#### **NEPAL ELECTRICITY AUTHORITY**

(An Undertaking of Government of Nepal)

### DISTRIBUTION AND CONSUMER SERVICES DIRECTORATE DISTRIBUTION SYSTEM UPGRADE AND EXPANSION PROJECT



### **TENDER DOCUMENT**

for

Procurement of material, equipment, associated accessories and necessary installation services including design, erection, testing, and commissioning of 33/11 kV Substations and 33 kV, 11 kV, 400 V Lines and Distribution System Network - Package No. EIB-W3

Package No. EIB-W3 Subprojects: Musya of Baitadi District, and Budhiganga and Kolti of Bajura District

Single-Stage: Two-Envelope Tender Procedure

Issued on:

Invitation for Tenders No.: ICB-DCSD-2078/79-DSUEP-EIB-W3

Contract Ref. No.: ICB-DCSD-2078/79-DSUEP-EIB-W3

**Employer: Nepal Electricity Authority** 

Country: Nepal

### Volume IIIB of III (BoQ for 11 kV Lines, Distribution Transformers and Low-Tension lines)

Distribution System Upgrade and Expansion Project Distribution and Consumer Services Directorate Nepal Electricity Authority Durbarmarg, Kathmandu

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Name of Tenderer \_\_\_\_\_

Signature of Tenderer



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Name of Tenderer \_\_\_\_\_

Signature of Tenderer

Name of Tenderer \_\_\_\_\_

Signature of Tenderer\_

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### Nepal Electricity Authority

### Distribution and Consumer Services Directorate

### Distribution System Upgrade and Expansion Project

#### Schedule of Rates and Prices

### Schedule No. 5: Grand Summary (Excluding Custom Duty and VAT applicable in Employer's Country)

FC: USD

LC: NPR

Schedule No.	Title	Total Price			
Scriedule No.	Title	Foreign Currency	Local Currency		
1	Plant and Mandatory Spare Parts Supplied from Abroad	-	-		
2	Plant and Mandatory Spare Parts Supplied from Within the Employer's Country	-	-		
3	Design Services	-	-		
4	Installation and Other Services	-	-		
	Grand Total to be carried forward to Letter of Price Tender	-	-		

Name of Tenderer	

Signature of Tenderer\_\_\_\_



4-A-2 Section 4: Tender Forms

### Nepal Electricity Authority

#### Distribution and Consumer Services Directorate

### Distribution System Upgrade and Expansion Project

Project Component Wise Summary of Costs (Excluding Custom Duty and VAT applicable in Employer's Country)

				FC: USD	LC: NPR
Item	Description	Total	Price	Total Cost in Foreign	<b>Total Cost in Local</b>
item	Description	Foreign Currency	Local Currency	Currency Only	Currency Only
1	2	3	4	5 = 3 + 4/USD Rate	6 = 3*USD Rate + 4
1	11 kV Line				
1.1	Plant and Mandatory Spare Parts Supplied from Abroad	-	-	-	-
1.2	Plant and Mandatory Spare Parts Supplied from Within the Employer's Country	-	-	-	-
1.3	Design Services	-	-	-	-
1.4	Installation and Other Services	-	-	-	-
T-1	Sub Total of 11 kV Line	-	-	-	-
2	Distribution Transformers and Switchgear				
2.1	Plant and Mandatory Spare Parts Supplied from Abroad	-	-	-	-
2.2	Plant and Mandatory Spare Parts Supplied from Within the Employer's Country	-	-	-	-
2.3	Design Services	-	-	-	-
2.4	Installation and Other Services	-	-	-	-
T-2	Sub Total of Distribution Transformers and Switchgear	-	-	-	-
3	Low Tension Lines				
3.1	Plant and Mandatory Spare Parts Supplied from Abroad	-	-	-	-
3.2	Plant and Mandatory Spare Parts Supplied from Within the Employer's Country	-	-	-	-
3.3	Design Services	-	-	-	-
3.4	Installation and Other Services	-	-	-	-
T-3	Sub Total of Low Tension Lines	-	-	-	-
4	Environment and Social Mitigation Works				
4.1	Mitigation Works	-	-	-	<u> </u>
T-4	Sub Total of Environment and Social Mitigation Works	-	-	-	-
Grand To	otal (Sum of T-1 T-4)	-	-	-	-

Name of Tenderer	





### **Nepal Electricity Authority**

### Distribution and Consumer Services Directorate

### Distribution System Upgrade and Expansion Project

#### Schedule of Rates and Prices

Summary of Schedule No. 1: Plant and Mandatory Spare Parts Supplied from Abroad (Excluding Custom Duty and VAT applicable in Employer's Country)

FC: USD

LC: NPR

Schedule No.	Title	Total Price			
Scriedule No.	Title	Foreign Currency	Local Currency		
A.	11 kV Line	-	-		
B.	Distribution Transformers and Switchgear	-	-		
C.	Low Tension Lines	-	-		
	Grand Total to be carried forward to Schedule 5	-	-		

Name of Tenderer	

Signature of Tenderer\_\_\_\_



4-A-4 Section 4: Tender Forms

### Nepal Electricity Authority Distribution and Consumer Services Directorate

### Distribution System Upgrade and Expansion Project Schedule of Rates and Prices

Schedule No. 1: Plant and Mandatory Spare Parts Supplied from Abroad (Excluding Custom Duty and VAT applicable in Employer's Country)

FC: USD LC: NPR

Item	Item Description		Description	Country of	Unit	Unit Rate, CIP (Nepal Border)	Quantity		Quantity		Quantity		Unit Rate, Domestic Transportation and Insurance, Local Currency			Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
		Origin		Foreign Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	_	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Foreign Currency	Local Currency				
1	2	3	4	5	Α	6 B	С	7 = Σ6	Α	8 B	С	9 = 5 x 7	10 = Σ(π(8 x 6))				
A.	11 kV Line							-				-	-				
	Conductors							-				-	-				
1	XLPE Overhead Covered Conductor, 100 sq mm. with 5% Sag		kms		338.19	478.93	353.26	1,170.37				_	_				
2	Mid-Span Joining Sleeve (Covered		set		644.16	912.25	672.87	-									
	Conductor. rated min 500A)							2,229.28				-	-				
3	Tension/Anchoring Assembly (including Anti-tracking Device and Socket Eye)		set		68.00	96.00	71.00	235.00				_	-				
4	Polymeric Pin Ties, and Top Ties		set		68.00	96.00	71.00	235.00				-	-				
5	Insulation Piercing Connectors (IPC) - Type 1		set		64.00	79.00	35.00	178.00				-	_				
	Insulation Piercing Connectors (IPC) - Type 2		set		127.00	158.00	69.00	354.00				_	_				
	Insulation Piercing Connectors (IPC) - Type 3		set		64.00	79.00	35.00	178.00				-	-				
4.0								-				-	-				
	Poles and Accessories							-				-	-				
	PSC Pole and Accessories  11m PSC Pole		noo					-				-	-				
	Back Strap		nos.		<u>-</u>	-	-	-				-   -	-				
2	Bolts with suitable nuts and washers (M16 x 100 mm)		nos.		-	-	-					_	_				
	Bolts with suitable nuts and washers (M16 x 235 mm)		nos.		-	-	-	-				_	_				
5	Bolts with suitable nuts and washers (M16 x 50 mm)		nos.		-	-	-	-				-	_				
	Disc Type Insulatorfor 11 kV		set		-	-	-	-				-	-				
	Flat Crossarm Brace 11 kV (50 x 6 x 666 mm)		nos.		-	-	-	-				-	-				
8	Insulator Pin for Pin Insulator of 11 kV		set		-	-	-	-				_	_				
9	Pin Type Insulator for 11 kV		nos.		-	-	-	-				-					
10	Pole Clamp with Nut, bolt and washers (PC1) with channel and support structures all complete as per design and drawings		set		-	-	-	-				-	-				
11	Pole Clamp with Nut, bolt and washers (PC2) with channel and support structures all complete as per design and drawings		set		-	-	-	-				-	-				

Name of Tenderer
Signature of Tenderer



### Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

### Schedule of Rates and Prices

Schedule No. 1: Plant and Mandatory Spare Parts Supplied from Abroad (Excluding Custom Duty and VAT applicable in Employer's Country)

FC: USD LC: NPR

Item	Item Description		Description	Country of Origin	Unit	Unit Rate, CIP (Nepal Border)		Quantity	Total Quantity		Unit Rate, Do	mestic Transportati Local Currency		Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
		Origini		Foreign Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Foreign Currency	Local Currency		
1	2	3	4	5		6		7 = Σ6		8		9 = 5 x 7	10 = Σ(π(8 x 6))		
	_				Α	В	С	. = 4	Α	В	С	, , , , , , , , , , , , , , , , , , ,			
12 wa	ole Clamp with Nut, bolt and ashers, Bottom Bracing (PC5) with nannel and support structures all omplete as per design and drawings		set		-	-	-	-				_	_		
13 ch	ole Clamp with Nut, bolt and ashers, Top Bracing (PC4) with nannel and support structures all omplete as per design and drawings		set		-	-	-	<u>-</u>				_	-		
14 St	teel Crossarm Channel (100 x 50 x 5 x 4.7 x 1800 mm)		nos.		-	-	-	-				-	-		
15 St	eel Crossarm Channel (100 x 50 x 5 x 4.7 x 1900 mm)		nos.		-	-	-	-				-	-		
16 St	teel Crossarm Channel (100 x 50 x 5 x 4.7 x 2416 mm)		nos.		-	-	-	-				_	_		
`` 7.	teel Crossarm Channel (100 x 50 x 5 x 4.7 x 2919 mm)		nos.		-	-	-	-				_	_		
18 St 7.	teel Crossarm Channel (100 x 50 x 5 x 4.7 x 3300 mm)		nos.		-	-	-	-				_	_		
19 St	trap for Insulator String for 11 kV 00 x 5 x 350 mm)		set		-	-	-	-				_	_		
20 Co	ffset Cross-Arm for Covered onductor with all accessories omplete		set		-	-	-					_	_		
0.7	TD Data and Assessanias Cinata							-				-	-		
	TP Pole and Accessories - Single ircuit							_				_	_		
	I M Steel Tubular Pole		nos.		1,074.00	1,521.00	1,122.00	3,717.00				-	-		
	ack Strap		nos.		1,450.00	2,054.00	1,515.00	5,019.00				-	-		
3 Bo	olts with suitable nuts and washers 116 x 100 mm)		nos.		5,907.00	8,366.00	6,171.00	20,444.00				-	_		
<sup>4</sup>  (N	olts with suitable nuts and washers 116 x 235 mm)		nos.		108.00	153.00	113.00	374.00				_	_		
5 Bo	olts with suitable nuts and washers 116 x 50 mm)		nos.		1,289.00	1,826.00	1,347.00	4,462.00				-	-		
6 Di	isc Type Insulatorfor 11 kV		set		1,450.00	2,054.00	1,515.00	5,019.00				-	-		
7 FI	at Crossarm Brace 11 kV (50 x 6 x 66 mm)		nos.		1,182.00	1,674.00	1,235.00	4,091.00				-	_		
	sulator Pin for Pin Insulator of 11 kV		set		2,417.00	3,423.00	2,525.00	8,365.00				-	_		
9 Pi	n Type Insulator for 11 kV		nos.		2,417.00	3,423.00	2,525.00	8,365.00				-	-		

