

DEVELOPMENT OF DISTRIBUTION INFRASTRUCTURE AT GANDHINAGAR CORPORATION CLUSTER District of GUJARAT UNDER REVAMPED REFORMS-BASED AND RESULTS-LINKED, DISTRIBUTION SECTOR SCHEME
(Schedule of rates and prices)

Ex-works supply of materials

Bidder's Name & Address:

All prices in Indian Rupees

A Price Bid (Supply Portion)										
Line Item	Description	Unit	Qty	Unit Ex-works price	Total Ex-works price	Unit Price for inland transportation and other services required in India to convey the Goods to their final destination	Total Price for inland transportation and other services required in India to convey the Goods to their final destination	GST payable on the price quoted if Contract is awarded (%)	GST payable on the price quoted if Contract is awarded (Amount)	Total Price per line item
A (I)	Augmentation, Renovation & Modernisation of 11/0.4 kV Distribution Transformer Substation (Augmentation of Distribution Transformer Substation (ASSUMING 25 YEARS OF LIFE AND 10 YEARS IN SERVICE) using New Distribution Transformer (three star) as per technical specifications, approved drawings and scope of the work. Replaced material to be deposited in Employer's store)									
1.01	New 200 KVA (11/0.4 kV) Aluminium wound DTR (Replacing 100 KVA old DTR),	No	10		0.00	0.00	0.00	18.00%	0.00	0.00
A (II)	Overhead to Underground Electrification Network having associated activities like laying of 11kV XLPE Cable, Ring Main Units, Distribution Transformers etc. as per Bill of Quantity									
2.01	Supply of 11 kV,(E),XLPE insulated Aluminium Conductor, Armoured cable 3 core 185 sq. mm. as per enclosed specification for normal laying work with as per technical specification, approved drawings and scope of work as well as attached bill of quantities.	kM	0.000		0.00		0.00	18.00%	0.00	0.00
2.02	Supply of 11 kV,(E),XLPE insulated Aluminium Conductor, Armoured cable 3 core 185 sq. mm. as per enclosed specification with HDPE ducts conforming to IS:4984 having dia OD 110 mm, 6kg/cm2, 11.63 kg/6 RMT at a minimum depth of 1200mm below the road surface by pushthrough method with as per technical specification, approved drawings and scope of work as well as attached bill of quantities.	kM	0.400		0.00		0.00	18.00%	0.00	0.00
2.03	Supply of 11 kV,(E),XLPE insulated Aluminium Conductor, Armoured cable 3 core 240 sq. mm. as per enclosed specification for normal laying work with as per technical specification, approved drawings and scope of work as well as attached bill of quantities.	kM	95.230		0.00		0.00	18.00%	0.00	0.00
2.04	Supply of 11 kV,(E),XLPE insulated Aluminium Conductor, Armoured cable 3 core 240 sq. mm. as per enclosed specification with HDPE ducts conforming to IS:4984 having dia OD 110 mm, 6kg/cm2, 11.63 kg/6 RMT at a minimum depth of 1200mm below the road surface by pushthrough method with as per technical specification, approved drawings and scope of work as well as attached bill of quantities.	kM	64.100		0.00		0.00	18.00%	0.00	0.00
2.05	Supply of 11 kV,(E),XLPE insulated Aluminium Conductor, Armoured cable as per enclosed specification 3 core 70 sq. mm. for TC termination (RMU to TC) as per technical specification, approved drawings and scope of work as well as per attached bill of quantities	kM	9.780		0.00		0.00	18.00%	0.00	0.00
2.06	Providing of XLPE(IS:7098) (I)-88 ISI marked multistrand Aluminium conductor armoured cable for 1.1 kV to be laid on pole with HDPE pipe with clamping or in ground as well as existing cable trench/pipe at road crossing of 1C x 300 Sq MM, as per technical specification, approved drawings and scope of work as well as attached bill of quantities	kM	29.340		0.00		0.00	18.00%	0.00	0.00
