32	Erection Hardware (H.Ftg.)	18		400KV TENSION INSULATOR STRING AND ASSOCIATED HARDWARE FITTINGS WITH TURN BUCKLE SUITABLE FOR	EA	18.00		Included
33	Erection Hardware (H.Ftg.)	18		400KV TENSION INSULATOR STRING AND ASSOCIATED HARDWARE FITTINGS WITHOUT TURN BUCKLE SUITABLE	EA	6.00		Included
34	Erection Hardware (H.Ftg.)	18		400KV SUSPENSION INSULATOR STRING AND ASSOCIATED HARDWARE FITTINGS WITH DROP CLAMP SUITABLE FOR	EA	18.00		Included
35	Erection Hardware (H.Ftg.)	18		400KV SUSPENSION INSULATOR STRING AND ASSOCIATED HARDWARE FITTINGS WITH THROUGH CLAMP SUITABLE FOR	EA	6.00		Included
36	PLCC Equipments	18		420 kV , 1 phase Bus Post Insulators for Line Traps	EA	12.00		Included
37	PLCC Equipments	18		400kV,3150A,0.5mH ,63kA Line Trap	EA	4.00		Included
38	PLCC Equipments	18		Coupling device for PLCC	EA	2.00		Included
39	PLCC Equipments	18		Carrier Equipment Analog type (for Speech+Data &	EA	2.00		Included
40	PLCC Equipments	18		Protection Coupler (Analog)	EA	2.00		Included
41	PLCC Equipments	18		Digital Protection Coupler	EA	2.00		Included
42	PLCC Equipments	18		4-WIRE TELEPHONE	EA	2.00		Included
43	PLCC Equipments	18		HF CABLE FOR PLCC-75 OHM (KM)	KM	1.50		Included
44	ILLUMINATION	18		Lighting Panel type ACP-2 as per technical specification	EA	1.00		Included
45	ILLUMINATION	18		Sub Lighting panel (outdoor) type SLP (Switchyard and Street	EA	2.00		Included
46	ILLUMINATION	18		LED Flood Light Luminaries Type-FL-1 as per technical specification	EA	12.00		Included

47	ILLUMINATION (DETAILED)	18		LED Flood Light Luminaries Type FL-2 (250W) as per technical specification	EA	2.00		Included
48	ILLUMINATION	18		Illumination System for switchyard panel room of 6 m length	SET	1.00		Included
49	ILLUMINATION	18		Outdoor Power Receptacle for oilfiltration unit (250A)	EA	2.00		Included
50	Air Conditioning (SPR)	18		Air conditioning system for Switchyard Panel Room of 6m length	SET	1.00		Included
51	LT Switchgear (Extn)	18		Extension of LT Switchgear as per technical Specification	SET	1.00		Included
52	Steel structure - Erection	18		Equipment Structure including Foundation bolt-400kV CVT (1Ph)	EA	6.00		Included
53	Steel structure - Erection	18		Equipment Structure including Foundation bolt-400kV Isolator (3Ph)	EA	7.00		Included
54	Steel structure - Erection	18		Equipment Structure including Foundation bolt-400kV class SA	EA	12.00		Included
55	Steel structure - Erection	18		Equipment Structure including Foundation bolt-400kV BPI (1Ph)	EA	14.00		Included
56	Steel structure - Erection	18		Equipment Structure including Foundation bolt-400kV Wave Trap	EA	4.00		Included
57	Steel structure - Erection	18		Equipment Structure including Foundation bolt-400kV CT (1Ph)	EA	6.00		Included
58	Steel structure - Erection	18		Pipe Structure Stool for 400kV CT-Erection	EA	9.00		Included
59	Steel structure - Erection	18		Gantry Structure for termination of 400kV Line Bay	SET	2.00		Included
60	FIRE PROTECTION	18		HVV spray system, Hydrant system and complete U/G & O/G piping and accessories etc. out side the pump house for 420kV 3 phase	SET	2.00		Included
61	FIRE PROTECTION	18		4.5 kg CO2 type Portable Fire extinguisher	EA	1.00		Included
62	FIRE PROTECTION	18		Fire Detection and Alarm System for Switchyard Panel Room of 6 m length	SET	1.00		Included
63	power & control cable (LS)	18		1.1kV grade Control Cables (PVCinsulated) along withlugs,glands,straight joints &accessories,etc.	LS	1.00		Included
64	power & control cable (LS)	18		1.1kV grade Power Cables (PVCinsulated)along withlugs,glands,straight joints &accessories,etc.	LS	1.00		Included
65	power & control cable (LS)	18		1.1kV grade Power Cables (XLPEinsulated) along withlugs,glands,straight joints &accessories,etc.	LS	1.00		Included
66	PMU for Rampura (Kashipur) S/s	18		Service:- Phasor Measurement Unit (PMU)	EA	2.00		Included
67	PMU for Rampura (Kashipur) S/s	18		WAMS TIME SYSTEM(GPS RECEIVER)	EA	2.00		Included