Name of Tenderer	
0:	
Signature of Tenderer	



4-A-6 Section 4: Tender Forms

### Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

### Schedule of Rates and Prices

			Schee	dule No. 1: Plant and N	landatory Spare Par	ts Supplied from Abr	oad (Excluding Custo	m Duty and VAT appl	icable in Employer	's Country)		FC: USD	LC: NPR
Item	Description	Country of	f Unit	Unit Rate, CIP (Nepal Border)		Quantity			Unit Rate, Domestic Transportation and Insurance, Local Currency			Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
	·	Origin		Foreign Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Total Quantity	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Foreign Currency	Local Currency
1	2	3	4	5		6		7 = Σ6		8		9 = 5 x 7	$10 = \Sigma(\pi(8 \times 6))$
•			7		A	В	С	7 - 20	A	В	С	3-077	10 - 2(11(0 x 0))
	Pole Clamp with Nut, bolt and												
10	washers (TC1) with channel and		set		1,773.00	2,510.00	1,852.00						
10	support structures all complete as per		361		1,773.00	2,310.00	1,032.00						
	design and drawings							6,135.00				-	-
	Pole Clamp with Nut, bolt and												
11	washers (TC2) with channel and		set		1,182.00	1,674.00	1,235.00						
''	support structures all complete as per		361		1,102.00	1,074.00	1,233.00						
	design and drawings							4,091.00				-	-
	Pole Clamp with Nut, bolt and												
12	washers, Bottom Bracing (TC5) with		cot		108.00	153.00	113.00						
12	channel and support structures all		set		100.00	155.00	113.00						
	complete as per design and drawings							374.00				-	-
	Pole Clamp with Nut, bolt and												
12	washers, Top Bracing (TC4) with		ant		108.00	153.00	113.00						
13	channel and support structures all		set		100.00	155.00	113.00						
	complete as per design and drawings							374.00				-	-
1.4	Steel Crossarm Channel (100 x 50 x		noo		108.00	153.00	113.00						
14	7.5 x 4.7 x 1800 mm)		nos.		100.00	155.00	113.00	374.00				-	-
15	Steel Crossarm Channel (100 x 50 x		nos.		484.00	685.00	505.00						
13	7.5 x 4.7 x 1900 mm)		1105.		404.00	005.00	303.00	1,674.00				-	-
16	Steel Crossarm Channel (100 x 50 x		nos.		54.00	77.00	57.00						
10	7.5 x 4.7 x 2416 mm)		1105.		34.00	77.00	37.00	188.00				-	-
17	Steel Crossarm Channel (100 x 50 x		noc		108.00	153.00	113.00						
17	7.5 x 4.7 x 2919 mm)		nos.		100.00	155.00	113.00	374.00				-	-
10	Steel Crossarm Channel (100 x 50 x		noc		484.00	685.00	505.00						
10	7.5 x 4.7 x 3300 mm)		nos.		404.00	000.00	303.00	1,674.00				-	-
10	Strap for Insulator String for 11 kV		cot		323.00	457.00	337.00						
19	(100 x 5 x 350 mm)		set		323.00	457.00	337.00	1,117.00				-	-
	Offset Cross-Arm for Covered												
20	Conductor with all accessories		set		214.80	304.20	224.40						
	complete							743.40				-	-
								-				-	-
A.2.3	STP Pole and Accessories - Double Circuit							-				-	-
	11 m Steel Tubular Pole		nos.		955.00	1,352.00	997.00	3,304.00				-	-
2	Back Strap		nos.		2,579.00	3,651.00	2,692.00	8,922.00	1			-	-
	Bolts with suitable nuts and washers												
3	(M16 x 100 mm)		nos.		11,842.00	16,765.00	12,363.00	40,970.00				_	-
	Bolts with suitable nuts and washers				007.00	400.00	200.00						
4	(M16 x 235 mm)		nos.		287.00	406.00	300.00	993.00				_	-

Name of Tenderer
Signature of Tenderer



### Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

Schedule of Rates and Prices

			Scheo	dule No. 1: Plant and N	Mandatory Spare Par	ts Supplied from Abro	oad (Excluding Custo	m Duty and VAT appl	icable in Employer	's Country)		FC: USD	LC: NPR
Item	Description	Country of Origin	Unit	Unit Rate, CIP (Nepal Border)		Quantity		Total Quantity	Unit Rate, Do	omestic Transportati Local Currency		Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
		Origin		Foreign Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	•	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Foreign Currency	Local Currency
1	2	3	4	5		6		7 = Σ6		8		9 = 5 x 7	10 = Σ(π(8 x 6))
		3	4		Α	В	С	7 - 20	Α	В	С	9-5%/	10 - 2(11(6 x 6))
5	Bolts with suitable nuts and washers (M16 x 50 mm)		nos.		2,149.00	3,042.00	2,244.00	7,435.00				-	_
6	Disc Type Insulatorfor 11 kV		set		2,579.00	3,651.00	2,692.00	8,922.00				-	-
7	Flat Crossarm Brace 11 kV (50 x 6 x 666 mm)		nos.		3,152.00	4,462.00	3,291.00	10,905.00				-	-
8	Insulator Pin for Pin Insulator of 11 kV		set		4,298.00		4,487.00	14,869.00				-	-
9	Interconnecting Clamp for MVCC		set		573.00	812.00	599.00	1,984.00				-	-
10	Pin Type Insulator for 11 kV		nos.		4,298.00	6,084.00	4,487.00	14,869.00				-	-
11	Pole Clamp with Nut, bolt and washers (TC1) with channel and support structures all complete as per design and drawings		set		4,155.00	5,882.00	4,337.00	14,374.00				-	-
12	Pole Clamp with Nut, bolt and washers (TC2) with channel and support structures all complete as per design and drawings		set		1,576.00	2,231.00	1,646.00	5,453.00				-	-
13	Pole Clamp with Nut, bolt and washers, Bottom Bracing (TC5) with channel and support structures all complete as per design and drawings		set		96.00	136.00	100.00	332.00				_	-
14	Pole Clamp with Nut, bolt and washers, Top Bracing (TC4) with channel and support structures all complete as per design and drawings		set		96.00	136.00	100.00	332.00				_	-
15	Preformed Pin Ties, Top Ties		set		4,298.00	6,084.00	4,487.00	14,869.00				-	-
16	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1600 mm)		nos.		48.00	68.00	50.00	166.00				-	-
17	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1640 mm)		nos.		48.00	68.00	50.00	166.00				_	_
18	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1700 mm)		nos.		2,006.00	2,840.00	2,094.00	6,940.00				-	-
19	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2500 mm)		nos.		1,146.00	1,623.00	1,197.00	3,966.00				-	_
20	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2610 mm)		nos.		96.00	136.00	100.00	332.00				_	-
21	Strap for Insulator String for 11 kV (100 x 5 x 350 mm)		set		430.00	609.00	449.00	1,488.00				_	_
22	Tension Set with Ball and Socket Eye		set		2,579.00	3,651.00	2,692.00	8,922.00				_	_

Name of Tenderer	
Signature of Tenderer	



4-A-8 Section 4: Tender Forms

### Nepal Electricity Authority Distribution and Consumer Services Directorate

### Distribution System Upgrade and Expansion Project Schedule of Rates and Prices

Schedule No. 1: Plant and Mandatory Spare Parts Supplied from Abroad (Excluding Custom Duty and VAT applicable in Employer's Country)

FC: USD	LC: NPR
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Item	Description	Country of	Unit	Unit Rate, CIP (Nepal Border)		Quantity		Total Quantity	Unit Rate, Domestic Transportation and Insurance, Local Currency		Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance	
	·	Origin		Foreign Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Foreign Currency	Local Currency
1 1	2	3	4	5		6		7 = Σ6				9 = 5 x 7	10 = Σ(π(8 x 6))
·			·	_	A	В	С	. =-	A	В	С		10 =((0 1/ 0))
23	Offset Cross-Arm for Covered Conductor with all accessories complete		set		382.00	540.80	398.80	1,321.60				_	-
A.2.4	Stays							-				-	-
1	Pole Clamp with Nut, bolt and washers (PC3) with channel and support structures all complete as per design and drawings		set		-	-	-	<u>-</u>				-	_
2	Pole Clamp with Nut, bolt and washers (TC3) with channel and support structures all complete as per design and drawings		set		812.00	1,150.00	848.00	2,810.00				-	-
	Bolts with suitable nuts and washers (M16 x 50 mm)		nos.		1,624.00	2,300.00	1,696.00	5,620.00				-	-
4	Bolts with suitable nuts and washers (M16 x 100 mm)		nos.		1,624.00	2,300.00	1,696.00	5,620.00				_	-
	Stay Wire, (7/10 SWG minimum)		kg		8,120.00	11,500.00	8,480.00	28,100.00				-	-
6	Stay/Guy Insulator		nos.		812.00	1,150.00	848.00	2,810.00				-	-
,	Stay Turn Buckle including Thimble, (18 SWG minimum)		nos.		812.00	1,150.00	848.00	2,810.00				_	-
8	Stay I bolt, (12 inch minimum)		nos.		812.00	1,150.00	848.00	2,810.00				-	-
9	Stay I Rod/Anchor Rod, (minimum 1600 mm)		nos.		812.00	1,150.00	848.00	2,810.00				_	_
	Bow set with Thimble		nos.		812.00	1,150.00	848.00	2,810.00				-	-
	Stay Grip		nos.		812.00	1,150.00	848.00	2,810.00				-	-
12	Galvanized Steel Stay Plate for Installation Underground, (600 x 600 x 6 mm minimum)		nos.		812.00	1,150.00	848.00	2,810.00				_	-
								-				-	-
	Special Components				00.00	00.00	74.00	-				-	-
	Power Arc Devices (3 Nos. per set)		set		68.00	96.00	71.00	235.00				-	-
	13 m Steel Tubular Pole		nos.		5.00	5.00	5.00	15.00				-	-
3	14.5 m Steel Tubular Pole		nos.		5.00	5.00	5.00	15.00	<u> </u>			-	-