2.07	RMU : Supply of 2 Isolator (2-Way) SF6 gas insulated, 630Amp both sides extensible, SCADA compatible Ring Mains Units (RMU) as per technical specification, approved drawings and scope of work with associated activities and quantities as per separately attached Bill of Quantities.	No	1		0.00		0.00			
2.08	RMU : Supply of 1 Circuit Breaker 1 Isolator (2-Way) SF6 gas insulated, 630Amp both sides extensible, SCADA compatible Ring Mains Units (RMU) as per technical specification, approved drawings and scope of work with associated activities and quantities as per separately attached Bill of Quantities.	No	5		0.00		0.00	18.00%	0.00	0.00
2.09	RMU : Supply of 1 Circuit Breaker 2 Isolator (3-Way) SF6 gas insulated, 630Amp both sides extensible, SCADA compatible Ring Mains Units (RMU) as per technical specification, approved drawings and scope of work with associated activities and quantities as per separately attached Bill of Quantities.	No	354		0.00		0.00	18.00%	0.00	0.00
2.10	RMU : Supply of 1 Circuit Breaker 3 Isolator (4-Way) SF6 gas insulated, 630Amp both sides extensible, SCADA compatible Ring Mains Units (RMU) as per technical specification, approved drawings and scope of work with associated activities and quantities as per separately attached Bill of Quantities.	No	130		0.00		0.00	18.00%	0.00	0.00
2.11	RMU : Supply of 1 Circuit Breaker 4 Isolator (5-Way) SF6 gas insulated, 630Amp both sides extensible, SCADA compatible Ring Mains Units (RMU) as per technical specification, approved drawings and scope of work with associated activities and quantities as per separately attached Bill of Quantities.	No	14		0.00		0.00	18.00%	0.00	0.00
2.12	Transformer: Supply of 11/0.433 KV, 100 KVA, Aluminium Wound CRGO / Amorphous Core Outdoor Transformers with HV/LV cable end boxes and CTs commissioned at LV end boxes for the following ratings [Transformer shall be suitable for pole mounting upto 315 kVA and Plinth mounting for 500 kVA (including plinth structure)] as per standard technical specifications with associated activities and quantities as per separately attached Bill of Quantities.	No	222		0.00		0.00	18.00%	0.00	0.00
2.13	Transformer: Supply of 11/0.433 KV, 200 KVA, Aluminium Wound CRGO / Amorphous Core Outdoor Transformers with HV/LV cable end boxes and CTs commissioned at LV end boxes for the following ratings [Transformer shall be suitable for pole mounting upto 315 kVA and Plinth mounting for 500 kVA (including plinth structure)] as per standard technical specifications with associated activities and quantities as per separately attached Bill of Quantities.	No	161		0.00		0.00	18.00%	0.00	0.00
2.14	Transformer: Supply of 11/0.433 KV, 315 kVA, Copper Wound CRGO / Amorphous Core Outdoor Transformers with HV/LV cable end boxes and CTs commissioned at LV end boxes for the following ratings [Transformer shall be suitable for pole mounting upto 315 kVA and Plinth mounting for 500 kVA (including plinth structure)] as per standard technical specifications with associated activities and quantities as per separately attached Bill of Quantities.	No	68		0.00		0.00	18.00%	0.00	0.00
2.15	Transformer: Supply of 11/0.433 KV, 500 kVA, Copper Wound CRGO / Amorphous Core Outdoor Transformers with HV/LV cable end boxes and CTs commissioned at LV end boxes for the following ratings [Transformer shall be suitable for pole mounting upto 315 kVA and Plinth mounting for 500 kVA (including plinth structure)] as per standard technical specifications with associated activities and quantities as per separately attached Bill of Quantities.	No	38		0.00		0.00	18.00%	0.00	0.00
Total Ex-works					0.00		0.00		0.00	0.00

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(Schedule of rates and prices)

Bidder's Name & Address:

Installation / Erection Charges :

