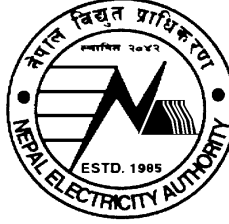


NEPAL ELECTRICITY AUTHORITY
(An Undertaking of Government of Nepal)
PROJECT MANAGEMENT DIRECTORATE
Province No. 2 Electrification Project



BIDDING DOCUMENT
FOR
Rural Electrification and Distribution Network Reinforcement in Province
No. 2
(Lot 1, Lot 2, Lot 3, Lot 4 and Lot 5)

(Design, Supply and Install)

Single-Stage, Two-Envelope
Bidding Procedure

Issued on:

Invitation for Bids No.: ICB-PMD-REDNRP-076/77-01

OCB No.: ICB-PMD-DSAEP-076/77-01-Lot 3

Employer: Nepal Electricity Authority

Country: Nepal

VOLUME III OF III
(Lot 3)

March 2020

Province No. 2 Electrification Project
Project Management Directorate
Nepal Electricity Authority
Chandragiri Municipality Ward No. – 7
Matatirtha, Kathmandu
Phone No: +977 1 5164122/5164111

NEPAL ELECTRICITY AUTHORITY
Project Management Directorate
Province No. 2 Electrification Project

OCB No. ICB-PMD-REDNRP-076/77-01-Lot 3

Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

FC-Foreign Currency

LC-Local Currency

Schedule 5: Grand Summary

S.N.	Schedule No.	Description	Total Price	
			FC	LC
1	Schedule No. 1	Plant and Equipment including Mandatory Spare Parts Supplied from Abroad	-	
2	Schedule No. 2	Plant and Equipment including Mandatory Spare Parts Supplied from Employer's Country		-
3	Schedule No. 3	Design Services	-	-
4	Schedule No. 4	Installation and Other Services	-	-
Grand Total			-	-

Name and Address of Bidder:

Signature and Seal of Bidder:

NEPAL ELECTRICITY AUTHORITY
Project Management Directorate
Province No. 2 Electrification Project

OCB No. ICB-PMD-REDNRP-076/77-01-Lot 3

Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

Schedule 1: Plant and Equipment including Mandatory Spare Parts Supplied from Abroad

FC-Foreign Currency

S.N.	Description of Material	Estimated		Country of Origin	CIP Project Site (Saptari and Siraha Districts) (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
C	11kV Distribution Line					
C1	Supply and Delivery of Materials for 11kV Distribution Line (Underground Cables, Three Core, Double Circuit)					
1	11kV Power Cable (Al conductor, XLPE insulated, 300 sq.mm., three core, armoured)	km	10			-
2	12kV, 630A Straight Through Joints outdoor type (three core) including all accessories complete	Set	10			-
3	11 kV Cable termination kit outdoor type (three core) including all accessories complete	Set	20			-
4	Flexible Pipe/Conduit (160mm dia) for three core XLPE cable laying including all complete accessories	km	9			-
5	HDPE Pipe (160mm dia, 6kg) for three core XLPE cable laying at road crossings including all complete accessories	km	1			-
6	9 kV Lightning Arrestor including all accessories complete	Set	10			-
7	11 kV Power Fuse (Drop Out Type) including all accessories complete	Set	10			-
	Subtotal of C1					-

Name and Address of Bidder:

Signature and Seal of Bidder:

NEPAL ELECTRICITY AUTHORITY
Project Management Directorate
Province No. 2 Electrification Project

OCB No. ICB-PMD-REDNRP-076/77-01-Lot 3

Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

Schedule 1: Plant and Equipment including Mandatory Spare Parts Supplied from Abroad

FC-Foreign Currency

S.N.	Description of Material	Estimated		Country of Origin	CIP Project Site (Saptari and Siraha Districts) (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
C2	Supply and Delivery of Materials for 11kV Distribution Line (Underground Cables, Three Core, Single Circuit)					
1	11kV Power Cable (Al conductor, XLPE insulated, 300 sq.mm., three core, armoured)	km	5			-
2	12kV, 630A Straight Through Joints outdoor type (three core) including all accessories complete	Set	5			-
3	11 kV Cable termination kit outdoor type (three core) including all accessories complete	Set	10			-
4	Flexible Pipe/Conduit (160mm dia) for three core XLPE cable laying including all complete accessories	km	5			-
5	HDPE Pipe (160mm dia, 6kg) for three core XLPE cable laying at road crossings including all complete accessories	km	0.5			-
6	9 kV Lightning Arrestor including all accessories complete	Set	5			-
7	11 kV Power Fuse (Drop Out Type) including all accessories complete	Set	5			-
	Subtotal of C2					-

Name and Address of Bidder:

Signature and Seal of Bidder:

NEPAL ELECTRICITY AUTHORITY
Project Management Directorate
Province No. 2 Electrification Project

OCB No. ICB-PMD-REDNRP-076/77-01-Lot 3

Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

Schedule 1: Plant and Equipment including Mandatory Spare Parts Supplied from Abroad

FC-Foreign Currency

S.N.	Description of Material	Estimated		Country of Origin	CIP Project Site (Saptari and Siraha Districts) (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
C3	Supply and Delivery of Materials for 11kV Distribution Line (Underground Cables, Single Core, Single Circuit)					
1	11kV Power Cable (Al conductor, XLPE insulated, 300 sq.mm., single core, armoured)	km	30			-
2	12kV, 630A Straight Through Joints outdoor type (single core-3Nos per set) including all accessories complete	Set	10			-
3	11 kV Cable termination kit outdoor type (single core-3Nos per set) including all accessories complete	Set	20			-
4	Flexible Pipe/Conduit (90 mm dia) for single core XLPE cable laying including all complete accessories	km	27			-
5	HDPE Pipe/Conduit (90 mm dia, 6kg) for single core XLPE cable laying at road crossing including all complete accessories	km	3			-
6	9 kV Lightning Arrestor including all accessories complete	Set	10			-
7	11 kV Power Fuse (Drop Out Type) including all accessories complete	Set	10			-
	Subtotal of C3					-

Name and Address of Bidder:

Signature and Seal of Bidder:

NEPAL ELECTRICITY AUTHORITY
Project Management Directorate
Province No. 2 Electrification Project

OCB No. ICB-PMD-REDNRP-076/77-01-Lot 3

Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

Schedule 1: Plant and Equipment including Mandatory Spare Parts Supplied from Abroad

FC-Foreign Currency

S.N.	Description of Material	Estimated		Country of Origin	CIP Project Site (Saptari and Siraha Districts) (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
C4	Supply and Delivery of Materials for 11kV Distribution Line (Covered Conductor & Accessories, Single Circuit)					
1	11m PSC Pole	Nos	563			-
2	11m Steel Tubular Pole (fully galvanized)	Nos	99			-
3	Covered Conductor (XLPE insulated, 120 sq.mm. AAC)	km	92.700			-
4	Pin Insulator for Covered Conductor with pulling sleeve/ties and all accessories complete	Set	1803			-
5	Tension Insulator for Covered Conductor with tension clamp and all accessories complete	Set	180			-
6	Power Arc Devices (3 Nos. per set)	Set	20			-
7	Termination Kits (3 Nos. per set)	Set	20			-
8	Tension Joining Kits (3 Nos. per set)	Set	90			-
9	Insulating Piercing Connectors	Nos	500			-
10	Horizontal Cross-Arm for Covered Conductor with all accessories complete	Set	540			-
11	Terminal Cross-Arm for Covered Conductor with all accessories complete	Set	122			-
12	Steel Cross Bracing Angle (2723x50x50x50*6mm) with suitable Pole Clamps and Nut Bolt	Set	61			-