Name of Tenderer
Signature of Tenderer



### Nepal Electricity Authority

#### Distribution and Consumer Services Directorate

### Distribution System Upgrade and Expansion Project

Schedule of Rates and Prices

Schedule No. 1: Plant and Mandatory Spare Parts Supplied from Abroad (Excluding Custom Duty and VAT applicable in Employer's Country)

				dule No. 1. Flant and I			,					FC: USD	LC: NPR
Item	Description	Country of	Unit	Unit Rate, CIP (Nepal Border)		Quantity		Total Quantity	Unit Rate, Do	mestic Transportati Local Currency		Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
	·	Origin		Foreign Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Foreign Currency	Local Currency
1	2	3	4	5		6		7 = Σ6		8		9 = 5 x 7	10 = Σ(π(8 x 6))
		_			A	В	С		Α	В	С		
В.	Distribution Transformer and							_				_	_
	Switchgear Components												
B.1	Distribution Transformer							-				-	-
1	11/0.4kV 5 kVA 1 ph. Distribution Transformer		set		-	-	-	-				-	-
2	11/0.4kV 10 kVA 1 ph. Distribution Transformer		set		-	-	-	-				-	-
3	11/0.4kV 16 kVA 1 ph. Distribution Transformer		set		-	-	-	-				-	-
4	11/0.4kV 25kVA 3 ph. Distribution Transformer		set		48.00	55.00	27.00	130.00				-	-
5	11/0.4kV 50kVA 3 ph. Distribution		set		13.00	21.00	5.00	39.00				-	-
6	11/0.4kV 100kVA 3 ph. Distribution Transformer		set		2.00	2.00	2.00	6.00				-	-
7	, 11/0.4kV 200kVA 3 ph. Distribution Transformer		set		1.00	1.00	1.00	3.00				-	-
8	11/0.4kV 300kVA 3 ph. Distribution Transformer		set		1.00	1.00	1.00	3.00				-	-
								-				-	-
B.2	Transformer Platform							-				-	-
1	Transformer Platform for 5 kVA, Single phase Transformer including separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete		set		-	-	-	-				-	-
2	Transformer Platform for 10 kVA, Single phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete		set		-	-	-	-				-	-
3	Transformer Platform for 16kVA, Single phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete		set		-	-	-	-				-	-
4	Transformer Platform for 25 kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete		set		48.00	55.00	27.00	130.00				-	-

Name of Tenderer \_\_\_\_\_\_Signature of Tenderer\_\_\_\_\_



4-A-10 Section 4: Tender Forms

### Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

### Schedule of Rates and Prices

Schedule No. 1: Plant and Mandatory Spare Parts Supplied from Abroad (Excluding Custom Duty and VAT applicable in Employer's Country)

FC: USD LC: NPR

												1 O. OOD	20.14111
Item	Description	Country of Origin	Unit	Unit Rate, CIP (Nepal Border)		Quantity		Total Quantity	Unit Rate, Dor	nestic Transportation Local Currency		Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
		Origin		Foreign Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Foreign Currency	Local Currency
1	2	3	4	5		6		7 = Σ6		8		9 = 5 x 7	10 = Σ(π(8 x 6))
•	_				A	В	С	, 20	A	В	С	0 0 1	10 Z(11(0 X 0))
5	Transformer Platform for 50kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete		set		13.00	21.00	5.00	39.00				-	-
6	Transformer Platform for 100 kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete		set		2.00	2.00	2.00	6.00				-	-
7	Transformer Platform for 200 kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete		set		1.00	1.00	1.00	3.00				-	-
8	Transformer Platform for 300 kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete		set		1.00	1.00	1.00	3.00				-	-
								-				-	-
	Surge Protection Devices and Accessories							-				-	-
	Surge Arrester for Single Phase Transformer Installation		set		-	-	-	-				-	-
	9 kV Surge Arrester		set		65.00	80.00	36.00	181.00				-	-
3	Drop Out Fuse of suitable Capacity for Single Phase Transformer Installation		set		-	-	-	-				-	-
4	Drop Out Fuse of suitable Capacity		set		65.00	80.00	36.00	181.00				-	-
5	Outdoor Pole Mounted Distribution Panel Board (with 25A 2P MCCB-1 Nos with Copper Busbars and Hardware) Complete Set		set		-	-	-	-				-	-
6	Outdoor Pole Mounted Distribution Panel Board (with 50A 2P MCCB-1 Nos with Copper Busbars and Hardware) Complete Set		set		-	-	-	-				-	-

Name of Tenderer
Signature of Tenderer



### Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

### Schedule of Rates and Prices

Schedule No. 1: Plant and Mandatory Spare Parts Supplied from Abroad (Excluding Custom Duty and VAT applicable in Employer's Country)

FC: USD LC: NPR

Item	Description	Country of Origin	Unit	Unit Rate, CIP (Nepal Border)		Quantity  Unit Rate, Domesti  Total Quantity		nestic Transportation	on and Insurance,	Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance		
		Origin		Foreign Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Foreign Currency	Local Currency
1 1	2	3	4	5		6		7 = Σ6		8		9 = 5 x 7	10 = Σ(π(8 x 6))
					Α	В	С		A	В	С		, , , , , ,
7	Outdoor Pole Mounted Distribution Panel Board (with 80A 2P MCCB-1 Nos with Copper Busbars and Hardware) Complete Set		set		-	-	-	-				-	-
8	Outdoor Pole Mounted Distribution Panel Board (with 50A TP MCCB-1 Nos, 32A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set		set		48.00	55.00	27.00	130.00				-	-
9	Outdoor Pole Mounted Distribution Panel Board (with 80A TP MCCB-1 Nos, 50A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set		set		13.00	21.00	5.00	39.00				-	-
10	Outdoor Pole Mounted Distribution Panel Board (with 160A TP MCCB-1 Nos, 80A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set		set		2.00	2.00	2.00	6.00				-	-
11	Outdoor Pole Mounted Distribution Panel Board (with 320A TP MCCB-1 Nos, 160A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set		set		1.00	1.00	1.00	3.00				-	-
12	Outdoor Pole Mounted Distribution Panel Board (with 500A TP MCCB-1 Nos, 250A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set		set		1.00	1.00	1.00	3.00				-	-
	LT PVC Cable, (Al. 2 Core, 35 sq mm, Armored)		m		-	-	-	-				-	-
14	Armored)		m		305.00	380.00	160.00	845.00				-	-
15	LT PVC Cable, (Al. 4 Core, 120 sq mm, Armored)		m		10.00	10.00	10.00	30.00				-	-
	LT PVC Cable, (Al. 4 Core, 300 sq mm, Armored)		m		10.00	10.00	10.00	30.00				-	-
								-				-	-
Б.4	Switchgear, Data Instrumentation System and Accessories							-				-	-
1	Load Break Switch		set		11.00	15.00	11.00	37.00				-	-

Name of Tenderer	
Signature of Tenderer_	



4-A-12 Section 4: Tender Forms

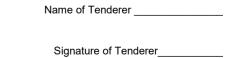
### Nepal Electricity Authority

### Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

Schedule of Rates and Prices

Schedule No. 1: Plant and Mandatory Spare Parts Supplied from Abroad (Excluding Custom Duty and VAT applicable in Employer's Country)

Item	Description	Country of	Unit	Unit Rate, CIP (Nepal Border)		Quantity		Total Quantity	Unit Rate, Do	mestic Transportation	on and Insurance,	Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
		Origin		Foreign Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	,,	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Foreign Currency	Local Currency
1	2	3	4	5		6		7 = Σ6		8		9 = 5 x 7	10 = Σ(π(8 x 6))
<u> </u>	-		· .		Α	В	С	. 20	Α	В	С	U UXI	10 2((0 % 0))
2	Transformer Data Instrumentation System with every minute data logging and transfer to Server at Regional Control Centre and programmed locations as per specifications all complete - Single Phase, with IP 67 Box, platform and connection system (Current, Voltage, Power, Power Factor, THD, Oil Temperature, Status, Daily Load Curve, local storage and transfer via GSM)		set		-	-	-	-				-	-
3	Transformer Data Instrumentation System with every minute data logging and transfer to Server at Regional Control Centre and programmed locations as per specifications all complete - 3 Phase, with IP 67 Box, platform and connection system (Current, Voltage, Power, Power Factor, THD, Oil Temperature, Status, Daily Load Curve, local storage and transfer via GSM)		set		65.00	80.00	36.00	181.00				-	-
4	Load Break Switch Data Instrumentation System with every minute data logging and transfer to Server at Regional Control Centre and programmed locations as per specifications all complete - 3 Phase, with IP 67 Box, platform and connection system (Current, Voltage, Daily Load Curve, Status, local		set		11.00	15.00	11.00	37.00				-	-





storage and transfer via GSM)

### Nepal Electricity Authority

### Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

### Schedule of Rates and Prices

Schedule No. 1: Plant and Mandatory Spare Parts Supplied from Abroad (Excluding Custom Duty and VAT applicable in Employer's Country)