Installation Charges :

All Prices are in Indian Rupees.

Sl. No.	Activity Description	Rate of GST applicable (in %)	Whether rate of GST in column '4' is confirmed. If not indicate applicable rate of GST *	Description	Unit	Quantity	Unit Erection Charges	Total Erection Charges
1	2	3	4	5	6	7	8	9=7X8
68	PMU for Rampura (Kashipur) S/s	18		Installation of Substation Grade Layer-3 LAN Switches as per	EA	3.00		Included
69	PMU for Rampura (Kashipur) S/s	18		Services:- Armored Fibre Optic Cable and associated termination	LOT	1.00		Included
70	PMU for Rampura (Kashipur) S/s	18		Integration of PMU with the PDC (Phasor Data Concentrator) of	LOT	1.00		Included
71	Telecom Eqpt Serv at Rampura(Kashipur)	18		SDH Equipment (STM-16 MADM upto 5 MSP protected directions)- Base Equipment	EA	1.00		Included
72	Telecom Eqpt Serv at Rampura(Kashipur)	18		Optical Interface Cards/SFP# -S16.1 for SDH Equipment-STM-16	EA	4.00		Included
73	Telecom Eqpt Serv at Rampura(Kashipur)	18		Optical Interface Card (to support minimum 225 kms) for STM-16	EA	2.00		Included
74	Telecom Eqpt Serv at Rampura(Kashipur)	18		Tributary interface- E1 interface (Minimum 16 nos.)	SET	2.00		Included
75	Telecom Eqpt Serv at Rampura(Kashipur)	18		Ethernet Interface 10/100 Base T with Layer-2 switching (Min 8	EA	2.00		Included
76	Telecom Eqpt Serv at Rampura(Kashipur)	18		Tributary interface-Gigabit Ethernet Interfaces 10/100 Mbps with	SET	1.00		Included
77	Telecom Eqpt Serv at Rampura(Kashipur)	18		Equipment Cabinets-For SDH Equipments	EA	1.00		Included
78	Telecom Eqpt Serv at Rampura(Kashipur)	18		VOIP telephone instrument with one common switch (min. 8 port)	EA	4.00		Included
79	Telecom Eqpt Serv at Rampura(Kashipur)	18		Fibre Optic Approach cabling: Including installation hardware like ties/clips/cleats,	KM	1.00		Included
80	Telecom Eqpt Serv at Rampura(Kashipur)	18		Fibre Optic Distribution Panel (FODP): Indoor Type: FC Coupling	EA	1.00		Included
81	CIVIL WORKS	18		3.75m wide Bitumen road with earthen	M2	190.00		Included
82	CIVIL WORKS	18		Supplying and erecting dewatering pumps-5 HP	EA	1.00		Included
83	CIVIL WORKS	18		All civil works for Drains construction of Section	M	50.00		Included
84	CIVIL WORKS	18		All civil works for Drains construction of Section	M	30.00		Included
85	CIVIL WORKS	18		All civil works for Drains construction of Section	M	10.00		Included
86	CIVIL WORKS	18		All civil works for Drains construction of Section	M	10.00		Included
87	CIVIL WORKS	18		Design, engineering and execution of all civil	M2	36.00		Included
88	CIVIL WORKS	18		Cable Trench including all types of crossings,	M	20.00		Included
89	CIVIL WORKS	18		Cable Trench including all types of crossings,	M	10.00		Included
90	CIVIL WORKS	18		Cable Trench including all types of crossings,	M	20.00		Included
91	CIVIL WORKS	18		Cable Trench including all types of crossings,	M	40.00		Included
92	CIVIL WORKS	18		Supplying, filling and compacting stone	M3	86.00		Included
93	CIVIL WORKS	18		Soil Investigation: As per technical specification	LOT	1.00		Included
94	CIVIL WORKS	18		Stone spreading in switchyard excluding PCC	M2	6210.00		Included
95	CIVIL WORKS	18		Antiweed treatment	M2	6210.00		Included
96	CIVIL WORKS	18		Removing, cleaning and washing of existing	M2	840.00		Included
97	CIVIL WORKS	18		Providing and laying Plain Cement Concrete	M3	476.00		Included
98	CIVIL WORKS	18		Design, engineering and execution of all civil	EA	6.00		Included
99	CIVIL WORKS	18		Design, engineering and execution of all civil	EA	6.00		Included
100	CIVIL WORKS	18		Design, engineering and execution of all civil	EA	12.00		Included
101	CIVIL WORKS	18		Design, engineering and execution of all civil	EA	12.00		Included
102	CIVIL WORKS	18		Design, engineering and execution of all civil	EA	4.00		Included
103	CIVIL WORKS	18		Design, engineering and execution of all civil	EA	6.00		Included
104	CIVIL WORKS	18		Design, engineering and execution of all civil	EA	6.00		Included
105	CIVIL WORKS	18		RCC culverts and cable trench crossings	M	25.00		Included
106	CIVIL WORKS	18		RCC culverts and cable trench crossings	M	25.00		Included
107	CIVIL WORKS	18		RCC culverts and cable trench crossings	M	25.00		Included
108	CIVIL WORKS	18		Design, engineering and execution of all civil	EA	3.00		Included
109	CIVIL WORKS	18		Design, engineering and execution of all civil	EA	2.00		Included
110	CIVIL WORKS	18		Design, engineering and execution of all civil	EA	1.00		Included
II	Extn of 400kV Khandukhal (Srinagar) S/s							