All prices in Indian Rupees

B	Price Bid (Installation / Erection Portion)						
Service No.	Description of Related Services (excludes inland transportation and other services required in India to convey the goods to their final destination)	Unit	Quantity	Unit price	GST payable on the price quoted if Contract is awarded (%)	GST payable on the price quoted if Contract is awarded (Amount)	Total Price per line item
1	2	3	4	5	6	7	8
A (I)	Augmentation, Renovation & Modernisation of 11/0.4 kV Distribution Transformer Substation (Augmentation of Distribution Transformer Substation (ASSUMING 25 YEARS OF LIFE AND 10 YEARS IN SERVICE) using New Distribution Transformer (three star) as per technical specifications, approved drawings and scope of the work. Replaced material to be deposited in Employer's store)						
1.01	Installation of New 200 KVA (11/0.4 kV) Aluminium wound DTR (Replacing 100 KVA old DTR),	No	10		18.00%	0.00	0.00
					18.00%	0.00	0.00
A (II)	11kV Crossing Removal Civil Work (Safety)						
2.01	RCC CABLE TRENCH: Construction of RCC cable trench (Three tier / Four tier) as per approved design and drawing and as per directives of engineer-in-charge with required excavation as per site condition, Base concreting, providing and laying of reinforcement as per design, concreting of M-20 grade for Pardi and Raft, Precast RCC cover of 75 mm thick, fabrication of cable tray as per design with one coat of red oxide and two coats of oil painting to structural steel, two coats of waterproof cement paint to all inside, outer surfaces of cable trench with top cover. the work to be done as per drawing and PWD specification. Detailed description of major civil work activities involved are as under.	Meter	635		18.00%	0.00	0.00
2.02	RCC Stopper Wall at end of cable trench: Construction of 150 mm thick RCC stopper wall at end of cable trench as per approved drawing in cement concrete 1:2:4 including TMT bar reinforcement main/vertical bars and distribution bar of 8 mm dia @ 200 mm c/c both side including bending, binding and placing in position as per drawing and form work of steel sheets so as to give a fair finish including centering, shuttering, strutting and propping etc including providing & fixing 110 mm dia. PVC pipe(6 kg/cm ²) of 400mm length across the stopper wall with coupler & plug for future cable laying etc complete as per drawing and as directed by EIC.	JOB	4		18.00%	0.00	0.00