Name and Address of Bidder:

Signature and Seal of Bidder:

NEPAL ELECTRICITY AUTHORITY
Project Management Directorate
Province No. 2 Electrification Project

OCB No. ICB-PMD-REDNRP-076/77-01-Lot 3

Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

Schedule 1: Plant and Equipment including Mandatory Spare Parts Supplied from Abroad

FC-Foreign Currency

S.N.	Description of Material	Estimated		Country of Origin	CIP Project Site (Saptari and Siraha Districts) (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
13	Steel Cross Bracing Angle (2071x50x50x6mm) with suitable Pole Clamps and Nut Bolt	Set	61			-
14	Offset Cross-Arm for Covered Conductor with all accessories complete	Set	30			-
15	Stay Set Complete (Stay Rod-16mm, Stay Plate-300x300x6mm, Eye Bolt-16mm, Turn Buckle-16mm)	Set	331			-
16	Stay Insulator	Nos	331			-
17	Stay Wire 7/12 SWG	kg	893.70			-
Subtotal of C4						-
C5	Supply and Delivery of Materials for 11kV Distribution Line (ACSR Conductor & Accessories - Composite Line)					
1	11m PSC Pole	Nos	1379			-
2	11m Steel Tubular Pole (fully galvanized)	Nos	243			-
3	ACSR Dog Conductor	km	185.400			-
4	11 kV Pin Insulator with Spindle & Nuts Bolts, washer all complete.	Set	4503			-
5	11kV Disc Insulator	Nos	360			-
6	Tension Set with Ball and Socket Eye	Nos	360			-

Name and Address of Bidder:

Signature and Seal of Bidder:

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Rural Electrification and Distribution Network Improvement in Province No. 2

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Schedule 1: Plant and Equipment including Mandatory Spare Parts Supplied from Abroad

FC-Foreign Currency

S.N.	Description of Material	Estimated		Country of Origin	CIP Project Site (Saptari and Siraha Districts) (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
7	Backstrap for Insulator String including(50*6*404mm) Nut-Bolt	Set	360			-
8	PG Clamps (For ACSR DOG to DOG Conductor and rated min. 400A)	Nos	360			-
9	Mid-Span Joining Sleeve (For ACSR Dog Conductor and Steel & rated min. 400 A)	Nos	180			-
10	Steel Top Cross Arm Channel (ISMC100x300mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	1380			-
11	Steel Cross Arm (ISMC100x1200mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	1380			-
12	Steel Cross Bracing Plate (Flat 50x6x660mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	2760			-
13	Steel Cross Arm (ISMC100x2390mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	242			-
14	Steel Cross Bracing Angle (ISA50x50x50*6x2723mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	242			-
15	Steel Cross Bracing Angle (ISA50x50x6x2071mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	242			-
16	Offset Steel Cross arm (ISMC100x1700mm and bracing Flat 50x6x877mm with suitable nut bolt fully galvanized)	Set	50			-

Name and Address of Bidder:

Signature and Seal of Bidder:

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Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

Schedule 1: Plant and Equipment including Mandatory Spare Parts Supplied from Abroad

FC-Foreign Currency

S.N.	Description of Material	Estimated		Country of Origin	CIP Project Site (Saptari and Siraha Districts) (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
17	Offset Steel Cross arm (ISMC100x2150mm and bracing Flat 50x6x977mm with suitable nut bolt fully galvanized)	Set	50			-
18	Stay Set Complete (Stay Rod-16mm, Stay Plate-300x300x6mm, Eye Bolt-16mm, Turn Buckle-16mm fully galvanized)	Set	841			-
19	Stay Insulator	Nos	841			-
20	Stay Wire (7/12 SWG)	Kg	2270.70			-
21	11 kV Air Break Switch including all complete accessories for pole mount.	Set	4			-
Subtotal of C5						-
C6	Supply and Delivery of Materials for 11kV Distribution Line (ACSR Conductor & Accessories, Double Circuit)					
1	11m PSC Pole	Nos	690			-
2	11m Steel Tubular Pole (fully galvanized)	Nos	122			-
3	ACSR Dog Conductor	km	185.400			-
4	11 kV Pin Insulator with Spindle & Nuts Bolts, washer all complete.	Set	4506			-
5	11kV Disc Insulator	Nos	360			-
6	Tension Set with Ball and Socket Eye	Nos	360			-

Name and Address of Bidder:

Signature and Seal of Bidder:

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Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

Schedule 1: Plant and Equipment including Mandatory Spare Parts Supplied from Abroad

FC-Foreign Currency

S.N.	Description of Material	Estimated		Country of Origin	CIP Project Site (Saptari and Siraha Districts) (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
7	Backstrap for Insulator String including(50*6*404mm) Nut-Bolt	Set	360			-
8	PG Clamps (For ACSR DOG to DOG Conductor and rated min. 400A)	Nos	360			-
9	Mid-Span Joining Sleeve (For ACSR Dog Conductor and Steel & rated min. 400 A)	Nos	180			-
10	Steel Cross Arm (ISMC100x1200mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	2070			-
11	Steel Cross Bracing Plate (Flat 50x6x660mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	4140			-
12	Steel Cross Arm (ISMC100x2390mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	366			-
13	Steel Cross Bracing Angle (ISA50x50x50*6x2723mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	244			-
14	Steel Cross Bracing Angle (ISA50x50x6x2071mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	244			-
15	Offset Steel Cross arm (ISMC100x1700mm and bracing Flat 50x6x877mm with suitable nut bolt fully galvanized)	Set	100			-
16	Offset Steel Cross arm (ISMC100x2150mm and bracing Flat 50x6x977mm with suitable nut bolt fully galvanized)	Set	100			-

Name and Address of Bidder:

Signature and Seal of Bidder:

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Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

Schedule 1: Plant and Equipment including Mandatory Spare Parts Supplied from Abroad

FC-Foreign Currency

S.N.	Description of Material	Estimated		Country of Origin	CIP Project Site (Saptari and Siraha Districts) (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
17	Stay Set Complete (Stay Rod-16mm, Stay Plate-300x300x6mm, Eye Bolt-16mm, Turn Buckle-16mm fully galvanized)	Set	421			-
18	Stay Insulator	Nos	421			-
19	Stay Wire (7/12 SWG)	Kg	1136.70			-
20	11 kV Air Break Switch including all complete accessories for pole mount.	Set	2			-
Subtotal of C6						-
C7	Supply and Delivery of Materials for 11kV Distribution Line (ACSR Conductor & Accessories, Single Circuit)					
1	11m PSC Pole	Nos	1404			-
2	11m Steel Tubular Pole (fully galvanized)	Nos	248			-
3	ACSR Dog Conductor	km	231.750			-
4	11 kV Pin Insulator with Spindle & Nuts Bolts, washer all complete.	Set	4503			-
5	11kV Disc Insulator	Nos	450			-
6	Tension Set with Ball and Socket Eye	Nos	450			-
7	Backstrap for Insulator String including(50*6*404mm) Nut-Bolt	Set	450			-