Installation Charges :
All Prices are in Indian Rupees.

Sl. No.	Activity Description	Rate of GST applicab le (in %)	Whether rate of GST in column '4' is confirmed. If not indicate applicable rate of GST *	Description	Unit	Quantity	Unit Erection Charges	Total Erection Charges
1	2	3	4	5	6	7	8	9=7X8
1	400 kV AIS Equipments	18		420kV, 3150A, 40kA Circuit Breaker(3-Phase)	EA	3.00		Included
2	400 kV AIS Equipments	18		420 kV, 3000A, 40KA, 1-Phase	EA	9.00		Included
3	400 kV AIS Equipments	18		Up gradation of existing 420kV, 2000A rated	SET	11.00		Included
4	400 kV AIS Equipments	18		Dismantling of 400kV CB	EA	3.00		Included
5	400 kV AIS Equipments	18		Dismantling of 400kV CT	EA	9.00		Included
6	400 kV AIS Equipments	18		DISMANTLING & STORING of Wave traps	EA	4.00		Included
7	400 kV AIS Equipments	18		Dismantling of Lattice/Pipe Support Structure	EA	4.00		Included
8	400 kV AIS Equipments	18		420 kV, 4400 pF Capacitive Voltage	EA	6.00		Included
9	400 kV AIS Equipments	18		336kV Surge Arrester (1-phase)	EA	6.00		Included
10	400 kV AIS Equipments	18		Dismantling of 400kV SA	EA	6.00		Included
11	Erection Hardware (Excl H.Ftg.)	18		UPGRADATION OF EXISTING DMT 400kV	SET	2.00		Included
12	Erection Hardware (Excl H.Ftg.)	18		RECONDUCTORING OF 400KV TRANSFER BUS	SET	1.00		Included
13	Erection Hardware (Excl H.Ftg.)	18		UPGRADATION OF EXISTING DMT 400kV	SET	1.00		Included
14	Erection Hardware (H.Ftg.)	18		400KV SUSPENSION INSULATOR STRING	EA	2.00		Included
15	Erection Hardware (H.Ftg.)	18		400KV TENSION INSULATOR STRING AND	EA	6.00		Included
16	PLCC Equipments	18		400KV,3150A,0.5mH , 40kA Line Trap	EA	4.00		Included
17	PLCC Equipments	18		420 kV ,1 phase Bus Post Insulators for Line	EA	12.00		Included
18	PLCC Equipments	18		Coupling device for PLCC	EA	2.00		Included
19	PLCC Equipments	18		Digital Protection Coupler	EA	2.00		Included
20	PLCC Equipments	18		Carrier Equipment Analog type (for	EA	2.00		Included
21	PLCC Equipments	18		Protection Coupler (Analog)	EA	2.00		Included
22	PLCC Equipments	18		4-WIRE TELEPHONE	EA	2.00		Included
23	PLCC Equipments	18		HF CABLE FOR PLCC-75 OHM (KM)	KM	1.50		Included
24	Steel Structure	18		Equipment Structure including Foundation bolt-	EA	4.00		Included