	FC: USD	LC: NPR
nce,	Total, CIP (Nepal Border)	Total, Domes Transportation Insurance

Item	Description	Country of Origin	Unit	Unit Rate, CIP (Nepal Border)		Quantity		Total Quantity	Unit Rate, Don	nestic Transportation		Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
		Origin		Foreign Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Foreign Currency	Local Currency
1	2	3	4	5	Α	6 B	С	7 = Σ6	Α	8 B	С	9 = 5 x 7	10 = Σ(π(8 x 6))
С	Low Tension Line							-				-	-
C.1	Conductor							-				-	-
	Aerial Bundled Cable with Messenger												
1	Cable 3 x 120 + 1 x 70 sq mm		kms		-	-	-	-				-	-
	Aerial Bundled Cable with Messenger												
2	Cable 3 x 95 + 1 x 70 sq mm		kms		22.55	55.88	41.21	119.63				-	-
	Aerial Bundled Cable with Messenger												
3	Cable 3 x 50 + 1 x 35 sq mm		kms		36.07	89.40	65.94	191.41				-	-
	Aerial Bundled Cable with Messenger												
4	Cable 3 x 25 + 1 x 25 sq mm		kms		31.56	78.23	57.70	167.49				-	-
	Aerial Bundled Cable with Messenger												
5	Cable 2 x 25 sq mm		kms		67.64	95.79	70.65	234.07				-	-
	Overhead ACSR 100 sq mm. with 5%		kms		2.00	2.00	2.00	6.00					
	Sag with accessories all complete		KIIIS		2.00	2.00	2.00	0.00				-	-
	Overhead ACCD FO are representable FO/			 	1	1				1	1		
7	Overhead ACSR 50 sq mm. with 5%		kms		2.00	2.00	2.00	6.00				_	-
	Sag with accessories all complete									1			
8	Overhead ACSR 30 sq mm. with 5% Sag with accessories all complete		kms		2.00	2.00	2.00	6.00				-	-
	Mid Cran Cable Connector/Lunction									1			
9	Mid-Span Cable Connector/Junction Sleeve		set		360.73	894.00	659.41	1,914.15				_	-
	Sieeve									1			
C 2	Poles and Accessories							-				-	-
C.2								-				-	-
	PSC Pole and Accessories 9 m PSC Pole							-				-	-
		-	nos.		-	-	-	-		1		-	-
	Anchor Assembly for Messenger	-	set		-	-	-	-				-	-
	Suspension Assembly for Messenger		set		-	-	-	-		1		-	-
	Insulated Piercing Connector		set		-	-	-	-				-	-
	Angle Plate		set		-	-	-	-				-	-
	Eye Nut	-	set		-	-	-	-				-	-
7	Insulated Cable Cap		set		-	-	-	-				-	-
8	Pig Tail with Hexagonal Nuts and		set		_	_	_	_				_	_
	Washers (16 x 203 mm)								-	1	1		
	Pole Clamp with Nut, Bolt and		set		_	_	_	_				_	_
	Washers												
10	Twisted Double Eye		set		-	-	-	-				-	-
								-				-	-
	STP Pole and Accessories							-				-	-
	8 m Steel Tubular Pole	-	nos.		3,758.00	5,322.00	3,926.00	13,006.00				-	-
2	Anchor Assembly for Messenger		set		1,504.00	2,129.00	1,571.00	5,204.00				-	-

Name of Tenderer	
Signature of Tenderer	



4-A-14 Section 4: Tender Forms

### Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

### Schedule of Rates and Prices

Schedule No. 1: Plant and Mandatory Spare Parts Supplied from Abroad (Excluding Custom Duty and VAT applicable in Employer's Country)

FC: USD	LC: NPF
---------	---------

Item	Description	Country of Origin	Unit	Unit Rate, CIP (Nepal Border)		Quantity		Total Quantity	Unit Rate, Dor	nestic Transportati Local Currency		Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
		Origin		Foreign Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Foreign Currency	Local Currency
1	2	3	4	5		6		7 = Σ6		8		9 = 5 x 7	10 = Σ(π(8 x 6))
'		'	*		Α	В	С	7 - 20	Α	В	С	9-5%/	10 - 2(11(6 x 6))
3	Suspension Assembly for Messenger		set		3,533.00	5,003.00	3,691.00	12,227.00				-	-
4	Insulated Piercing Connector		set		9,621.00	13,625.00	10,051.00	33,297.00				-	-
5	Angle Plate		set		752.00	1,065.00	786.00	2,603.00				-	-
	Insulated Cable Cap		set		6,013.00	8,516.00	6,282.00	20,811.00				-	-
7	Pig Tail with Fabricated Eye		set		3,984.00	5,642.00	4,162.00	13,788.00				-	-
8	Pole Clamp with Nut, Bolt and Washers		set		4,736.00	6,706.00	4,947.00	16,389.00				-	-
9	Twisted Double Eye				1,353.00	1,916.00	1,414.00	4,683.00				-	-
								-				-	-
C.2.3	Stays							-				-	-
1	Pole Clamp with Nut, bolt and washers (PC3), with channel and support structures all complete as per design and drawings		nos.		-	-	-	-				-	-
2	Pole Clamp with Nut, bolt and washers (TC3), with channel and support structures all complete as per design and drawings		nos.		1,504.00	2,129.00	1,571.00	5,204.00				-	-
3	Bolts with suitable nuts and washers (M16 x 50 mm)		nos.		3,008.00	4,258.00	3,142.00	10,408.00				-	-
4	Bolts with suitable nuts and washers (M16 x 100 mm)		nos.		3,008.00	4,258.00	3,142.00	10,408.00				-	-
5	Stay Wire, (7/10 SWG minimum)		kg		15,040.00	21,290.00	15,710.00	52,040.00				-	-
	Stay/Guy Insulator		nos.		1,504.00	2,129.00	1,571.00	5,204.00				-	-
7	Stay Turn Buckle including Thimble, (18 SWG minimum)		nos.		1,504.00	2,129.00	1,571.00	5,204.00				-	-
8	Stay I bolt, (12 inch minimum)		set		1,504.00	2,129.00	1,571.00	5,204.00				-	-
9	Stay I Rod/Anchor Rod, (minimum 1600 mm)		nos.		1,504.00	2,129.00	1,571.00	5,204.00				-	-
	Bow set with Thimble		nos.		1,504.00		1,571.00	5,204.00				-	-
11	Stay Grip		nos.		1,504.00	2,129.00	1,571.00	5,204.00				-	-
12	Galvanized Steel Stay Plate for Installation Underground, (300 x 300 x 6 mm minimum)				1,504.00	2,129.00	1,571.00	5,204.00				-	-
0.0	Our wint Our							-				-	-
	Special Components				F 00	5.00	F 00	45.00				-	-
	10 m PSC Pole	-	nos.		5.00		5.00	15.00				-	-
	11 m PSC Pole 9 m Steel Tubular Pole	-	nos.		5.00		5.00	15.00 15.00				-	-
	10 m Steel Tubular Pole	-	nos.		5.00 5.00		5.00 5.00	15.00		+	+	-	-
4	I TO THE STEEL TUDULAL POLE		nos.		5.00	5.00	5.00	15.00				-	-

Name of Tenderer \_\_\_\_\_\_\_Signature of Tenderer\_\_\_\_\_\_



### Nepal Electricity Authority

#### Distribution and Consumer Services Directorate

### Distribution System Upgrade and Expansion Project Schedule of Rates and Prices

Schedule No. 1: Plant and Mandatory Spare Parts Supplied from Abroad (Excluding Custom Duty and VAT applicable in Employer's Country)

FC. LICD	LC. NDD
FC: USD	LC: NPR

Item	Description	Country of Origin	Unit	Unit Rate, CIP (Nepal Border)		Quantity		Total Quantity	Unit Rate, Domestic Transportation and Insurance, Local Currency			Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
		Origin		Foreign Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Foreign Currency	Local Currency
1	2	3	4	5		6		7 = Σ6		8		9 = 5 x 7	10 = Σ(π(8 x 6))
	_		-		A	В	С	, 20	Α	В	С	0 0 1	10 Z(II(0 X 0))
5	11 m Steel Tubular Pole		nos.		4.00	4.00	4.00	12.00				-	-
6	13 m Steel Tubular Pole							-				-	-
								-				-	-
C.4	Tools and Equipment							-				-	-
1	Flat wrench of different sizes for common bolts		Sets		5.00	5.00	5.00	15.00				-	-
	Torque wrench of different sizes for common bolts		Sets		5.00	5.00	5.00	15.00				-	-
3	Pipe wrench for common bolts		Sets		5.00	5.00	5.00	15.00				-	-
4	Steel ropes (Pilot wire) 35 sq. mm		m		50.00	50.00	50.00	150.00				-	-
5	Pilot wire grips (35 sq. mm) come along clamp		Nos.		50.00	50.00	50.00	150.00				-	-
6	Rubber covered rollers,pullies(2,3 keys)		Sets		2.00	2.00	2.00	6.00				-	-
7	Portable earthing set (for Transmission line maintenance safety purpose)		Sets		5.00	5.00	5.00	15.00				-	-
8	Safety belt		Sets		20.00	20.00	20.00	60.00				-	-
9	Line operator's leather gloves		Pairs		20.00	20.00	20.00	60.00				-	-
	Safety helmet with chinstrap and accessories		Sets		20.00	20.00	20.00	60.00				-	-
11	Insulation tester (10000 V) suitable for outdoor line testing purpose		Nos.		5.00	5.00	5.00	15.00				-	-
12	Earth resistivity tester		Nos.		5.00	5.00	5.00	15.00				-	-
13	Earthing resistance tester		Nos.		5.00	5.00	5.00	15.00				-	-
14	Double sheeve pulley block 5 MT capacity with all accessories		Sets		1.00	1.00	1.00	3.00				-	-
15	Sagging Winch 10 MT capacity hand operated		Sets		1.00	1.00	1.00	3.00				-	-
16	Grip suitable for ACSR DOG/RABBIT/WEASEL Conductor		Sets		5.00	5.00	5.00	15.00				-	-
17	Grip suitable for ADSS Cable	Ì	Sets		5.00	5.00	5.00	15.00				-	-
	Grip suitable for ABC Cable		Sets		5.00			15.00				-	-
19	Safety Ladder for Distribution System Operation		Sets		5.00	5.00	5.00	15.00				-	-
20	One Set of complete tools for Maintenance/Replacement Works of Aerial Bunched Cable		Sets		5.00	5.00	5.00	15.00				-	-