Name and Address of Bidder:

Signature and Seal of Bidder:

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Schedule of Rates and Prices

Schedule 1: Plant and Equipment including Mandatory Spare Parts Supplied from Abroad

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		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
8	PG Clamps (For ACSR DOG to DOG Conductor and rated min. 400A)	Nos	450			-
9	Mid-Span Joining Sleeve (For ACSR Dog Conductor and Steel & rated min. 400 A)	Nos	225			-
10	Steel Top Cross Arm Channel (ISMC100x300mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	1350			-
11	Steel Cross Arm (ISMC100x1200mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	1350			-
12	Steel Cross Bracing Plate (Flat 50x6x660mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	2700			-
13	Steel Cross Arm (ISMC100x2390mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	302			-
14	Steel Cross Bracing Angle (ISA50x50x50*6x2723mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	302			-
15	Steel Cross Bracing Angle (ISA50x50x6x2071mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	302			-
16	Offset Steel Cross arm (ISMC100x1700mm and bracing Flat 50x6x877mm with suitable nut bolt fully galvanized)	Set	50			-
17	Offset Steel Cross arm (ISMC100x2150mm and bracing Flat 50x6x977mm with suitable nut bolt fully galvanized)	Set	50			-

Name and Address of Bidder:

Signature and Seal of Bidder:

NEPAL ELECTRICITY AUTHORITY
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Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

Schedule 1: Plant and Equipment including Mandatory Spare Parts Supplied from Abroad

FC-Foreign Currency

S.N.	Description of Material	Estimated		Country of Origin	CIP Project Site (Saptari and Siraha Districts) (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
18	Stay Set Complete (Stay Rod-16mm, Stay Plate-300x300x6mm, Eye Bolt-16mm, Turn Buckle-16mm fully galvanized)	Set	841			-
19	Stay Insulator	Nos	841			-
20	Stay Wire (7/12 SWG)	Kg	2270.70			-
21	11 kV Air Break Switch including all complete accessories for pole mount.	Set	5			-
	Subtotal of C7					-
D	400V Distribution Line					
D1	Supply and Delivery of Materials for 400V Distribution Line (Composite AB Cable 4x95 sq.mm & Accessories)					
1	AB Cable 4x95 sq.mm.	km	61.8			-
2	Suspension Set with Pigtail all complete	Set	900			-
3	Tension Set with eyebolt all complete	Set	600			-
4	Mid-Span Cable Connector/Junction Sleeve	Set	240			-
5	Insulated Cable End Caps	Set	480			-
6	Insulating Piercing Connectors	Nos	6000			-
	Subtotal of D1					-

Name and Address of Bidder:

Signature and Seal of Bidder:

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Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

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FC-Foreign Currency

S.N.	Description of Material	Estimated		Country of Origin	CIP Project Site (Saptari and Siraha Districts) (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
D2	Supply and Delivery of Materials for 400V Distribution Line (AB Cable 4x95 sq.mm. & Accessories)					
1	9m PSC Pole	Nos	2860			-
2	9m Steel Tubular Pole (fully galvanized)	Nos	390			-
3	AB Cable 4x95 sq.mm.	km	133.9			-
4	Suspension Set with Pigtail all complete	Set	1950			-
5	Tension Set with eyebolt all complete	Set	1300			-
6	Mid-Span Cable Connector/Junction Sleeve	Set	520			-
7	Insulated Cable End Caps	Set	1040			-
8	Insulating Piercing Connectors	Nos	13000			-
9	Stay Set Complete (Stay Rod-16mm, Stay Plate-300x300x6mm, Eye Bolt-16mm, Turn Buckle-16mm fully galvanized)	Set	1560			-
10	Stay Insulator	Nos	1560			-
11	Stay Wire (7/12 SWG)	Kg	4212			-
	Subtotal of D2					-
D3	Supply and Delivery of Materials for 400V Distribution Line (AB Cable 4x70 sq.mm. & Accessories)					
1	9m PSC Pole	Nos	2860			-
2	9m Steel Tubular Pole (fully galvanized)	Nos	390			-

Name and Address of Bidder:

Signature and Seal of Bidder:

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Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

Schedule 1: Plant and Equipment including Mandatory Spare Parts Supplied from Abroad

FC-Foreign Currency

S.N.	Description of Material	Estimated		Country of Origin	CIP Project Site (Saptari and Siraha Districts) (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
3	AB Cable 4x70 sq.mm.	km	133.9			-
4	Suspension Set with Pigtail all complete	Set	1950			-
5	Tension Set with eyebolt all complete	Set	1300			-
6	Mid-Span Cable Connector/Junction Sleeve	Set	520			-
7	Insulated Cable End Caps	Set	1040			-
8	Insulating Piercing Connectors	Nos	13000			-
9	Stay Set Complete (Stay Rod-16mm, Stay Plate-300x300x6mm, Eye Bolt-16mm, Turn Buckle-16mm fully galvanized)	Set	1560			-
10	Stay Insulator	Nos	1560			-
11	Stay Wire (7/12 SWG)	Kg	4212			-
	Subtotal of D3					-
E	11/0.4kV Distribution Transformer					
E1	Supply and Delivery of Materials for 11/0.4kV Distribution Transformer 300kVA					
1	11/0.4kV 300kVA 3 ph. Distribution Transformer	Nos	50			-
2	Transformer Platform for 300kVA Transformer including DO & LA Fitting Channels, Clamps, Nutbolts all complete	Set	50			-
3	Surge Arrester 9kV	Set	50			-
4	Drop Out Fuse	Set	50			-

Name and Address of Bidder:

Signature and Seal of Bidder:

NEPAL ELECTRICITY AUTHORITY
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Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

Schedule 1: Plant and Equipment including Mandatory Spare Parts Supplied from Abroad

FC-Foreign Currency

S.N.	Description of Material	Estimated		Country of Origin	CIP Project Site (Saptari and Siraha Districts) (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
5	Outdoor Pole Mounted Distribution Panel Board (with 500A TP MCCB-1Nos, 250A TP MCCB-2Nos with Copper Busbars and Hardware) Complete Set	Set	50			-
6	LT PVC Cable (Al., 4 Core, 300 sq.mm., Armoured)	m	250			-
	Subtotal of E1					-
E2	Supply and Delivery of Materials for 11/0.4kV Distribution Transformer 200kVA					
1	11/0.4kV 200kVA 3 ph. Distribution Transformer	Nos	50			-
2	Transformer Platform for 200kVA Transformer including DO & LA Fitting Channels, Clamps, Nutbolts all complete	Set	50			-
3	Surge Arrester 9kV	Set	50			-
4	Drop Out Fuse	Set	50			-
5	Outdoor Pole Mounted Distribution Panel Board (with 320A TP MCCB-1Nos, 160A TP MCCB-2Nos with Copper Busbars and Hardware) Complete Set	Set	50			-
6	LT PVC Cable (Al., 4 Core, 400 sq.mm., Armoured)	m	250			-
	Subtotal of E2					-
E3	Supply and Delivery of Materials for 11/0.4kV Distribution Transformer 100kVA					