25	Steel Structure	18		Pipe Structure Stool for 400kV CT-Erection	EA	6.00		Included
26	Cables	18		1.1kV grade Control Cables (PVCInsulated)	LS	1.00		Included
27	Cables	18		1.1kV grade Power Cables (PVCInsulated)along	LS	1.00		Included
28	PMU for Khanukhal (Srinagar)	18		Service:- Phasor Measurement Unit (PMU)	EA	2.00		Included
29	PMU for Khanukhal (Srinagar)	18		WAMS TIME SYSTEM(GPS RECEIVER)	EA	2.00		Included
30	PMU for Khanukhal (Srinagar)	18		Installation of Substation Grade Layer-3 LAN Switches as per	EA	3.00		Included
31	PMU for Khanukhal (Srinagar)	18		Services:- Armored Fibre Optic Cable and associated termination	LOT	1.00		Included
32	PMU for Khanukhal (Srinagar)	18		Integration of PMU with the PDC (Phasor Data Concentrator) of	LOT	1.00		Included
33	Tel Eqpt Service at Khandukhal(Srinagar)	18		SDH Equipment (STM-16 MADM upto 5 MSP	EA	1.00		Included
34	Tel Eqpt Service at Khandukhal(Srinagar)	18		Optical Interface Cards/SFP# -S16.1 for SDH Equipment-STM-16	EA	4.00		Included
35	Tel Eqpt Service at Khandukhal(Srinagar)	18		Optical Interface Card (to support minimum 225 kms) for STM-16	EA	2.00		Included
36	Tel Eqpt Service at Khandukhal(Srinagar)	18		Tributary interface- E1 interface (Minimum 16 nos.)	SET	2.00		Included
37	Tel Eqpt Service at Khandukhal(Srinagar)	18		Ethernet Interface 10/100 Base T with Layer-2 switching (Min 8	EA	2.00		Included
38	Tel Eqpt Service at Khandukhal(Srinagar)	18		Tributary interface-Gigabit Ethernet Interfaces 10/100 Mbps with	SET	1.00		Included
39	Tel Eqpt Service at Khandukhal(Srinagar)	18		Equipment Cabinets-For SDH Equipments	EA	1.00		Included
40	Tel Eqpt Service at Khandukhal(Srinagar)	18		NMS-Craft Terminal-Hardware	EA	1.00		Included
41	Tel Eqpt Service at Khandukhal(Srinagar)	18		NMS-Craft Terminal-Software	EA	1.00		Included
42	Tel Eqpt Service at Khandukhal(Srinagar)	18		VOIP telephone instrument with one common switch (min. 8 port)	EA	4.00		Included
43	Tel Eqpt Service at Khandukhal(Srinagar)	18		Fibre Optic Approach cabling: Including	KM	1.00		Included
44	Tel Eqpt Service at Khandukhal(Srinagar)	18		Fibre Optic Distribution Panel (FODP): Indoor Type: FC Coupling	EA	1.00		Included
Total Installation Charges								0.00