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Service No.	Description of Related Services (excludes inland transportation and other services required in India to convey the goods to their final destination)	Unit	Quantity	Unit price	GST payable on the price quoted if Contract is awarded (%)	GST payable on the price quoted if Contract is awarded (Amount)	Total Price per line item
1	2	3	4	5	6	7	8
A (III)	Overhead to Underground Electrification Network having associated activities like laying of 11kV XLPE Cable, Ring Main Units, Distribution Transformers etc. as per Bill of Quantity						
3.01	Installation,Testing & commissioning of 11 kV,(E),XLPE insulated Aluminium Conductor, Armoured cable 3 core 185 sq. mm. as per enclosed specification for normal laying work with as per technical specification, approved drawings and scope of work as well as attached bill of quantities.	KM	0.000		18.00%	0.00	0.00
3.02	Installation,Testing & commissioning of 11 kV,(E),XLPE insulated Aluminium Conductor, Armoured cable 3 core 185 sq. mm. as per enclosed specification with HDPE ducts confirming to IS:4984 having dia OD 110 mm, 6kg/cm2, 11.63 kg/6 RMT at a minimum depth of 1200mm below the road surface by pushthrough method by drilling the road with HDD machine without breaking the road surface for laying of cable for internal road crossing for enclosing HT/LT XLPE insulated aluminum armoured cable up to 240 sqmm through the duct as per the instructions of EIC as per technical specification, approved drawings and scope of work as well as attached bill of quantities.	KM	0.400		18.00%	0.00	0.00
3.03	Installation,Testing & commissioning of 11 kV,(E),XLPE insulated Aluminium Conductor, Armoured cable 3 core 240 sq. mm. as per enclosed specification for normal laying work with as per technical specification, approved drawings and scope of work as well as attached bill of quantities.	KM	95.230		18.00%	0.00	0.00
3.04	Installation,Testing & commissioning of 11 kV,(E),XLPE insulated Aluminium Conductor, Armoured cable 3 core 240 sq. mm. as per enclosed specification with HDPE ducts confirming to IS:4984 having dia OD 110 mm, 6kg/cm2, 11.63 kg/6 RMT at a minimum depth of 1200mm below the road surface by pushthrough method by drilling the road with HDD machine without breaking the road surface for laying of cable for internal road crossing for enclosing HT/LT XLPE insulated aluminum armoured cable up to 240 sqmm through the duct as per the instructions of EIC as per technical specification, approved drawings and scope of work as well as attached bill of quantities.	KM	64.100		18.00%	0.00	0.00
3.05	Installation,Testing & commissioning of 11 kV,(E),XLPE insulated Aluminium Conductor, Armoured cable as per enclosed specification 3 core 70 sq. mm. for TC termination (RMU to TC) as per technical specification, approved drawings and scope of work.	KM	9.780		18.00%	0.00	0.00
3.06	Erecting of XLPE(IS:7098) (I)-88 ISI marked multistrand Aluminium conductor armoured cable for 1.1 kV to be laid on pole with HDPE pipe with clamping or in ground as well as existing cable trench/pipe at road crossing of 1C x 300 Sq MM, as per technical specification, approved drawings and scope of work.	KM	29.340		18.00%	0.00	0.00
3.07	RMU : Installation, Testing & Commissioning of 2 Isolator (2-Way) SF6 gas insulated, 630Amp both sides extensible, SCADA compatible Ring Mains Units (RMU) as per technical specification, approved drawings and scope of work with associated activities and quantities as per separately attached Bill of Quantities.	No	1		18.00%	0.00	0.00
3.08	RMU : Installation, Testing & Commissioning of 1 Circuit Breaker 1 Isolator (2-Way) SF6 gas insulated, 630Amp both sides extensible, SCADA compatible Ring Mains Units (RMU) as per technical specification, approved drawings and scope of work with associated activities and quantities as per separately attached Bill of Quantities.	No	5		18.00%	0.00	0.00

ONLINE ONLY

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(Schedule of rates and prices)

Bidder's Name & Address:

Installation / Erection Charges :

All prices in Indian Rupees

B	Price Bid (Installation / Erection Portion)						
Service No.	Description of Related Services (excludes inland transportation and other services required in India to convey the goods to their final destination)	Unit	Quantity	Unit price	GST payable on the price quoted if Contract is awarded (%)	GST payable on the price quoted if Contract is awarded (Amount)	Total Price per line item
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3.09	RMU : Installation, Testing & Commissioning of 1 Circuit Breaker 2 Isolator (3-Way) SF6 gas insulated, 630Amp both sides extensible, SCADA compatible Ring Mains Units (RMU) as per technical specification, approved drawings and scope of work with associated activities and quantities as per separately attached Bill of Quantities.	No	354		18.00%	0.00	0.00
3.10	RMU : Installation, Testing & Commissioning of 1 Circuit Breaker 3 Isolator (4-Way) SF6 gas insulated, 630Amp both sides extensible, SCADA compatible Ring Mains Units (RMU) as per technical specification, approved drawings and scope of work with associated activities and quantities as per separately attached Bill of Quantities.	No	130		18.00%	0.00	0.00
3.11	RMU : Installation, Testing & Commissioning of 1 Circuit Breaker 4 Isolator (5-Way) SF6 gas insulated, 630Amp both sides extensible, SCADA compatible Ring Mains Units (RMU) as per technical specification, approved drawings and scope of work with associated activities and quantities as per separately attached Bill of Quantities.	No	14		18.00%	0.00	0.00
3.12	Transformer: Installation,Testing & Commissioning of 11/0.433 KV, 100 kVA, Aluminium Wound CRGO / Amorphous Core Outdoor Transformers with HV/LV cable end boxes and CTs commissioned at LV end boxes for the following ratings [Transformer shall be suitable for pole mounting upto 315 kVA and Plinth mounting for 500 kVA (including plinth structure)] as per standard technical specifications with associated activities and quantities as separately attached Bill of Quantities.	No	222		18.00%	0.00	0.00
3.13	Transformer: Installation,Testing & Commissioning of 11/0.433 KV, 200 kVA, Aluminium Wound CRGO / Amorphous Core Outdoor Transformers with HV/LV cable end boxes and CTs commissioned at LV end boxes for the following ratings [Transformer shall be suitable for pole mounting upto 315 kVA and Plinth mounting for 500 kVA (including plinth structure)] as per standard technical specifications with associated activities and quantities as per separately attached Bill of Quantities.	No	161		18.00%	0.00	0.00
3.14	Transformer: Installation,Testing & Commissioning of 11/0.433 KV, 315 kVA, Copper Wound CRGO / Amorphous Core Outdoor Transformers with HV/LV cable end boxes and CTs commissioned at LV end boxes for the following ratings [Transformer shall be suitable for pole mounting upto 315 kVA and Plinth mounting for 500 kVA (including plinth structure)] as per standard technical specifications with associated activities and quantities as per separately attached Bill of Quantities.	No	68		18.00%	0.00	0.00
3.15	Transformer: Installation,Testing & Commissioning of 11/0.433 KV, 500 kVA, Copper Wound CRGO / Amorphous Core Outdoor Transformers with HV/LV cable end boxes and CTs commissioned at LV end boxes for the following ratings [Transformer shall be suitable for pole mounting upto 315 kVA and Plinth mounting for 500 kVA (including plinth structure)] as per standard technical specifications with associated activities and quantities as per separately attached Bill of Quantities.	No	38		18.00%	0.00	0.00
	Total					0.00	0.00