Name and Address of Bidder:

Signature and Seal of Bidder:

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Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

Schedule 1: Plant and Equipment including Mandatory Spare Parts Supplied from Abroad

FC-Foreign Currency

S.N.	Description of Material	Estimated		Country of Origin	CIP Project Site (Saptari and Siraha Districts) (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
1	11/0.4kV 100kVA 3 ph. Distribution Transformer	Nos	50			-
2	Transformer Platform for 100kVA Transformer including DO & LA Fitting Channels, Clamps, Nutbolts all complete	Set	50			-
3	Surge Arrester 9kV	Set	50			-
4	Drop Out Fuse	Set	50			-
5	Outdoor Pole Mounted Distribution Panel Board (with 160A TP MCCB-1Nos, 80A TP MCCB-2Nos with Copper Busbars and Hardware) Complete Set	Set	50			-
6	LT PVC Cable (Al., 4 Core, 150 sq.mm., Armoured)	m	250			-
Subtotal of E3						-
Total of Schedule 1 to be carried to Grand Summary						-

Name and Address of Bidder:

Signature and Seal of Bidder:

NEPAL ELECTRICITY AUTHORITY
Project Management Directorate
Province No. 2 Electrification Project

OCB No. ICB-PMD-REDNRP-076/77-01-Lot 3

Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

Schedule 2: Plant and Equipment including Mandatory Spare Parts Supplied from Employer's Country

LC-Local Currency

S.N.	Description of Material	Estimated		Country of Origin	EXW (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
C	11kV Distribution Line					
C1	Supply and Delivery of Materials for 11kV Distribution Line (Underground Cables, Three Core, Double Circuit)					
1	11kV Power Cable (Al conductor, XLPE insulated, 300 sq.mm., three core, armoured)	km	10			-
2	12kV, 630A Straight Through Joints outdoor type (three core) including all accessories complete	Set	10			-
3	11 kV Cable termination kit outdoor type (three core) including all accessories complete	Set	20			-
4	Flexible Pipe/Conduit (160mm dia) for three core XLPE cable laying including all complete accessories	km	9			-
5	HDPE Pipe (160mm dia, 6kg) for three core XLPE cable laying at road crossings including all complete accessories	km	1			-
6	9 kV Lightning Arrestor including all accessories complete	Set	10			-
7	11 kV Power Fuse (Drop Out Type) including all accessories complete	Set	10			-
	Subtotal of C1					-

Name and Address of Bidder:

Signature and Seal of Bidder:

NEPAL ELECTRICITY AUTHORITY
Project Management Directorate
Province No. 2 Electrification Project

OCB No. ICB-PMD-REDNRP-076/77-01-Lot 3

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Schedule 2: Plant and Equipment including Mandatory Spare Parts Supplied from Employer's Country

LC-Local Currency

S.N.	Description of Material	Estimated		Country of Origin	EXW (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
C2	Supply and Delivery of Materials for 11kV Distribution Line (Underground Cables, Three Core, Single Circuit)					
1	11kV Power Cable (Al conductor, XLPE insulated, 300 sq.mm., three core, armoured)	km	5			-
2	12kV, 630A Straight Through Joints outdoor type (three core) including all accessories complete	Set	5			-
3	11 kV Cable termination kit outdoor type (three core) including all accessories complete	Set	10			-
4	Flexible Pipe/Conduit (160mm dia) for three core XLPE cable laying including all complete accessories	km	5			-
5	HDPE Pipe (160mm dia, 6kg) for three core XLPE cable laying at road crossings including all complete accessories	km	0.5			-
6	9 kV Lightning Arrestor including all accessories complete	Set	5			-
7	11 kV Power Fuse (Drop Out Type) including all accessories complete	Set	5			-
	Subtotal of C2					-

Name and Address of Bidder:

Signature and Seal of Bidder:

NEPAL ELECTRICITY AUTHORITY
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Schedule 2: Plant and Equipment including Mandatory Spare Parts Supplied from Employer's Country

LC-Local Currency

S.N.	Description of Material	Estimated		Country of Origin	EXW (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
C3	Supply and Delivery of Materials for 11kV Distribution Line (Underground Cables, Single Core, Single Circuit)					
1	11kV Power Cable (Al conductor, XLPE insulated, 300 sq.mm., single core, armoured)	km	30			-
2	12kV, 630A Straight Through Joints outdoor type (single core-3Nos per set) including all accessories complete	Set	10			-
3	11 kV Cable termination kit outdoor type (single core-3Nos per set) including all accessories complete	Set	20			-
4	Flexible Pipe/Conduit (90 mm dia) for single core XLPE cable laying including all complete accessories	km	27			-
5	HDPE Pipe/Conduit (90 mm dia, 6kg) for single core XLPE cable laying at road crossing including all complete accessories	km	3			-
6	9 kV Lightning Arrestor including all accessories complete	Set	10			-
7	11 kV Power Fuse (Drop Out Type) including all accessories complete	Set	10			-
	Subtotal of C3					-

Name and Address of Bidder:

Signature and Seal of Bidder:

NEPAL ELECTRICITY AUTHORITY
Project Management Directorate
Province No. 2 Electrification Project

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Schedule of Rates and Prices

Schedule 2: Plant and Equipment including Mandatory Spare Parts Supplied from Employer's Country

LC-Local Currency

S.N.	Description of Material	Estimated		Country of Origin	EXW (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
C4	Supply and Delivery of Materials for 11kV Distribution Line (Covered Conductor & Accessories, Single Circuit)					
1	11m PSC Pole	Nos	563			-
2	11m Steel Tubular Pole (fully galvanized)	Nos	99			-
3	Covered Conductor (XLPE insulated, 120 sq.mm. AAC)	km	92.700			-
4	Pin Insulator for Covered Conductor with pulling sleeve/ties and all accessories complete	Set	1803			-
5	Tension Insulator for Covered Conductor with tension clamp and all accessories complete	Set	180			-
6	Power Arc Devices (3 Nos. per set)	Set	20			-
7	Termination Kits (3 Nos. per set)	Set	20			-
8	Tension Joining Kits (3 Nos. per set)	Set	90			-
9	Insulating Piercing Connectors	Nos	500			-
10	Horizontal Cross-Arm for Covered Conductor with all accessories complete	Set	540			-
11	Terminal Cross-Arm for Covered Conductor with all accessories complete	Set	122			-
12	Steel Cross Bracing Angle (2723x50x50x50*6mm) with suitable Pole Clamps and Nut Bolt	Set	61			-