Name of Tenderer \_\_\_\_\_\_Signature of Tenderer\_\_\_\_\_



4-A-16 Section 4: Tender Forms

### **Nepal Electricity Authority**

### Distribution and Consumer Services Directorate

### Distribution System Upgrade and Expansion Project

#### Schedule of Rates and Prices

Summary of Schedule No. 2: Plant and Mandatory Spare Parts Supplied from Within the Employer's Country (Excluding VAT applicable in Employer's Country)

FC: USD

LC: NPR

Schedule No.	Title	Total	Price
Scriedule No.	Title	Foreign Currency	Local Currency
A.	11 kV Line	-	-
B.	Distribution Transformers and Switchgear	-	-
C.	Low Tension Lines	-	-
	Grand Total to be carried forward to Schedule 5	-	-

Name of Tenderer
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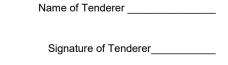
Signature of Tenderer\_\_\_\_

# Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

Schedule of Rates and Prices

Schedule No. 2: Plant and Mandatory Spare Parts Supplied from Within the Employer's Country (Excluding VAT applicable in Employer's Country)

Item	Description	Unit	Unit Rate, EXWorks		Quantity		Total Quantity		mestic Transportatio Local Currency	n and Insurance,	Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
			Local Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Local Currency	Local Currency	Local Currency
1	2	3	4	A	5 B	С	6 = Σ5	Α	7 B	С	8 = 4 x 6	9 = Σ(π(5 x 7))	10 = 8 + 9
A.	11 kV Line												
	Conductors												
	XLPE Overhead Covered Conductor												
	100 sq mm. with 5% Sag	kms		338.19	478.93	353.26							
	Mid-Span Joining Sleeve (Covered			044.40	040.05	070.07							
2	Mid-Span Joining Sleeve (Covered Conductor. rated min 500A)	set		644.16	912.25	672.87							
	Tension/Anchoring Assembly												
3	(including Anti-tracking Device and	set		68.00	96.00	71.00							
	Socket Eye)												
4		set		68.00	96.00	71.00							
_	Insulation Piercing Connectors (IPC) -												
5	Type 1	set		64.00	79.00	35.00							
	Insulation Piercing Connectors (IPC) -			107.00	450.00	00.00							
6	Insulation Piercing Connectors (IPC) - Type 2	set		127.00	158.00	69.00							
_	Inculation Diarcing Connectors (IDC)			24.22	70.00	05.00							
/	Type 3	set		64.00	79.00	35.00							
	. )												
A.2	Poles and Accessories												
	PSC Pole and Accessories												
	11m PSC Pole	nos.		-	-	-							
	Back Strap	nos.		-	-	-							
3	Bolts with suitable nuts and washers (M16 x 100 mm)	nos.		-	-	-							
	Bolts with suitable nuts and washers												
4	(M16 x 235 mm)	nos.		-	-	-							
_	Bolts with suitable nuts and washers												
5	(M16 x 50 mm)	nos.		-	-	-							
		set		-	-	-							
	Flat Crossarm Brace 11 kV (50 x 6 x												
/	666 mm)	nos.		-	-	-							
	Insulator Pin for Pin Insulator of 11												
8	kV	set		-	-	-							
	Pin Type Insulator for 11 kV	nos.		-	-	-							
	Pole Clamp with Nut, bolt and												
	washers (PC1) with channel and												
10	support structures all complete as per	set		-	-	-							
	design and drawings												
	Pole Clamp with Nut, bolt and												
	washers (PC2) with channel and												
11	support structures all complete as per	set		-	-	-							
1	design and drawings												
	ucəiyii aliu ulawiliyə												





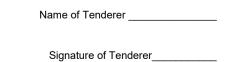
4-A-18 Section 4: Tender Forms

### Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

#### Schedule of Rates and Prices

Schedule No. 2: Plant and Mandatory Spare Parts Supplied from Within the Employer's Country (Excluding VAT applicable in Employer's Country)

Item	Description	Unit	Unit Rate, EXWorks		Quantity		Total Quantity	Unit Rate, Do	omestic Transportation		Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
			Local Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Local Currency	Local Currency	Local Currency
1 1	2	3	4		5		6 = Σ5		7		8 = 4 x 6	$9 = \Sigma(\pi(5 \times 7))$	10 = 8 + 9
		_ `	·	Α	В	С		Α	В	С		-((c x : //	
12	complete as per design and drawings	set		-	-	-							
13	Pole Clamp with Nut, bolt and washers, Top Bracing (PC4) with channel and support structures all complete as per design and drawings	set		-	-	-							
14	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1800 mm)	nos.		-	-	-							
15	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1900 mm)	nos.		-	-	-							
10	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2416 mm)	nos.		-	-	-							
17	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2919 mm)	nos.		-	-	-							
10	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 3300 mm)	nos.		-	-	-							
19	(100 X 5 X 350 mm)	set		-	-	-							
20	Offset Cross-Arm for Covered Conductor with all accessories complete	set		-	-	-							
Δ77	STP Pole and Accessories - Single Circuit												
	11 M Steel Tubular Pole	nos.		1,074.00	1,521.00	1,122.00							
	Back Strap	nos.		1,450.00	2,054.00	1,515.00		<u> </u>					
	Bolts with suitable nuts and washers (M16 x 100 mm)	nos.		5,907.00	8,366.00	6,171.00							
4	Bolts with suitable nuts and washers (M16 x 235 mm)	nos.		108.00	153.00	113.00							
5	Bolts with suitable nuts and washers (M16 x 50 mm)	nos.		1,289.00	1,826.00								
		set		1,450.00	2,054.00	1,515.00							
'	bbb mm)	nos.		1,182.00	1,674.00	1,235.00							
8	KV	set		2,417.00	3,423.00	2,525.00							
9	Pin Type Insulator for 11 kV	nos.		2,417.00	3,423.00	2,525.00							

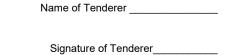




# Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project Schedule of Rates and Prices

Schedule No. 2: Plant and Mandatory Spare Parts Supplied from Within the Employer's Country (Excluding VAT applicable in Employer's Country)

Item	Item Description		Unit Rate, EXWorks		Quantity		Total Quantity	Unit Rate, Do	omestic Transportation Local Currency		Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
			Local Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Local Currency	Local Currency	Local Currency
1	2	3	4		5		6 = Σ5		7		8 = 4 x 6	$9 = \Sigma(\pi(5 \times 7))$	10 = 8 + 9
'	2		4	Α	В	С	6 – 25	Α	В	С	0-410	9 - 2(11(5 x /))	10 - 0 + 9
	Pole Clamp with Nut, bolt and												
10	washers (TC1) with channel and support structures all complete as per design and drawings	set		1,773.00	2,510.00	1,852.00							
11	Pole Clamp with Nut, bolt and washers (TC2) with channel and support structures all complete as per design and drawings	set		1,182.00	1,674.00	1,235.00							
12	complete as per design and drawings	set		108.00	153.00	113.00							
13	complete as per design and drawings	set		108.00	153.00	113.00							
14	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1800 mm)	nos.		108.00	153.00	113.00							
15	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1900 mm)	nos.		484.00	685.00	505.00							
10	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2416 mm)	nos.		54.00	77.00	57.00							
17	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2919 mm)	nos.		108.00	153.00	113.00							
10	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 3300 mm)	nos.		484.00	685.00	505.00							
19	Strap for Insulator String for 11 kV (100 x 5 x 350 mm)	set		323.00	457.00	337.00							
20	Offset Cross-Arm for Covered Conductor with all accessories complete	set		214.80	304.20	224.40							
A.2.3	STP Pole and Accessories - Double Circuit												
	11 m Steel Tubular Pole	nos.		955.00	1,352.00	997.00							
	Back Strap	nos.		2,579.00	3,651.00	2,692.00							
	Bolts with suitable nuts and washers (M16 x 100 mm)	nos.		11,842.00	16,765.00	12,363.00							
4	Bolts with suitable nuts and washers (M16 x 235 mm)	nos.		287.00	406.00	300.00							
5	Bolts with suitable nuts and washers (M16 x 50 mm)	nos.		2,149.00	3,042.00	2,244.00							
6		set		2,579.00	3,651.00	2,692.00							





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# Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

Schedule of Rates and Prices

Schedule No. 2: Plant and Mandatory Spare Parts Supplied from Within the Employer's Country (Excluding VAT applicable in Employer's Country)

LC: NPR

Tender No.:ICB-DCSD-2078/79-DSUEP-EIB-W3

Item	Description	Unit	Unit Rate, EXWorks		Quantity		Total Quantity		mestic Transportation Local Currency	n and Insurance,	Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
			Local Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Local Currency	Local Currency	Local Currency
1 1	2	3	4		5		6 = Σ5		7		8 = 4 x 6	$9 = \Sigma(\pi(5 \times 7))$	10 = 8 + 9
'	2		7	Α	В	С	0 – 23	Α	В	С	0-470	3 - 2(II(3 x 1))	10 - 0 + 3
/	Flat Crossarm Brace 11 kV (50 x 6 x 666 mm)	nos.		3,152.00	4,462.00	3,291.00							
8	Insulator Pin for Pin Insulator of 11 kV	set		4,298.00	6,084.00	4,487.00							
9		set		573.00	812.00	599.00							
10	Pin Type Insulator for 11 kV	nos.		4,298.00	6,084.00	4,487.00							
	Pole Clamp with Nut, bolt and washers (TC1) with channel and support structures all complete as per design and drawings	set		4,155.00	5,882.00	4,337.00							
12	Pole Clamp with Nut, bolt and washers (TC2) with channel and support structures all complete as per design and drawings	set		1,576.00	2,231.00	1,646.00							
13	Pole Clamp with Nut, bolt and washers, Bottom Bracing (TC5) with channel and support structures all complete as per design and drawings	set		96.00	136.00	100.00							
14	complete as per design and drawings	set		96.00	136.00	100.00							
		set		4,298.00	6,084.00	4,487.00							
10	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1600 mm)	nos.		48.00	68.00	50.00							
17	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1640 mm)	nos.		48.00	68.00	50.00							
10	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1700 mm)	nos.		2,006.00	2,840.00	2,094.00							
19	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2500 mm)	nos.		1,146.00	1,623.00	1,197.00							
20	7.5 x 4.7 x 2610 mm)	nos.		96.00	136.00	100.00							
21	Stran for Insulator String for 11 kV	set		430.00	609.00	449.00							
	Tension Set with Ball and Socket Eye	set		2,579.00	3,651.00	2,692.00							
23	Offset Cross-Arm for Covered Conductor with all accessories complete	set		382.00	540.80	398.80							
A.2.4	Stays												