* In case the bidder leaves the cell for confirmation of the SAC and/or GST rate "blank", the SAC and corresponding GST rate indicated by the Employer shall be deemed to be the one confirmed by the Bidder.

Date : --
Place :

Printed Name :
Designation :

Construction of "400kV Khandukhal (Srinagar)- Rampura (Kashipur) D/c line" – 194 Km with Twin HTLS conductor along with associated 400kV AIS S/S Extension Package SS01 for (i) Extn. of 400kV Rampura (Kashipur) S/S including 400kV class Line Reactor and (ii) Extn. of 400kV Khandukhal (Srinagar) S/S" under Turnkey basis – Bids invited by M/s. Khandukhal –Rampura Transmission Limited (hereafter referred as KRTL)

(SCHEDULE OF RATES AND PRICES)

Bidder's Name and Address (Sole Bidder) :
Contracts Services, 3rd Floor

To:

Name :
Address :
.....
.....

KRTL,
2nd Floor, Niryat Bhawan, Rao Tularam Marg, Opposite
Army Hospital & Referral, New Delhi – 110 057, INDIA

Training Charges for Training to be imparted

Not Applicable

Date : --
Place :

Printed Name :
Designation :

Construction of "400kV Khandukhal (Srinagar)- Rampura (Kashipur) D/c line" – 194 Km with Twin HTLS conductor along with associated 400kV AIS S/S Extension Package SS01 for (i) Extn. of 400kV Rampura (Kashipur) S/S including 400kV class Line Reactor and (ii) Extn. of 400kV Khandukhal (Srinagar) S/S" under Turnkey basis – Bids invited by M/s. Khandukhal –Rampura Transmission Limited (hereafter referred as KRTL)

(SUMMARY OF TAXES & DUTIES APPLICABLE ON PLANT & EQUIPMENT)

Bidder's Name and Address (Sole Bidder) :

To:

Contracts Services, 3rd Floor

Name :

Address :

.....

.....

KRTL,

2nd Floor, Niryat Bhawan, Rao Tularam Marg, Opposite

Army Hospital & Referral, New Delhi – 110 057, INDIA

Sl. No.	Item Nos.	Total Price (INR)
1	TOTAL GST ON GOODS	
	Total GST for Supply of Goods (inter-alia including Type Test Charges) between the Contractor and the Employer (identified in Schedule 1') which are not included in the Ex-works price as per the provision of the Bidding Documents, as applicable.	0.00
2	TOTAL GST ON SERVICES	
	Total GST on Installation Services (Schedule-3) and Training to be imparted in India (Schedule-4), if applicable	0.00
	GRAND TOTAL [1+2]	-

Date : --

Printed Name :

Place :

Designation :

Construction of "400kV Khandukhal (Srinagar)- Rampura (Kashipur) D/c line" – 194 Km with Twin HTLS conductor along with associated 400kV AIS S/S Extension Package SS01 for (i) Extn. of 400kV Rampura (Kashipur) S/S including 400kV class Line Reactor and (ii) Extn. of 400kV Khandukhal (Srinagar) S/S" under Turnkey basis – Bids invited by M/s. Khandukhal –Rampura Transmission Limited (hereafter referred as KRTL)

(GRAND SUMMARY)

Bidder's Name and Address (Sole Bidder) :
Contracts Services, 3rd Floor

To:

Name :
Address :
.....
.....