Name and Address of Bidder:

Signature and Seal of Bidder:

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Schedule 2: Plant and Equipment including Mandatory Spare Parts Supplied from Employer's Country

LC-Local Currency

S.N.	Description of Material	Estimated		Country of Origin	EXW (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
13	Steel Cross Bracing Angle (2071x50x50x6mm) with suitable Pole Clamps and Nut Bolt	Set	61			-
14	Offset Cross-Arm for Covered Conductor with all accessories complete	Set	30			-
15	Stay Set Complete (Stay Rod-16mm, Stay Plate-300x300x6mm, Eye Bolt-16mm, Turn Buckle-16mm)	Set	331			-
16	Stay Insulator	Nos	331			-
17	Stay Wire 7/12 SWG	kg	893.70			-
Subtotal of C4						-
C5	Supply and Delivery of Materials for 11kV Distribution Line (ACSR Conductor & Accessories - Composite Line)					
1	11m PSC Pole	Nos	1379			-
2	11m Steel Tubular Pole (fully galvanized)	Nos	243			-
3	ACSR Dog Conductor	km	185.400			-
4	11 kV Pin Insulator with Spindle & Nuts Bolts, washer all complete.	Set	4503			-
5	11kV Disc Insulator	Nos	360			-
6	Tension Set with Ball and Socket Eye	Nos	360			-

Name and Address of Bidder:

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Schedule of Rates and Prices

Schedule 2: Plant and Equipment including Mandatory Spare Parts Supplied from Employer's Country

LC-Local Currency

S.N.	Description of Material	Estimated		Country of Origin	EXW (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
7	Backstrap for Insulator String including(50*6*404mm) Nut-Bolt	Set	360			-
8	PG Clamps (For ACSR DOG to DOG Conductor and rated min. 400A)	Nos	360			-
9	Mid-Span Joining Sleeve (For ACSR Dog Conductor and Steel & rated min. 400 A)	Nos	180			-
10	Steel Top Cross Arm Channel (ISMC100x300mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	1380			-
11	Steel Cross Arm (ISMC100x1200mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	1380			-
12	Steel Cross Bracing Plate (Flat 50x6x660mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	2760			-
13	Steel Cross Arm (ISMC100x2390mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	242			-
14	Steel Cross Bracing Angle (ISA50x50x50*6x2723mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	242			-
15	Steel Cross Bracing Angle (ISA50x50x6x2071mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	242			-
16	Offset Steel Cross arm (ISMC100x1700mm and bracing Flat 50x6x877mm with suitable nut bolt fully galvanized)	Set	50			-

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Schedule 2: Plant and Equipment including Mandatory Spare Parts Supplied from Employer's Country

LC-Local Currency

S.N.	Description of Material	Estimated		Country of Origin	EXW (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
17	Offset Steel Cross arm (ISMC100x2150mm and bracing Flat 50x6x977mm with suitable nut bolt fully galvanized)	Set	50			-
18	Stay Set Complete (Stay Rod-16mm, Stay Plate-300x300x6mm, Eye Bolt-16mm, Turn Buckle-16mm fully galvanized)	Set	841			-
19	Stay Insulator	Nos	841			-
20	Stay Wire (7/12 SWG)	Kg	2270.70			-
21	11 kV Air Break Switch including all complete accessories for pole mount.	Set	4			-
Subtotal of C5						-
C6	Supply and Delivery of Materials for 11kV Distribution Line (ACSR Conductor & Accessories, Double Circuit)					
1	11m PSC Pole	Nos	690			-
2	11m Steel Tubular Pole (fully galvanized)	Nos	122			-
3	ACSR Dog Conductor	km	185.400			-
4	11 kV Pin Insulator with Spindle & Nuts Bolts, washer all complete.	Set	4506			-
5	11kV Disc Insulator	Nos	360			-
6	Tension Set with Ball and Socket Eye	Nos	360			-

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Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

Schedule 2: Plant and Equipment including Mandatory Spare Parts Supplied from Employer's Country

LC-Local Currency

S.N.	Description of Material	Estimated		Country of Origin	EXW (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
7	Backstrap for Insulator String including(50*6*404mm) Nut-Bolt	Set	360			-
8	PG Clamps (For ACSR DOG to DOG Conductor and rated min. 400A)	Nos	360			-
9	Mid-Span Joining Sleeve (For ACSR Dog Conductor and Steel & rated min. 400 A)	Nos	180			-
10	Steel Cross Arm (ISMC100x1200mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	2070			-
11	Steel Cross Bracing Plate (Flat 50x6x660mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	4140			-
12	Steel Cross Arm (ISMC100x2390mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	366			-
13	Steel Cross Bracing Angle (ISA50x50x50*6x2723mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	244			-
14	Steel Cross Bracing Angle (ISA50x50x6x2071mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	244			-
15	Offset Steel Cross arm (ISMC100x1700mm and bracing Flat 50x6x877mm with suitable nut bolt fully galvanized)	Set	100			-
16	Offset Steel Cross arm (ISMC100x2150mm and bracing Flat 50x6x977mm with suitable nut bolt fully galvanized)	Set	100			-

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Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

Schedule 2: Plant and Equipment including Mandatory Spare Parts Supplied from Employer's Country

LC-Local Currency

S.N.	Description of Material	Estimated		Country of Origin	EXW (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
17	Stay Set Complete (Stay Rod-16mm, Stay Plate-300x300x6mm, Eye Bolt-16mm, Turn Buckle-16mm fully galvanized)	Set	421			-
18	Stay Insulator	Nos	421			-
19	Stay Wire (7/12 SWG)	Kg	1136.70			-
20	11 kV Air Break Switch including all complete accessories for pole mount.	Set	2			-
Subtotal of C6						-
C7	Supply and Delivery of Materials for 11kV Distribution Line (ACSR Conductor & Accessories, Single Circuit)					
1	11m PSC Pole	Nos	1404			-
2	11m Steel Tubular Pole (fully galvanized)	Nos	248			-
3	ACSR Dog Conductor	km	231.750			-
4	11 kV Pin Insulator with Spindle & Nuts Bolts, washer all complete.	Set	4503			-
5	11kV Disc Insulator	Nos	450			-
6	Tension Set with Ball and Socket Eye	Nos	450			-
7	Backstrap for Insulator String including(50*6*404mm) Nut-Bolt	Set	450			-

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Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

Schedule 2: Plant and Equipment including Mandatory Spare Parts Supplied from Employer's Country

LC-Local Currency

S.N.	Description of Material	Estimated		Country of Origin	EXW (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
8	PG Clamps (For ACSR DOG to DOG Conductor and rated min. 400A)	Nos	450			-
9	Mid-Span Joining Sleeve (For ACSR Dog Conductor and Steel & rated min. 400 A)	Nos	225			-
10	Steel Top Cross Arm Channel (ISMC100x300mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	1350			-
11	Steel Cross Arm (ISMC100x1200mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	1350			-
12	Steel Cross Bracing Plate (Flat 50x6x660mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	2700			-
13	Steel Cross Arm (ISMC100x2390mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	302			-
14	Steel Cross Bracing Angle (ISA50x50x50*6x2723mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	302			-
15	Steel Cross Bracing Angle (ISA50x50x6x2071mm with suitable Pole Clamps and Nut Bolt fully galvanized)	Set	302			-
16	Offset Steel Cross arm (ISMC100x1700mm and bracing Flat 50x6x877mm with suitable nut bolt fully galvanized)	Set	50			-
17	Offset Steel Cross arm (ISMC100x2150mm and bracing Flat 50x6x977mm with suitable nut bolt fully galvanized)	Set	50			-