ONLINE ONLY

Schedule-3

**DEVELOPMENT OF DISTRIBUTION INFRASTRUCTURE AT GANDHINAGAR CORPORATION CLUSTER District of GUJARAT
UNDER REVAMPED REFORMS-BASED AND RESULTS-LINKED, DISTRIBUTION SECTOR SCHEME
(GRAND SUMMARY)**

Bidder's Name and Address:

Sl. No.	Description	Total Price (Rs.)
1	TOTAL SCHEDULE NO. 1	
	Plant and Equipment	0.00
2	TOTAL SCHEDULE NO. 2	
	Installation / Erection Charges	0.00
3	TOTAL [1+2]	0.00
4	Discount offered by Bidder(If any)	
5	Schedule No 3: GRAND TOTAL [3 - 4]	

ONLINE ONLY

Date:

Signature:

Place:

Printed Name:

Designation:

Common Seal:

**DEVELOPMENT OF DISTRIBUTION INFRASTRUCTURE AT GANDHINAGAR CORPORATION CLUSTER District of GUJARAT UNDER
REVAMPED REFORMS-BASED AND RESULTS-LINKED, DISTRIBUTION SECTOR SCHEME**

Bidder's Name and Address (Sole Bidder) :

To:

XXXX (Name and Address of Employer)

Name:

Address:

Dear Sir,

We declare that the ratings, performance figures and availability of the system furnished by us for subject Package covered under this specification are guaranteed by us. We further declare that in the event of any deficiencies in meeting the guarantees in respect of the characteristics mentioned below as established after conducting the factory test, you may at your discretion, reject or accept the equipment after assessing the liquidated damages as specified in the relevant clauses of Bid document.

Equipment	Guaranteed losses at rated output (KW per unit)	
	Copper/Aluminium Loss at 75 degree C at rated current	Iron loss at rated voltage and frequency
Distribution Transformers: (For Replacement / Augmentation of Overhead Transformer & for OH to UG Distribuiton Network)		
63KVA, 11/0.433kV, 3ph		
100KVA, 11/0.433kV, 3ph		
200KVA, 11/0.433kV, 3ph		
315KVA, 11/0.433kV, 3ph		
500KVA, 11/0.433kV, 3ph		

(Signature)

(Printed Name)

(Designation)

(Common Seal)

Date : --

Place :