KRTL,
2nd Floor, Niryat Bhawan, Rao Tularam
Marg, Opposite Army Hospital & Referral, New Delhi –
110 057, INDIA

Sl. No.	Description	Total Price (INR)
1	TOTAL SCHEDULE NO. 1	0.00
	Ex-works price of Plant and Equipment including Type Test Charges	
2	TOTAL SCHEDULE NO. 2	0.00
	Local Transportation, Insurance and other Incidental Services	
3	TOTAL SCHEDULE NO. 3	0.00
	Installation Charges	
4	TOTAL SCHEDULE NO. 4	Not Applicable
	Training Charges	
5	TOTAL SCHEDULE NO. 5	0.00
	Taxes and Duties	
6	TOTAL SCHEDULE NO. 7	Not Applicable
	Type Test Charges [Total of this Schedule is included in Schedule - 1 above.]	
	GRAND TOTAL [1+2+3+4+5]	0.00

Date : --
Place :

Printed Name :
Designation :

Construction of "400kV Khandukhal (Srinagar)- Rampura (Kashipur) D/c line" – 194 Km with Twin HTLS conductor along with associated 400kV AIS S/S Extension Package SS01 for (i) Extn. of 400kV Rampura (Kashipur) S/S including 400kV class Line Reactor and (ii) Extn. of 400kV Khandukhal (Srinagar) S/S" under Turnkey basis – Bids invited by M/s. Khandukhal –Rampura Transmission Limited (hereafter referred as KRTL)

(GRAND SUMMARY)

Bidder's Name and Address (Sole Bidder) :
Contracts Services, 3rd Floor

To:

Name :
Address :
.....
.....

KRTL,
2nd Floor, Niryat Bhawan, Rao Tularam
Marg, Opposite Army Hospital & Referral, New Delhi –
110 057, INDIA

Sl. No.	Description	Total Price (INR)
1	TOTAL SCHEDULE NO. 1	0.00
	Ex-works price of Plant and Equipment including Type Test Charges	
2	TOTAL SCHEDULE NO. 2	0.00
	Local Transportation, Insurance and other Incidental Services	
3	TOTAL SCHEDULE NO. 3	0.00
	Installation Charges	
4	TOTAL SCHEDULE NO. 4	Not Applicable
	Training Charges	
5	TOTAL SCHEDULE NO. 5	0.00
	Taxes and Duties	
6	TOTAL SCHEDULE NO. 7	Not Applicable
	Type Test Charges [Total of this Schedule is included in Schedule - 1 above.]	
	GRAND TOTAL [1+2+3+4+5]	0.00

Date : --
Place :

Printed Name :
Designation :

Schedule 7

Construction of "400kV Khandukhal (Srinagar)- Rampura (Kashipur) D/c line" - 194 Km with Twin HTLS conductor along with associated 400kV AIS S/S Extension Package SS01 for (i) Extn. of 400kV Rampura (Kashipur) S/S including 400kV class Line Reactor and (ii) Extn. of 400kV Khandukhal (Srinagar) S/S" under Turnkey basis - Bids invited by M/s. Khandukhal -Rampura Transmission Limited (hereafter referred as KRTL)

(SCHEDULE OF RATES AND PRICES)

Bidder's Name and Address (Sole Bidder) :

Contracts Services, 3rd Floor

Name :

Address :

.....

.....

.....