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Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

Schedule 2: Plant and Equipment including Mandatory Spare Parts Supplied from Employer's Country

LC-Local Currency

S.N.	Description of Material	Estimated		Country of Origin	EXW (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
18	Stay Set Complete (Stay Rod-16mm, Stay Plate-300x300x6mm, Eye Bolt-16mm, Turn Buckle-16mm fully galvanized)	Set	841			-
19	Stay Insulator	Nos	841			-
20	Stay Wire (7/12 SWG)	Kg	2270.70			-
21	11 kV Air Break Switch including all complete accessories for pole mount.	Set	5			-
Subtotal of C7						-
D	400V Distribution Line					
D1	Supply and Delivery of Materials for 400V Distribution Line (Composite AB Cable 4x95 sq.mm & Accessories)					
1	AB Cable 4x95 sq.mm.	km	61.8			-
2	Suspension Set with Pigtail all complete	Set	900			-
3	Tension Set with eyebolt all complete	Set	600			-
4	Mid-Span Cable Connector/Junction Sleeve	Set	240			-
5	Insulated Cable End Caps	Set	480			-
6	Insulating Piercing Connectors	Nos	6000			-
Subtotal of D1						-

Name and Address of Bidder:

Signature and Seal of Bidder:

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Schedule 2: Plant and Equipment including Mandatory Spare Parts Supplied from Employer's Country

LC-Local Currency

S.N.	Description of Material	Estimated		Country of Origin	EXW (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
D2	Supply and Delivery of Materials for 400V Distribution Line (AB Cable 4x95 sq.mm. & Accessories)					
1	9m PSC Pole	Nos	2860			-
2	9m Steel Tubular Pole (fully galvanized)	Nos	390			-
3	AB Cable 4x95 sq.mm.	km	133.9			-
4	Suspension Set with Pigtail all complete	Set	1950			-
5	Tension Set with eyebolt all complete	Set	1300			-
6	Mid-Span Cable Connector/Junction Sleeve	Set	520			-
7	Insulated Cable End Caps	Set	1040			-
8	Insulating Piercing Connectors	Nos	13000			-
9	Stay Set Complete (Stay Rod-16mm, Stay Plate-300x300x6mm, Eye Bolt-16mm, Turn Buckle-16mm fully galvanized)	Set	1560			-
10	Stay Insulator	Nos	1560			-
11	Stay Wire (7/12 SWG)	Kg	4212			-
	Subtotal of D2					-
D3	Supply and Delivery of Materials for 400V Distribution Line (AB Cable 4x70 sq.mm. & Accessories)					
1	9m PSC Pole	Nos	2860			-

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Schedule 2: Plant and Equipment including Mandatory Spare Parts Supplied from Employer's Country

LC-Local Currency

S.N.	Description of Material	Estimated		Country of Origin	EXW (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
2	9m Steel Tubular Pole (fully galvanized)	Nos	390			-
3	AB Cable 4x70 sq.mm.	km	133.9			-
4	Suspension Set with Pigtail all complete	Set	1950			-
5	Tension Set with eyebolt all complete	Set	1300			-
6	Mid-Span Cable Connector/Junction Sleeve	Set	520			-
7	Insulated Cable End Caps	Set	1040			-
8	Insulating Piercing Connectors	Nos	13000			-
9	Stay Set Complete (Stay Rod-16mm, Stay Plate-300x300x6mm, Eye Bolt-16mm, Turn Buckle-16mm fully galvanized)	Set	1560			-
10	Stay Insulator	Nos	1560			-
11	Stay Wire (7/12 SWG)	Kg	4212			-
Subtotal of D3						-
E	11/0.4kV Distribution Transformer					
E1	Supply and Delivery of Materials for 11/0.4kV Distribution Transformer 300kVA					
1	11/0.4kV 300kVA 3 ph. Distribution Transformer	Nos	50			-
2	Transformer Platform for 300kVA Transformer including DO & LA Fitting Channels, Clamps, Nutbolts all complete	Set	50			-

Name and Address of Bidder:

Signature and Seal of Bidder:

NEPAL ELECTRICITY AUTHORITY
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Schedule 2: Plant and Equipment including Mandatory Spare Parts Supplied from Employer's Country

LC-Local Currency

S.N.	Description of Material	Estimated		Country of Origin	EXW (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
3	Surge Arrester 9kV	Set	50			-
4	Drop Out Fuse	Set	50			-
5	Outdoor Pole Mounted Distribution Panel Board (with 500A TP MCCB-1Nos, 250A TP MCCB-2Nos with Copper Busbars and Hardware) Complete Set	Set	50			-
6	LT PVC Cable (Al., 4 Core, 300 sq.mm., Armoured)	m	250			-
Subtotal of E1						-
E2	Supply and Delivery of Materials for 11/0.4kV Distribution Transformer 200kVA					
1	11/0.4kV 200kVA 3 ph. Distribution Transformer	Nos	50			-
2	Transformer Platform for 200kVA Transformer including DO & LA Fitting Channels, Clamps, Nutbolts all complete	Set	50			-
3	Surge Arrester 9kV	Set	50			-
4	Drop Out Fuse	Set	50			-
5	Outdoor Pole Mounted Distribution Panel Board (with 320A TP MCCB-1Nos, 160A TP MCCB-2Nos with Copper Busbars and Hardware) Complete Set	Set	50			-
6	LT PVC Cable (Al., 4 Core, 400 sq.mm., Armoured)	m	250			-
Subtotal of E2						-

Name and Address of Bidder:

Signature and Seal of Bidder:

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LC-Local Currency

S.N.	Description of Material	Estimated		Country of Origin	EXW (Excluding Taxes and Duties applicable in Nepal)	
		Unit	Quantity		FC	
					Unit Price	Total Price
1	2	3	4	5	6	7=6*4
E3	Supply and Delivery of Materials for 11/0.4kV Distribution Transformer 100kVA					
1	11/0.4kV 100kVA 3 ph. Distribution Transformer	Nos	50			-
2	Transformer Platform for 100kVA Transformer including DO & LA Fitting Channels, Clamps, Nutbolts all complete	Set	50			-
3	Surge Arrester 9kV	Set	50			-
4	Drop Out Fuse	Set	50			-
5	Outdoor Pole Mounted Distribution Panel Board (with 160A TP MCCB-1Nos, 80A TP MCCB-2Nos with Copper Busbars and Hardware) Complete Set	Set	50			-
6	LT PVC Cable (Al., 4 Core, 150 sq.mm., Armoured)	m	250			-
	Subtotal of E3					-
	Total of Schedule 2 to be carried to Grand Summary					-

