

**DEVELOPMENT OF DISTRIBUTION INFRASTRUCTURE AT AHMEDABAD DISTRICT OF GUJARAT State UNDER REVAMPED REFORMS-BASED AND RESULTS-LINKED, DISTRIBUTION SECTOR SCHEME**  
(Schedule of rates and prices)

Ex-works supply of materials

Bidder's Name &amp; Address:

All prices in Indian Rupees

<b>A Price Bid (Supply Portion)</b>										
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
<b>A (I)</b>	<b>Augmentation, Renovation &amp; 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)</b>									
1.01	New 63 KVA (11/0.4 kV) Aluminium wound DTR (Replacing 25KVA old DTR),	No	25		0.00		0.00	18.00%	0.00	0.00
1.02	New 100 KVA (11/0.4 kV) Aluminium wound DTR (Replacing 63 KVA old DTR),	No	96		0.00		0.00	18.00%	0.00	0.00
1.03	New 200 KVA (11/0.4 kV) Aluminium wound DTR (Replacing 100 KVA old DTR),	No	71		0.00		0.00	18.00%	0.00	0.00
1.04	New 500 KVA (11/0.4 kV) Copper wound DTR (Replacing 200 KVA old DTR),	No	2		0.00		0.00	18.00%	0.00	0.00
<b>A (II)</b>	<b>11kV Crossing Removal (Safety)</b>									
2.01	11kV Crossing with associated activities and quantities as per separately attached Bill of Quantities and as per technical specification, approved drawings and scope of work	kM	6.605		0.00		0.00	18.00%	0.00	0.00
<b>A (III)</b>	<b>11kV New Feeder / Feeder Bifurcation</b>									
3.01	11kV New Feeder / Feeder Bifurcation having Supply of 6/4.72 mm+7/1.57 mm (100 mm <sup>2</sup> Al. Area) - Dog with associated activities and quantities as per separately attached Bill of Quantities and as per technical specification, approved drawings and scope of work	kM	5.050		0.00		0.00	18.00%	0.00	0.00
3.02	11kV New Feeder / Feeder Bifurcation having Supply of 11kV 185 Sq MM XLPE Cable with associated activities and quantities as per separately attached Bill of Quantities and as per technical specification, approved drawings and scope of work	kM	8.450		0.00		0.00	18.00%	0.00	0.00
3.03	11kV New Feeder / Feeder Bifurcation having 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/cm <sup>2</sup> , 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	4.000		0.00		0.00	18.00%	0.00	0.00
<b>A (IV)</b>	<b>Maintenance free, Ready capsule, Pipe-in-cage (PIC) type earthing</b>									
4.01	Maintenance free, Ready capsule, Pipe-in-cage (PIC) type earthing and connections to the various parts of transformer center using GI Strip and GI Nut Bolts as per technical specification, approved drawings and scope of work with associated activities and quantities as per separately attached Bill of Quantities	No	2553		0.00		0.00	18.00%	0.00	0.00
<b>A (V)</b>	<b>Interlinking of 11kV Feeder (Reliability)</b>									
5.01	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	4.225		0.00		0.00	18.00%	0.00	0.00
5.02	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/cm <sup>2</sup> , 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	0.335		0.00		0.00	18.00%	0.00	0.00
5.03	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	68		0.00		0.00	18.00%	0.00	0.00
5.04	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	4		0.00		0.00	18.00%	0.00	0.00
<b>A (VI)</b>	<b>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</b>									
6.01	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	187.660		0.00		0.00	18.00%	0.00	0.00
6.02	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/cm <sup>2</sup> , 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	125.060		0.00		0.00	18.00%	0.00	0.00
6.03	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.	KM	20.000		0.00		0.00	18.00%	0.00	0.00

ONLINE ONLY



**DEVELOPMENT OF DISTRIBUTION INFRASTRUCTURE AT AHMEDABAD DISTRICT of GUJARAT State UNDER REVAMPED REFORMS-BASED AND RESULTS-LINKED, DISTRIBUTION SECTOR SCHEME**

(Schedule of rates and prices)

Bidder's Name and Address:

Installation / Erection Charges :

All prices in Indian Rupees

**A 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
<b>A (I)</b>	<b>Augmentation, Renovation and 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)</b>						
1.01	Installation of New 63 KVA (11/0.4 kV) Aluminium wound DTR (Replacing 25KVA old DTR),	No	25		18.00%	0.00	0.00
1.02	Installation of New 100 KVA (11/0.4 kV) Aluminium wound DTR (Replacing 63 KVA old DTR),	No	96		18.00%	0.00	0.00
1.03	Installation of New 200 KVA (11/0.4 kV) Aluminium wound DTR (Replacing 100 KVA old DTR),	No	71		18.00%	0.00	0.00
1.04	Installation of New 500 KVA (11/0.4 kV) Copper wound DTR (Replacing 200 KVA old DTR),	No	2		18.00%	0.00	0.00
<b>A (II)</b>	<b>11kV Crossing Removal (Safety)</b>						
2.01	Installation, Testing and commissioning of 11kV Crossing with associated activities and quantities as per separately attached Bill of Quantities and as per technical specification, approved drawings and scope of work	kM	6.605		18.00%	0.00	0.00
2.02	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, outside surfaces of cable trench with top cover. the work to be done as per drawing and PWD specification. Detail description of major civil work activities involved are as under.	Meter	1195		18.00%	#REF!	#REF!
2.03	<b>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 and fixing 110 mm dia. PVC pipe(6 kg/cm<sup>2</sup>) of 400mm length across the stopper wall with coupler and plug for future cable laying etc complete as per drawing and as directed by EIC</b>	JOB	6		18.00%	0.00	0.00
<b>A (III)</b>	<b>11kV New Feeder / Feeder Bifurcation</b>						
3.01	Installation of 11kV New Feeder / Feeder Bifurcation having 6/4.72 mm+7/1.57 mm (100 mm <sup>2</sup> Al. Area) - Dog with associated activities and quantities as per separately attached Bill of Quantities and as per technical specification, approved drawings and scope of work	kM	5.050		18.00%	0.00	0.00