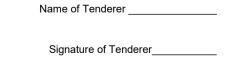
# Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

Schedule of Rates and Prices

Schedule No. 2: Plant and Mandatory Spare Parts Supplied from Within the Employer's Country (Excluding VAT applicable in Employer's Country)

LC: NPR

				Quantity		Total Quantity		Local Currency	n and Insurance,	Total EXW Price	Transportation and Insurance	Total Price
		Local Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Local Currency	Local Currency	Local Currency
2	2	4		5		6 - 75		7		8-4-6	9 - 5( <del>m</del> (5 × 7))	10 = 8 + 9
2	3	7	Α	В	С	0 – 23	Α	В	С	0-470	9 - 2(11(3 x 1))	10-0.9
Pole Clamp with Nut, bolt and												
washers (PC3) with channel and	cot											
support structures all complete as per	SEL		_	-	-							
design and drawings												
washers (TC3) with channel and	set		812 00	1 150 00	848 00							
support structures all complete as per	361		012.00	1,130.00	040.00							
design and drawings												
	nos		1 624 00	2 300 00	1 696 00							
(M16 X 50 mm)	1100.		1,021.00	2,000.00	1,000.00							
	nos.		1.624.00	2.300.00	1.696.00							
(M16 x 100 mm)			,		·							
			<u> </u>									
Stay/Guy Insulator	nos.		812.00	1,150.00	848.00							
Stay Turn Buckle including Thimble,	nos.		812.00	1,150.00	848.00							
(18 SVVG minimum)												
	nos.		812.00	1,150.00	848.00		1					
5tay i Rod/Anchor Rod, (minimum	nos.		812.00	1,150.00	848.00							
	200		912.00	1 150 00	949.00							
Galvanized Steel Stay Plate for	1105.		012.00	1,150.00	040.00							
	noe		812.00	1 150 00	848 00							
• ,	1105.		012.00	1,130.00	040.00							
X O IIIIII IIIIIIIIIIIII												
Special Components												
	set		68.00	96.00	71.00							
								1				
			5.00									
	washers (PC3) with channel and support structures all complete as per design and drawings Pole Clamp with Nut, bolt and washers (TC3) with channel and support structures all complete as per design and drawings Bolts with suitable nuts and washers (M16 x 50 mm) Bolts with suitable nuts and washers (M16 x 100 mm) Stay Wire, (7/10 SWG minimum) Stay Wire, (7/10 SWG minimum) Stay Turn Buckle including Thimble, (18 SWG minimum) Stay I bolt, (12 inch minimum) Stay I bolt, (12 inch minimum) Bow set with Thimble Stay Grip Galvanized Steel Stay Plate for Installation Underground, (600 x 600 x 6 mm minimum)  Special Components Power Arc Devices (3 Nos. per set) 13 m Steel Tubular Pole	Pole Clamp with Nut, bolt and washers (PC3) with channel and support structures all complete as per design and drawings Pole Clamp with Nut, bolt and washers (TC3) with channel and support structures all complete as per design and drawings Bolts with suitable nuts and washers (M16 x 50 mm) Bolts with suitable nuts and washers (M16 x 100 mm) Stay Wire, (7/10 SWG minimum) Stay Guy Insulator Stay Turn Buckle including Thimble, (18 SWG minimum) Stay I bolt, (12 inch minimum) Stay I Rod/Anchor Rod, (minimum 1600 mm) Bow set with Thimble Stay Grip Galvanized Steel Stay Plate for Installation Underground, (600 x 600 nos.  Special Components Power Arc Devices (3 Nos. per set) set 13 m Steel Tubular Pole	Pole Clamp with Nut, bolt and washers (PC3) with channel and support structures all complete as per design and drawings Pole Clamp with Nut, bolt and washers (TC3) with channel and support structures all complete as per design and drawings Bolts with suitable nuts and washers (M16 x 50 mm) Bolts with suitable nuts and washers (M16 x 100 mm) Stay Wire, (7/10 SWG minimum) Stay Wire, (7/10 SWG minimum) Stay Turn Buckle including Thimble, (18 SWG minimum) Stay I bolt, (12 inch minimum) Stay I Rod/Anchor Rod, (minimum 1600 mm) Bow set with Thimble Stay Grip Galvanized Steel Stay Plate for Installation Underground, (600 x 600 x 600 mos.  Special Components Power Arc Devices (3 Nos. per set) 13 m Steel Tubular Pole	Pole Clamp with Nut, bolt and washers (PC3) with channel and support structures all complete as per design and drawings Pole Clamp with Nut, bolt and washers (TC3) with channel and support structures all complete as per design and drawings Bolts with suitable nuts and washers (M16 x 50 mm) Bolts with suitable nuts and washers (M16 x 100 mm) Bolts with suitable nuts and washers (M16 x 100 mm) Stay Wire, (7/10 SWG minimum) Stay Turn Buckle including Thimble, (18 SWG minimum) Stay I bolt, (12 inch minimum) Stay I Rod/Anchor Rod, (minimum 1600 mm) Bow set with Thimble Stay Grip Galvanized Steel Stay Plate for Installation Underground, (600 x 600 x 6 mm minimum)  Special Components Power Arc Devices (3 Nos. per set) set 68.00 13 m Steel Tubular Pole  Set 5  Set 5  Set 6  Set 6  Set 7  Set 812.00  Set 9  Set 9	Pole Clamp with Nut, bolt and washers (PC3) with channel and support structures all complete as per design and drawings   Set	Set   Set	2 3 4 A B C Pole Clamp with Nut, bolt and washers (PC3) with channel and support structures all complete as per design and drawings Pole Clamp with Nut, bolt and washers (TC3) with channel and support structures all complete as per design and drawings Bolts with suitable nuts and washers (M16 x 50 mm) Bolts with suitable nuts and washers (M16 x 50 mm) Bolts with suitable nuts and washers (M16 x 100 mm) Botty with recomplete as per design and drawings Botty with suitable nuts and washers (M16 x 100 mm) Botty with suitable nuts and washers (M16 x 100 mm) Stay Wire, (7/10 SWG minimum) kg 8,120.00 11,500.00 8,480.00 Stay/Guy Insulator nos. 812.00 1,150.00 848.00 Stay/Guy Insulator nos. 812.00 1,150.00 848.00 Stay Turn Buckle including Thimble, (18 SWG minimum) nos. 812.00 1,150.00 848.00 Stay I Rod/Anchor Rod, (minimum) nos. 812.00 1,150.00 848.00 Stay I Rod/Anchor Rod, (minimum) nos. 812.00 1,150.00 848.00 Stay I Rod/Anchor Rod, (minimum) nos. 812.00 1,150.00 848.00 Stay Grip nos. 812.00 5,00 5,00 5,00 5,00	A B C   A B	2 3 4 A B C	Color   Colo	Color   Colo	Pole Clamp with Nut, boil and washers (PC3) with channel and support structures all complete as per design and drawings Pole Clamp with Nut, boil and washers (PC3) with channel and support structures all complete as per design and drawings Pole Clamp with Nut, boil and washers (RC3) with channel and support structures all complete as per design and drawings Boils with suitable nuts and washers (M16 x 30 mm) Boils with suitable nuts and washers (M16 x 30 mm) Boils with suitable nuts and washers (M16 x 30 mm) Boils with suitable nuts and washers (M16 x 100 mm) Slaw/Guy Insulator nos.  1,624.00 2,300.00 1,696.00 Slaw/Guy Insulator nos.  812.00 1,150.00 848.00 Slaw/Guy Insulator nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Gud/Anchor Rod, (minimum nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I clinch minimum) nos.  812.00 1,150.00 848.00 Slay Jobit, (I



Single-Stage: Two-Envelope



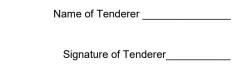
4-A-22 Section 4: Tender Forms

# Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

Schedule of Rates and Prices

Schedule No. 2: Plant and Mandatory Spare Parts Supplied from Within the Employer's Country (Excluding VAT applicable in Employer's Country)

Item	Item Description	Unit	Unit Rate, EXWorks		Quantity		Total Quantity		omestic Transportation Local Currency	on and Insurance,	Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
			Local Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Local Currency	Local Currency	Local Currency
1	2	3	4		5		6 = Σ5		7		8 = 4 x 6	$9 = \Sigma(\pi(5 \times 7))$	10 = 8 + 9
	Distribution Transformer and			Α	В	С		A	В	С			
IK	Switchgear Components												
	Distribution Transformer												
	11/0.4kV 5 kVA 1 ph. Distribution Transformer	set		-	-	-							
2	11/0.4kV 10 kVA 1 ph. Distribution Transformer	set		-	-	-							
	11/0 /k\/ 16 k\/\\ 1 nh Distribution	set		-	-	-							
4	11/0.4kV 25kVA 3 ph. Distribution Transformer	set		48.00	55.00	27.00							
_	11/0 4k\/ 50k\/A 3 ph. Distribution	set		13.00	21.00	5.00							
	11/0.4kV 100kVA 3 ph. Distribution Transformer	set		2.00	2.00	2.00							
7	11/0 4k\/ 200k\/A 3 ph. Distribution	set		1.00	1.00	1.00							
8	11/0.4kV 300kVA 3 ph. Distribution Transformer	set		1.00	1.00	1.00							
B.2	Transformer Platform Transformer Platform for 5 kVA,												
1	Single phase Transformer including	set		-	-	-							
2	Transformer Platform for 10 kVA, Single phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete	set		-	-	-							
3	Transformer Platform for 16kVA, Single phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete	set		-	-	-							
4	Transformer Platform for 25 kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete	set		48.00	55.00	27.00							