Name and Address of Bidder:

Signature and Seal of Bidder:

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Rural Electrification and Distribution Network Improvement in Province No. 2

Schedule of Rates and Prices

FC-Foreign Currency

LC-Local Currency

Schedule 3: Design Services

S.N.	Description	Estimated		Unit Price		Total Price	
		Unit	Quantity	FC	LC	FC	LC
1	2	3	4	5	6	7=5*4	8=6*4
C	Design Services of 11kV Distribution Line						
1	Preconstruction Survey, Design and Drawings of 11kV Line as per the scope of the project	LS	1			-	-
2	As Built Drawings, Testing and Commissioning of 11kV Line as per the scope of the project	LS	1			-	-
	Subtotal of C					-	-
D	Design Services of 400V Distribution Line						
1	Preconstruction Survey, Design and Drawings of 400V Line as per the scope of the project	LS	1			-	-
2	As Built Drawings, Testing and Commissioning of 400V Line as per the scope of the project	LS	1			-	-
	Subtotal of D					-	-
	Total of Schedule 3 to be carried to Grand Summary					-	-

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Schedule 4: Installation and Other Services

S.N.	Description	Estimated		Unit Price		Total Price	
		Unit	Quantity	FC	LC	FC	LC
1	2	3	4	5	6	7=5*4	8=6*4
C	11kV Distribution Line						
C1	Erection Works of 11kV Distribution Line (Underground Cables, Three Core, Double Circuit)						
1	11kV Underground Power Cable Laying works (2Nos of three Core Conductor in 2 Nos of Flexible Pipe/HDPE Pipe/Conduits) including transportation to site and Restoration of road to original with required drainage, pavement, black-topping, subbase and base as per TS of Department of Roads and/or respective Municipality	km	5			-	-
2	Installation of XLPE Cable Straight Through Joints including Accessories Complete including transportation to site	Set	10			-	-
3	Installation of XLPE Cable Termination Kit including Accessories Complete including transportation to site	Set	20			-	-
4	Supply & Installation of Danger Sheets and Route Markers Complete including transportation to site	km	5			-	-
5	Earthing Works including supply of Earthing Materials required in Underground Cable Terminations, Straight Through Joints, etc. to complete specified scope of works including transportation to site	Set	5			-	-
6	Design & Construction of Cable Joining Station/Pits	Set	5			-	-
	Subtotal of C1					-	-
C2	Erection Works of 11kV Distribution Line (Underground Cables, Three Core, Single Circuit)						

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S.N.	Description	Estimated		Unit Price		Total Price	
		Unit	Quantity	FC	LC	FC	LC
1	2	3	4	5	6	7=5*4	8=6*4
1	11kV Underground Power Cable Laying works (1 Nos of three Core Conductor in 1 Nos of Flexible Pipe/HDPE Pipe/Conduits) including transportation to site and Restoration of road to original with required drainage, pavement, black-topping, subbase and base as per TS of Department of Roads and/or respective Municipality	km	5			-	-
2	Installation of XLPE Cable Straight Through Joints including Accessories Complete including transportation to site	Set	5			-	-
3	Installation of XLPE Cable Termination Kit including Accessories Complete including transportation to site	Set	10			-	-
4	Supply & Installation of Danger Sheets and Route Markers Complete including transportation to site	km	5			-	-
5	Earthing Works including supply of Earthing Materials required in Underground Cable Terminations, Straight Through Joints, etc. to complete specified scope of works including transportation to site	Set	5			-	-
6	Design & Construction of Cable Joining Station/Pits	Set	5			-	-
Subtotal of C2						-	-
C3	Erection Works of 11kV Distribution Line (Underground Cables, Single Core, Single Circuit)						

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Schedule 4: Installation and Other Services

S.N.	Description	Estimated		Unit Price		Total Price	
		Unit	Quantity	FC	LC	FC	LC
1	2	3	4	5	6	7=5*4	8=6*4
1	11kV Underground Power Cable Laying works (3Nos of Single Core Conductor in 3 Nos of Flexible Pipe/Conduits) including transportation to site and Restoration of road to original with required drainage, pavement, black-topping, subbase and base as per TS of Department of Roads and/or respective Municipality	km	10			-	-
2	Installation of XLPE Cable Straight Through Joints including Accessories Complete including transportation to site	Set	10			-	-
3	Installation of XLPE Cable Termination Kit including Accessories Complete including transportation to site	Set	20			-	-
4	Supply & Installation of Danger Sheets and Route Markers Complete including transportation to site	km	10			-	-
5	Earthing Works including supply of Earthing Materials required in Underground Cable Terminations, Straight Through Joints, etc. to complete specified scope of works including transportation to site	Set	10			-	-
6	Design & Construction of Cable Joining Station/Pits	Set	10			-	-
	Subtotal of C3					-	-
C4	Erection Works of 11kV Line (Covered Conductor & Accessories, Single Circuit)						
1	Erection works of 11m PSC Pole with Hardware fittings all complete including transportation to site	Set	563			-	-
2	Erection works of 11m Steel Tubular Pole with Hardware fittings all complete including transportation to site	Set	99			-	-

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Schedule 4: Installation and Other Services

S.N.	Description	Estimated		Unit Price		Total Price	
		Unit	Quantity	FC	LC	FC	LC
1	2	3	4	5	6	7=5*4	8=6*4
3	Stringing, Testing and Commissioning of 11kV Covered Conductor (120mm ²) with accessories all complete including transportation to site	km	30			-	-
4	Stay set installation works with stay wire, rod, ties & insulator all complete including transportation to site	Set	331			-	-
5	Dismantling of existing HT Poles (Dismantle 11m or 10m Wooden, Steel Tubular or PSC Type poles and carry back to office store safely) all complete	Set	50			-	-
6	Dismantling of existing HT Conductor-3wire and Pole Accessories (Dismantle and carry back to office store safely) all complete	km	2			-	-
Subtotal of C4						-	-
C5	Erection Works of 11kV Distribution Line (ACSR Conductor & Accessories - Composite Line)						
1	Erection works of 11m PSC Pole with Hardware fittings all complete including transportation to site	Set	1379			-	-
2	Erection works of 11m Steel Tubular Pole with Hardware fittings all complete including transportation to site	Set	243			-	-
3	Stringing, Testing and Commissioning of ACSR DOG Conductor, 3 wire all complete including transportation to site	km	60			-	-
4	Stay set installation works with stay wire, rod, ties & insulator all complete including transportation to site	Set	841			-	-
5	Installation of Pole Mounted 11kV Air Break Switch all complete including transportation to site	Set	4			-	-

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Schedule 4: Installation and Other Services