To:

KRTL,

2nd Floor, Niryat Bhawan, Rao Tularam

Marg, Opposite Army Hospital & Referral,

New Delhi - 110 057, INDIA

Type tests on Earthwire, Hardwar Fittings & accessories of conductor & earthwire:

Not Applicable

Date : --

Place :

Printed Name :

Designation :

Note : Bidder should indicate the name of test laboratories where type tests are proposed to be conducted

LETTER OF DISCOUNT

To:

KRTL,
2nd Floor, Niryat Bhawan, Rao Tularam Marg, Opposite Army Hospital & Referral,
New Delhi – 110 057, INDIA

Construction of “400kV Khandukhal (Srinagar)- Rampura (Kashipur) D/c line” – 194 Km with Twin HTLS conductor along with associated 400kV AIS S/S Extension Package SS01 for (i) Extn. of 400kV Rampura (Kashipur) S/S including 400kV class Line Reactor and (ii) Extn. of 400kV Khandukhal (Srinagar) S/S” under Turnkey basis – Bids invited by M/s. Khandukhal –Rampura Transmission Limited (hereafter referred as KRTL)

Subject :

Dear Sir

With reference to the subject tender, we hereby offer unconditional discount on the prices quoted by us as per details given here below :

1	Discount on lum-sum basis on total price quoted by us without Taxes & Duties. [The discount shall be proportionately applicable on all the items of all the Schedules i.e. Sch-1, Sch-2 & Sch-3] In Rs.	
2	Discount on percent basis on total price quoted by us without Taxes & Duties. [The discount shall be applicable on all the items of all the Schedules i.e. Sch-1, Sch-2 & Sch-3] In Percent (%)	
3	Discount on lum-sum basis on the Schedules as given below : [The discount shall be proportionately applicable on all the relevant items of the respective Schedules.] In Rs.	
	Schedule-1 : Ex works prices In Rs.	
	Schedule-2 : Freight & Insurance In Rs.	
	Schedule-3 : Installation Charges In Rs.	
4	Discount on percent basis on the Schedules as given below : [The discount shall be applicable on all the relevant items of the respective Schedules.] In Percent (%)	
	Schedule-1 : Ex works prices In Percent (%)	
	Schedule-2 : Freight & Insurance In Percent (%)	
	Schedule-3 : Installation Charges In Percent (%)	

Discount(s) offered at sl. No. 1 to 4 will get displayed and accounted for automatically in the
Please consider this letter of discount as the integral part of our price bid.

Thanking you, we remain,

Yours faithfully,

For and on behalf of

Date : --

Printed Name :

Place :

Designation :

BID FORM (Second Envelope)

Bid Proposal Ref. No. Date :

To:
KRTL,
2nd Floor, Niryat Bhawan, Rao Tularam Marg, Opposite Army Hospital & Referral,
New Delhi - 110 057, INDIA

Construction of "400kV Khandukhal (Srinagar)- Rampura (Kashipur) D/c line" - 194 Km with Twin HTLS conductor along with associated 400kV AIS S/S Extension Package SS01 for (i) Extn. of 400kV Rampura (Kashipur) S/S including 400kV class Line Reactor and (ii) Extn. of 400kV Khandukhal (Srinagar) S/S" under Turnkey basis - Bids invited by M/s. Khandukhal -Rampura Transmission Limited (hereafter referred as KRTL)

Name of Contract :

Dear Ladies and/or Gentlemen,

- 1.0 In continuation of First Envelope of our Bid, we hereby submit the Second Envelope of the Bid, both of which shall be read together and in
2.0 conjunction with each other, and shall be construed as an integral part of our Bid. Accordingly, we the undersigned, offer to design,
2.1 manufacture, test, deliver, install and commission (including carrying out Trial Operation, Performance & Guarantee Test as per provision of Technical Specification) under the above- named package in full conformity with the said Bidding Documents for the sum of Rs. 0 (Rs. Zero Only) or such other sums as may be determined in accordance with the terms and conditions of the Bidding Documents.
The above amounts are in accordance with the price schedules attached herewith and are made part of this bid.