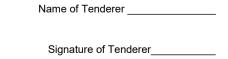


# Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

Schedule of Rates and Prices

Schedule No. 2: Plant and Mandatory Spare Parts Supplied from Within the Employer's Country (Excluding VAT applicable in Employer's Country)

ransformer Platform for 50kVA, 3 hase Transformer including separate eparate DO & separate LA Fitting thannels, Clamps, Nutbolts all complete	3	Local Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlabbase	l <b>–</b>				
ransformer Platform for 50kVA, 3 hase Transformer including separate eparate DO & separate LA Fitting channels, Clamps, Nutbolts all	3	4					Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Local Currency	Local Currency	Local Currency
ransformer Platform for 50kVA, 3 hase Transformer including separate eparate DO & separate LA Fitting channels, Clamps, Nutbolts all	3	4		5		6 = Σ5		7		8 = 4 x 6	$9 = \Sigma(\pi(5 \times 7))$	10 = 8 + 9
hase Transformer including separate eparate DO & separate LA Fitting hannels, Clamps, Nutbolts all			Α	В	С	6 – 25	Α	В	С	0-410	9 - Z(II(5 X /))	10-0+9
eparate DO & separate LA Fitting thannels, Clamps, Nutbolts all												
hannels, Clamps, Nutbolts all												
	set		13.00	21.00	5.00							
omploto												
ompiete												
ransformer Platform for 100 kVA, 3												
hase Transformer including separate												
eparate DO & separate LA Fitting	set		2.00	2.00	2.00							
channels, Clamps, Nutbolts all												
omplete												
,												
	set		1.00	1.00	1.00							
omplete												
·												
	set		1.00	1.00	1.00							
omplete												
	set		_	_	-							
	aat		65.00	90.00	26.00							
	sei		65.00	80.00	36.00							
	oot											
	Set		-	-	-							
	cot		65.00	80.00	36.00							
	361		05.00	00.00	30.00							
los with Conner Bushars and	set		-	-	-							
lardware) Complete Set												
Outdoor Pole Mounted Distribution												
los with Copper Bushars and	set		-	-	-							
lardware) Complete Set												
Outdoor Pole Mounted Distribution								1				
anel Board (with 80A 2D MCCR 1												
los with Copper Bushars and	set		-	-	-							
	hase Transformer including separate eparate DO & separate LA Fitting channels, Clamps, Nutbolts all complete transformer Platform for 200 kVA, 3 hase Transformer including separate eparate DO & separate LA Fitting channels, Clamps, Nutbolts all complete transformer Platform for 300 kVA, 3 hase Transformer including separate eparate DO & separate LA Fitting channels, Clamps, Nutbolts all complete transformer including separate eparate DO & separate LA Fitting channels, Clamps, Nutbolts all complete transformer Installation kV Surge Arrester for Single Phase transformer Installation corp Out Fuse of suitable Capacity or Single Phase Transformer Installation corp Out Fuse of suitable Capacity Outdoor Pole Mounted Distribution canel Board (with 25A 2P MCCB-1 los with Copper Busbars and lardware) Complete Set Outdoor Pole Mounted Distribution canel Board (with 50A 2P MCCB-1 los with Copper Busbars and lardware) Complete Set Outdoor Pole Mounted Distribution canel Board (with 80A 2P MCCB-1 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1.00 1.00 1.00 1.00 1.00 1.00 1.0	hase Transformer including separate eparate DO & separate LA Fitting set 2.00 2.00 2.00 hannels, Clamps, Nutbolts all omplete ransformer Platform for 200 kVA, 3 hase Transformer including separate eparate DO & separate LA Fitting set 1.00 1.00 1.00 1.00 hannels, Clamps, Nutbolts all omplete ransformer including separate eparate DO & separate LA Fitting set 1.00 1.00 1.00 1.00 has been as the parate DO & separate LA Fitting set 1.00 1.00 1.00 1.00 has been as the parate DO & separate LA Fitting set 1.00 1.00 1.00 1.00 has been as the parate DO & separate LA Fitting set 1.00 1.00 1.00 1.00 has been as the parate DO & separate LA Fitting set 1.00 1.00 1.00 1.00 has been as the parate DO & separate LA Fitting set 1.00 1.00 1.00 1.00 has been as the parate DO & separate LA Fitting set 1.00 1.00 1.00 1.00 has been as the parate DO & separate LA Fitting set 1.00 1.00 1.00 1.00 1.00 has been as the parate DO & separate LA Fitting set 1.00 1.00 1.00 1.00 1.00 has been as the parate DO & separate LA Fitting set 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	hase Transformer including separate set 2.00 2.00 2.00 2.00 separate LA Fitting set 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.0	hase Transformer including separate experate LA Fitting hannels, Clamps, Nutbolts all omolete exprared to Rate separate LA Fitting hannels, Clamps, Platform for 200 kVA, 3 hase Transformer lincluding separate begrate DG & separate LA Fitting hannels, Clamps, Nutbolts all omplete experate DG & separate LA Fitting hannels, Clamps, Nutbolts all omplete experate DO & separate LA Fitting hannels, Clamps, Nutbolts all omplete experate DO & separate LA Fitting hannels, Clamps, Nutbolts all omplete experate DO & separate LA Fitting hannels, Clamps, Nutbolts all omplete experate DO & separate LA Fitting hannels, Clamps, Nutbolts all omplete experate DO & separate LA Fitting hannels, Clamps, Nutbolts all omplete experate DO & separate LA Fitting hannels, Clamps, Nutbolts all omplete 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& separate LA Fitting set or set of set or set of set or set of set or set of set or





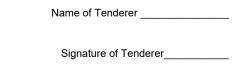
4-A-24 Section 4: Tender Forms

# Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

Schedule of Rates and Prices

Schedule No. 2: Plant and Mandatory Spare Parts Supplied from Within the Employer's Country (Excluding VAT applicable in Employer's Country)

Item	Description	Unit	Unit Rate, EXWorks		Quantity  Unit Rate, Domestic Transportation and Insura Local Currency  Pudlishans  Pudlishans  Pudlishans	n and Insurance,	Total EXW Price	Total, Domestic Transportation and Insurance	Total Price				
			Local Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Local Currency	Local Currency	Local Currency
1	2	3	4		5	_	6 = Σ5		7		8 = 4 x 6	$9 = \Sigma(\pi(5 \times 7))$	10 = 8 + 9
	Outdoor Dala Mayortad Distribution			Α	В	С		Α	В	С			
8	Outdoor Pole Mounted Distribution Panel Board (with 50A TP MCCB-1 Nos, 32A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set	set		48.00	55.00	27.00							
9	Outdoor Pole Mounted Distribution Panel Board (with 80A TP MCCB-1 Nos, 50A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set	set		13.00	21.00	5.00							
10	Outdoor Pole Mounted Distribution Panel Board (with 160A TP MCCB-1 Nos, 80A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set	set		2.00	2.00	2.00							
11	Outdoor Pole Mounted Distribution Panel Board (with 320A TP MCCB-1 Nos, 160A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set	set		1.00	1.00	1.00							
	Outdoor Pole Mounted Distribution Panel Board (with 500A TP MCCB-1 Nos, 250A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set	set		1.00	1.00	1.00							
1	LT PVC Cable, (Al. 2 Core, 35 sq mm, Armored)	m		-	-	-							
	LT PVC Cable, (Al. 4 Core, 50 sq mm, Armored)	m		305.00	380.00	160.00							
10	LT PVC Cable, (Al. 4 Core, 120 sq mm, Armored)	m		10.00	10.00	10.00							
16	LT PVC Cable, (Al. 4 Core, 300 sq mm, Armored)	m		10.00	10.00	10.00							
	Switchgear, Data Instrumentation												
В.4	System and Accessories												
1	Load Break Switch	set		11.00	15.00	11.00							



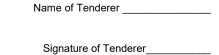


# Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

Schedule of Rates and Prices

Schedule No. 2: Plant and Mandatory Spare Parts Supplied from Within the Employer's Country (Excluding VAT applicable in Employer's Country)

Item	Description Unit	Unit Rate, EXWorks		Quantity		Total Quantity	Unit Rate, Do	omestic Transportation Local Currency	on and Insurance,	Total EXW Price	Total, Domestic Transportation and Insurance	Total Price	
			Local Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Local Currency	Local Currency	Local Currency
1	2	3	4		5		6 = Σ5		7		8 = 4 x 6	$9 = \Sigma(\pi(5 \times 7))$	10 = 8 + 9
'			7	A	В	С	0 - 20	Α	В	С	0-470	3 - 2(II(3 X 1))	10-0.3
	Transformer Data Instrumentation System with every minute data												
	logging and transfer to Server at												
	Regional Control Centre and												
	programmed locations as per												
	specifications all complete - Single												
2	Phase, with IP 67 Box, platform and	set		-	-	-							
	connection system (Current, Voltage,												
	Power, Power Factor, THD, Oil												
	Temperature, Status, Daily Load												
	Curve, local storage and transfer via												
	GSM)												
	Transformer Data Instrumentation												
	System with every minute data												
	logging and transfer to Server at												
	Regional Control Centre and												
	programmed locations as per												
3	specifications all complete - 3 Phase,	set		65.00	80.00	36.00							
	with IP 67 Box, platform and			00.00	00.00	00.00							
	connection system (Current, Voltage,												
	Power, Power Factor, THD, Oil												
	Temperature, Status, Daily Load												
	Curve, local storage and transfer via												
	GSM)  Load Break Switch Data												
	Instrumentation System with every												
	minute data logging and transfer to												
	Server at Regional Control Centre												
	and programmed locations as per												
	specifications all complete - 3 Phase,	set		11.00	15.00	11.00							
	with IP 67 Box, platform and												
	connection system (Current, Voltage,												
	Daily Load Curve, Status, local												
	storage and transfer via GSM)												