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**DEVELOPMENT OF DISTRIBUTION INFRASTRUCTURE AT AHMEDABAD DISTRICT of GUJARAT State UNDER REVAMPED REFORMS-BASED AND RESULTS-LINKED, DISTRIBUTION SECTOR SCHEME**

(Schedule of rates and prices)

Bidder's Name and Address:

Installation / Erection Charges :

All prices in Indian Rupees

**A 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
3.02	Installation, Testing and Commissioning of 11kV New Feeder / Feeder Bifurcation having 11kV 185 Sq MM XLPE Cable with associated activities and quantities as per separately attached Bill of Quantities and as per technical specification, approved drawings and scope of work	KM	8.450		18.00%	0.00	0.00
3.03	Installation, Testing and commissioning of 11kV New Feeder / Feeder Bifurcation having 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/cm <sup>2</sup> , 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	4.000		18.00%	0.00	0.00
<b>A (IV)</b>	<b>Maintenance free, Ready capsule, Pipe-in-cage (PiC) type earthing</b>						
4.01	Erection, testing and Commissioning of Maintenance free, Ready capsule, Pipe-in-cage (PiC) type earthing and connections to the various parts of transformer center using GI Strip and GI Nut Bolts as per technical specification, approved drawings and scope of work with associated activities and quantities as per separately attached Bill of Quantities	No	2553		18.00%	0.00	0.00
<b>A (V)</b>	<b>Interlinking of 11kV Feeder (Reliability)</b>						
5.01	Installation, Testing and 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	4.225		18.00%	0.00	0.00
5.02	Installation, Testing and 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/cm <sup>2</sup> , 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	0.335		18.00%	0.00	0.00
5.03	RMU : Installation, Testing and 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	68		18.00%	0.00	0.00

ONLINE ONLY

**DEVELOPMENT OF DISTRIBUTION INFRASTRUCTURE AT AHMEDABAD DISTRICT of GUJARAT State UNDER REVAMPED REFORMS-BASED AND RESULTS-LINKED, DISTRIBUTION SECTOR SCHEME**

(Schedule of rates and prices)

Bidder's Name and Address:

Installation / Erection Charges :

All prices in Indian Rupees

**A 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
5.04	RMU : Installation, Testing and 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	4		18.00%	0.00	0.00
<b>A (VI)</b>	<b>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</b>						
6.01	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	187.660		18.00%	0.00	0.00
6.02	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/cm <sup>2</sup> , 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	125.060		18.00%	0.00	0.00
6.03	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	20.000		18.00%	0.00	0.00
6.04	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	55.800		18.00%	0.00	0.00
6.05	RMU : Installation, Testing and 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	18		18.00%	0.00	0.00
6.06	RMU : Installation, Testing and 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	956		18.00%	0.00	0.00

**DEVELOPMENT OF DISTRIBUTION INFRASTRUCTURE AT AHMEDABAD DISTRICT of GUJARAT State UNDER REVAMPED REFORMS-BASED AND RESULTS-LINKED, DISTRIBUTION SECTOR SCHEME**

(Schedule of rates and prices)

Bidder's Name and Address:

Installation / Erection Charges :

All prices in Indian Rupees

**A 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
6.07	RMU : Installation, Testing and 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	95		18.00%	0.00	0.00
6.08	Transformer: Installation, Testing and 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 per separately attached Bill of Quantities.	No	625		18.00%	0.00	0.00
6.09	Transformer: Installation, Testing and 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	221		18.00%	0.00	0.00
6.10	Transformer: Installation, Testing and 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	23		18.00%	0.00	0.00
6.11	Transformer: Installation, Testing and 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	81		18.00%	0.00	0.00
	<b>Total</b>					#REF!	#REF!

**DEVELOPMENT OF DISTRIBUTION INFRASTRUCTURE AT AHMEDABAD DISTRICT of GUJARAT State UNDER REVAMPED  
REFORMS-BASED AND RESULTS-LINKED, DISTRIBUTION SECTOR SCHEME**

**(GRAND SUMMARY)**

**Bidder's Name and Address:**

**ONLINE ONLY**

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

Date:

Signature:

Place:

Printed Name:

Designation:

Common Seal:

**DEVELOPMENT OF DISTRIBUTION INFRASTRUCTURE AT AHMEDABAD DISTRICT of GUJARAT State 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
<b>Distribution Transformers: (For Replacement / Augmentation of Overhead Transformer &amp; for OH to UG Distribuiton Network)</b>		
<b>63KVA, 11/0.433kV, 3ph</b>		
<b>100KVA, 11/0.433kV, 3ph</b>		
<b>200KVA, 11/0.433kV, 3ph</b>		
<b>315KVA, 11/0.433kV, 3ph</b>		
<b>500KVA, 11/0.433kV, 3ph</b>		

(Signature)

(Printed Name)

(Designation)

(Common Seal)

Date : --

Place :