Price Schedules

In line with the requirements of the Bidding documents, we enclose herewith the following Price Schedules, duly filled - in as per your proforma:

Schedule 1	Plant and Equipment (Including Mandatory Spare Parts) to be supplied, including Type Test Charges.
Schedule 2	Local Transportation, In-transit Insurance, loading and unloading
Schedule 3	Installation Charges.
Schedule 4	Training charges for training to be imparted. Taxes and Duties not included in Schedule 1 Grand Summary [Schedule
Schedule 5	1 to 5]
Schedule 6	

2.2 We are aware that the Price Schedules do not generally give a full description of the Work to be performed under each item and we shall be deemed to have read the Technical Specifications and other sections of the Bidding Documents and Drawings to ascertain the full scope of Work included in each item while filling-in the rates and prices. We agree that the entered rates and prices shall be deemed to include for the full scope as aforesaid, including overheads and profit.

2.3 We declare that as specified in Clause 11.5, Section -II:ITB, Vol.-I of the Bidding Documents, prices quoted by us in the Price Schedules in Second Envelope shall be on 'Firm' basis during the entire currency of contract and shall not be subject to price variation, what-so- ever during contract execution.

- 2.4 We understand that in the price schedules, where there are errors between the total of the amounts given under the column for the price Breakdown and the amount given under the Total Price, the former shall prevail and the latter will be corrected accordingly. We further understand that where there are discrepancies between amounts stated in figures and amounts stated in words, the amount stated in words shall prevail. Similarly, any discrepancy in the total bid price and that of the summation of Schedule price (price indicated in a Schedule indicating the total of that schedule), the total bid price shall be corrected to reflect the actual summation of the Schedule prices.
- 2.5 We declare that items left blank in the Schedules will be deemed to have been included in other items. The TOTAL for each Schedule and the TOTAL of Grand Summary shall be deemed to be the total price for executing the Facilities and sections thereof in complete accordance with the Contract, whether or not each individual item has been priced.
- 3.0 We confirm that except as otherwise specifically provided our Bid Prices in this Second Envelope include all taxes, duties, levies and charges as may be assessed on us/our Associate (applicable for Foreign Bidder), our Sub-Contractor/Sub-Vendor or their employees by all municipal, state or national government authorities in connection with the Facilities, in and outside of India.
- 3.1 100% of applicable Taxes and Duties i.e **GST** which are payable by the Employer under the Contract, shall be reimbursed by the Employer on production of satisfactory documentary evidence by the Contractor in accordance with the provisions of the Bidding Documents.
- 3.2 We further understand that notwithstanding 3.0 above, in case of award on us, you shall also bear and pay/reimburse to us, GST applicable on supplies by us to you, imposed on the Plant & Equipment including Mandatory Spare Parts to be incorporated into the Facilities including Type Test charges for Type test to be conducted specified in Schedule No. 1, Installation Services specified in Schedule No. 3 and Charges for Training to be imparted specified in Schedule No. 4 of the Price Schedule in this Second Envelope by the Indian
- 3.3 We confirm that we have also registered/we shall also get registered in the GST Network with a GSTIN, in all the states where the project is located and the states from which we shall make our supply of goods.

4.0 # (For Joint Venture only) We, the partners of Joint Venture submitting this bid, do agree and confirm that in case of Award of Contract on the
5.0 Joint Venture, we shall be jointly and severally liable and responsible for the execution of the Contract in accordance with Contract terms and conditions.
We, hereby, declare that only the persons or firms interested in this proposal as principals are named here and that no other persons or firms other than those mentioned herein have any interest in this proposal or in the Contract to be entered into, if the award is made on us, that this proposal is made without any connection with any other person, firm or party likewise submitting a proposal is in all respects for and in good faith, without collusion or fraud.

Thanking you, we remain,
--

Yours faithfully, For and on behalf of
Signature :
Printed Name :

Date :

Place :

Designation :
Common Seal :

Please provide additional information of the Bidder

Business Address :	
Country of Incorporation :	
State/Province to be indicated :	
Name of Principal Officer :	
Address of Principal Officer :	