S.N.	Description	Estimated		Unit Price		Total Price	
		Unit	Quantity	FC	LC	FC	LC
1	2	3	4	5	6	7=5*4	8=6*4
6	Dismantling of existing HT Poles (Dismantle 11m or 10m Wooden, Steel Tubular or PSC Type poles and carry back to office store safely) all complete	Set	400			-	-
7	Dismantling of existing HT Conductor-3 wire and Pole Accessories (Dismantle and carry back to office store safely) all complete	km	16			-	-
Subtotal of C5						-	-
C6	Erection Works of 11kV Distribution Line (ACSR Conductor & Accessories, Double Circuit)						
1	Erection works of 11m PSC Pole with Hardware fittings all complete including transportation to site	Set	690			-	-
2	Erection works of 11m Steel Tubular Pole with Hardware fittings all complete including transportation to site	Set	122			-	-
3	Stringing, Testing and Commissioning of ACSR DOG Conductor, 6 wire all complete including transportation to site	km	30			-	-
4	Stay set installation works with stay wire, rod, ties & insulator all complete including transportation to site	Set	421			-	-
5	Installation of Pole Mounted 11kV Air Break Switch all complete including transportation to site	Set	2			-	-
6	Dismantling of existing HT Poles (Dismantle 11m or 10m Wooden, Steel Tubular or PSC Type poles and carry back to office store safely) all complete	Set	300			-	-

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Schedule 4: Installation and Other Services

S.N.	Description	Estimated		Unit Price		Total Price	
		Unit	Quantity	FC	LC	FC	LC
1	2	3	4	5	6	7=5*4	8=6*4
7	Dismantling of existing HT Conductor-3 wire and Pole Accessories (Dismantle and carry back to office store safely) all complete	km	12			-	-
Subtotal of C6						-	-
C7	Erection Works of 11kV Distribution Line (ACSR Conductor & Accessories, Single Circuit)						
1	Erection works of 11m PSC Pole with Hardware fittings all complete including transportation to site	Set	1404			-	-
2	Erection works of 11m Steel Tubular Pole with Hardware fittings all complete including transportation to site	Set	248			-	-
3	Stringing, Testing and Commissioning of ACSR DOG Conductor, 3 wire all complete including transportation to site	km	75			-	-
4	Stay set installation works with stay wire, rod, ties & insulator all complete including transportation to site	Set	841			-	-
5	Installation of Pole Mounted 11kV Air Break Switch all complete including transportation to site	Set	5			-	-
6	Dismantling of existing HT Poles (Dismantle 11m or 10m Wooden, Steel Tubular or PSC Type poles and carry back to office store safely) all complete	Set	1000			-	-
7	Dismantling of existing HT Conductor-3 wire (Dismantle and carry back to office store safely) all complete	km	40			-	-
Subtotal of C7						-	-
D	400V Distribution Line						

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Schedule 4: Installation and Other Services

S.N.	Description	Estimated		Unit Price		Total Price	
		Unit	Quantity	FC	LC	FC	LC
1	2	3	4	5	6	7=5*4	8=6*4
D1	Erection of 400V Distribution Line (Composite AB Cable 4x95 sq.mm & Accessories)						
1	Stringing of AB Cable with hardware fittings all complete including transportation to site	km	60			-	-
2	Reconnection Works of Service Cable (Single Phase and/or Three Phase)	Nos	3000			-	-
	Subtotal of D1					-	-
D2	Erection of 400V Distribution Line (AB Cable 4x95 sq.mm & Accessories)						
1	Erection works of 9m PSC Poles with Hardware fittings & accessories all complete including transportation to site	Set	2860			-	-
2	Erection works of 9m Steel Tubular Poles with Hardware fittings & accessories all complete including transportation to site	Set	390			-	-
3	Stringing, Testing and Commissioning of AB Cable with hardware fittings all complete including transportation to site	km	130			-	-
4	Stay set installation works with stay wire, rod, ties & insulator all complete including transportation to site	Set	1560			-	-
5	Dismantling of existing LT Poles (Dismantle 9m or 8m Wooden, Steel Tubular or PSC Type poles and carry back to office store safely) all complete	Set	1000			-	-
6	Dismantling of existing LT Conductor-4,3 or 2 wire (Dismantle and carry back to office store safely) all complete	km	40			-	-

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Schedule 4: Installation and Other Services

S.N.	Description	Estimated		Unit Price		Total Price	
		Unit	Quantity	FC	LC	FC	LC
1	2	3	4	5	6	7=5*4	8=6*4
7	Reconnection Works of Service Cable (Single Phase and/or Three Phase)	Nos	6500			-	-
	Subtotal of D2					-	-
D3	Erection of 400V Distribution Line (AB Cable 4x70 sq.mm & Accessories)						
1	Erection works of 9m PSC Poles with Hardware fittings & accessories all complete including transportation to site	Set	2860			-	-
2	Erection works of 9m Steel Tubular Poles with Hardware fittings & accessories all complete including transportation to site		390			-	-
3	Stringing, Testing and Commissioning of AB Cable with hardware fittings all complete including transportation to site	km	130			-	-
4	Stay set installation works with stay wire, rod, ties & insulator all complete including transportation to site	Set	1560			-	-
5	Dismantling of existing LT Poles (Dismantle 9m or 8m Wooden, Steel Tubular or PSC Type poles and carry back to office store safely) all complete	Set	1000			-	-
6	Dismantling of existing LT Conductor-4,3 or 2 wire & Pole Accessories (Dismantle and carry back to office store safely) all complete	km	40			-	-
7	Reconnection Works of Service Cable (Single Phase and/or Three Phase)	Nos	6500			-	-
	Subtotal of D3					-	-

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Schedule 4: Installation and Other Services

S.N.	Description	Estimated		Unit Price		Total Price	
		Unit	Quantity	FC	LC	FC	LC
1	2	3	4	5	6	7=5*4	8=6*4
E	11/0.4kV Distribution Transformer						
E1	Erection of 11/0.4kV Distribution Transformer 300kVA						
1	Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete	Set	50			-	-
2	Surge Arrester Installation and Commissioning all complete	Set	50			-	-
3	Drop-Out Fuse Installation and Commissioning all complete	Set	50			-	-
4	Supply, Delivery, Installation and Commissioning of Earthing Set all complete	Set	50			-	-
	Subtotal of E1					-	-
E2	Erection of 11/0.4kV Distribution Transformer 200kVA						
1	Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete	Set	50			-	-
2	Surge Arrester Installation and Commissioning all complete	Set	50			-	-
3	Drop-Out Fuse Installation and Commissioning all complete	Set	50			-	-
4	Supply, Installation and Commissioning of Earthing Set all complete	Set	50			-	-
	Subtotal of E2					-	-
E3	Erection of 11/0.4kV Distribution Transformer 100kVA						
1	Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete	Set	50			-	-
2	Surge Arrester Installation and Commissioning all complete	Set	50			-	-
3	Drop-Out Fuse Installation and Commissioning all complete	Set	50			-	-

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Schedule 4: Installation and Other Services

S.N.	Description	Estimated		Unit Price		Total Price	
		Unit	Quantity	FC	LC	FC	LC
1	2	3	4	5	6	7=5*4	8=6*4
4	Supply, Installation and Commissioning of Earthing Set all complete	Set	50			-	-
	Subtotal of E3					-	-
	Total of Schedule 4 to be carried to Grand Summary					-	-

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