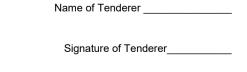
4-A-26 Section 4: Tender Forms

## Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

Schedule of Rates and Prices

Schedule No. 2: Plant and Mandatory Spare Parts Supplied from Within the Employer's Country (Excluding VAT applicable in Employer's Country)

Item	Item Description	Unit	Unit Rate, EXWorks		Quantity		Total Quantity	Unit Rate, Do	omestic Transportation Local Currency		Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
			Local Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Local Currency	Local Currency	Local Currency
1	2	3	4		5		6 = Σ5		7		8 = 4 x 6	$9 = \Sigma(\pi(5 \times 7))$	10 = 8 + 9
	_		,	Α	В	С	<u> </u>	Α	В	С	0-470	3 - 2(II(3 x 1))	10-0.3
С	Low Tension Line												
	Conductor												
l	Cable 3 x 120 + 1 x /0 sq mm	kms		-	-	-							
2	Aerial Bundled Cable with Messenger Cable 3 x 95 + 1 x 70 sq mm	kms		22.55	55.88	41.21							
	Aerial Rundled Cable with Messenger	kms		36.07	89.40	65.94							
4	Agrial Rundlad Cable with Massanger	kms		31.56	78.23	57.70							
_	Agrical Pundled Cable with Massanger	kms		67.64	95.79	70.65							
6	Overhead ACSR 100 sq mm. with 5% Sag with accessories all complete	kms		2.00	2.00	2.00							
'	Sag with accessories all complete	kms		2.00	2.00	2.00							
8	Overhead ACSR 30 sq mm. with 5% Sag with accessories all complete	kms		2.00	2.00	2.00							
9	Mid-Span Cable Connector/Junction Sleeve	set		360.73	894.00	659.41							
	Poles and Accessories												
	PSC Pole and Accessories												
	9 m PSC Pole	nos.		-	-	-							
2	Anchor Assembly for Messenger	set		-	-	-							
	Suspension Assembly for Messenger	set		-	-	-							
4	Insulated Piercing Connector	set		-	-	-							
	Angle Plate	set		-	-	-							
	Eye Nut	set		-	-	-							
	Insulated Cable Cap	set		-	-	-							
"	(16 x 203 mm)	set		-	-	-							
	Pole Clamp with Nut, Bolt and Washers	set		-	-	-							
	Twisted Double Eye	set		-	-	-							
C.2.2	STP Pole and Accessories												
	8 m Steel Tubular Pole	nos.		3,758.00	5,322.00	3,926.00							
	Anchor Assembly for Messenger	set		1,504.00	2,129.00	1,571.00							
	Suspension Assembly for Messenger			3,533.00	5,003.00	3,691.00							
4	Insulated Piercing Connector	set		9,621.00	13,625.00	10,051.00							



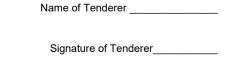


# Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

Schedule of Rates and Prices

Schedule No. 2: Plant and Mandatory Spare Parts Supplied from Within the Employer's Country (Excluding VAT applicable in Employer's Country)

Item	Item Description	Unit	Unit Rate, EXWorks		Quantity		Total Quantity	Unit Rate, Do	mestic Transportation Local Currency	on and Insurance,	Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
			Local Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Local Currency	Local Currency	Local Currency
1	2	3	,		5		6 = Σ5		7		8 = 4 x 6	$9 = \Sigma(\pi(5 \times 7))$	10 = 8 + 9
' '	2	"	7	Α	В	С	0 – 23	Α	В	С	0-470	3 - 2(II(3 x 1))	10 - 0 1 9
5	Angle Plate	set		752.00	1,065.00	786.00							
	Insulated Cable Cap	set		6,013.00	8,516.00	6,282.00							
7	Pig Tail with Fabricated Eye	set		3,984.00	5,642.00	4,162.00							
8	Pole Clamp with Nut, Bolt and Washers	set		4,736.00	6,706.00	4,947.00							
9	Twisted Double Eye			1,353.00	1,916.00	1,414.00							
	,			· ·	·	,							
C.2.3	Stays												
	Pole Clamp with Nut, bolt and												
1	washers (PC3), with channel and	noo											
	support structures all complete as per	nos.		-	_	-							
	design and drawings												
	Pole Clamp with Nut, bolt and												
2	washers (TC3), with channel and	nos.		1,504.00	2,129.00	1,571.00							
	support structures all complete as per	1103.		1,504.00	2,129.00	1,57 1.00							
	design and drawings												
3	Bolts with suitable nuts and washers	nos.		3,008.00	4,258.00	3,142.00							
	(M16 x 50 mm)	1103.		3,000.00	4,200.00	5,142.00							
4	Bolts with suitable nuts and washers	nos.		3,008.00	4,258.00	3,142.00							
	(M16 x 100 mm)			·	· ·	·							
	Stay Wire, (7/10 SWG minimum)	kg		15,040.00	21,290.00	15,710.00							
	Stay/Guy Insulator	nos.		1,504.00	2,129.00	1,571.00							
7	Stay Turn Buckle including Thimble, (18 SWG minimum)	nos.		1,504.00	2,129.00	1,571.00							
8	Stay I bolt, (12 inch minimum)	set		1,504.00	2,129.00	1,571.00							
0	Stay I Rod/Anchor Rod, (minimum	noc		1,504.00	2,129.00	1,571.00							
	1600 mm)	nos.		·	· ·	·							
	Bow set with Thimble	nos.		1,504.00	2,129.00	1,571.00							
	Stay Grip	nos.		1,504.00	2,129.00	1,571.00							
	Galvanized Steel Stay Plate for												
12	Installation Underground, (300 x 300			1,504.00	2,129.00	1,571.00							
	x 6 mm minimum)												
0.0	0												
	Special Components			F 00	F 00	5.00							
	10 m PSC Pole	nos.	<u> </u>	5.00		5.00			+	1			
	11 m PSC Pole 9 m Steel Tubular Pole	nos.		5.00	5.00	5.00 5.00			+	-			
	10 m Steel Tubular Pole	nos.		5.00 5.00	5.00 5.00	5.00			+	-			
	11 m Steel Tubular Pole	nos.		4.00	4.00	4.00			+				
	13 m Steel Tubular Pole	nos.		4.00	4.00	4.00			+	_			
	13 III Steel Tubulai FUIE								+	-			
C.4	Tools and Equipment												
U.4	10013 and Equipment												





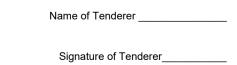
4-A-28 Section 4: Tender Forms

# Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

Schedule of Rates and Prices

Schedule No. 2: Plant and Mandatory Spare Parts Supplied from Within the Employer's Country (Excluding VAT applicable in Employer's Country)

Item	Description	Unit	Unit Rate, EXWorks		Quantity		Total Quantity	Unit Rate, Do	mestic Transportation Local Currency	on and Insurance,	Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
			Local Currency	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti		Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Local Currency	Local Currency	Local Currency
1	2	3	4		5		6 = Σ5		7		8 = 4 x 6	$9 = \Sigma(\pi(5 \times 7))$	10 = 8 + 9
				Α	В	С		A	В	С		-((****//	
1	common bolts	Sets		5.00	5.00	5.00							
2	common bolts	Sets		5.00	5.00	5.00							
		Sets		5.00	5.00	5.00							
4	Steel ropes (Pilot wire) 35 sq. mm	m		50.00	50.00	50.00							
5	Pilot wire grips (35 sq. mm) come along clamp	Nos.		50.00	50.00	50.00							
6	Rubber covered rollers,pullies(2,3 keys)	Sets		2.00	2.00	2.00							
-	Portable earthing set (for	0.4		5.00	5.00	5.00							
/	Transmission line maintenance safety purpose)	Sets		5.00	5.00	5.00							
8		Sets		20.00	20.00	20.00							
9	Line operator's leather gloves	Pairs		20.00	20.00	20.00							
10	Safety helmet with chinstrap and accessories	Sets		20.00	20.00	20.00							
11	Insulation tester (10000 V) suitable for outdoor line testing purpose	Nos.		5.00	5.00	5.00							
12		Nos.		5.00	5.00	5.00							
13		Nos.		5.00	5.00	5.00							
14	LCANACITY WITH ALL ACCASSOCIAS	Sets		1.00	1.00	1.00							
15	Sagging Winch 10 MT capacity hand operated	Sets		1.00	1.00	1.00							
16	Grip suitable for ACSR DOG/RABBIT/WEASEL Conductor	Sets		5.00	5.00	5.00							
17	Grip suitable for ADSS Cable	Sets		5.00	5.00	5.00							
18	Grip suitable for ABC Cable	Sets		5.00	5.00	5.00							
19	Operation	Sets		5.00	5.00	5.00							
20	One Set of complete tools for Maintenance/Replacement Works of Aerial Bunched Cable	Sets		5.00	5.00	5.00							





### **Nepal Electricity Authority**

### Distribution and Consumer Services Directorate

### Distribution System Upgrade and Expansion Project

#### Schedule of Rates and Prices

### Summary of Schedule No. 3: Design Services (Excluding VAT applicable in Employer's Country)

FC: USD

LC: NPR

Schedule No.	Title	Total	Price
Scriedule No.	Title	Foreign	Local
A.	11 kV Line	-	-
B.	Distribution Transformers and Switchgear	-	-
C.	Low Tension Lines	-	-
	Grand Total to be carried forward to Schedule 5	-	-

Name of	Tenderer	

Signature of Tenderer



4-A-30 Section 4: Tender Forms

### **Nepal Electricity Authority**

### Distribution and Consumer Services Directorate

### Distribution System Upgrade and Expansion Project

### Schedule of Rates and Prices

Schedule No. 3: Design Services (Excluding VAT applicable in Employer's Country)

FC: USD

	Description			Unit	Price	Total Price		
Item			Quantity	Foreign Currency Portion	Local Currency Portion	Foreign Currency Portion	Local Currency Portion	
1	2	3	4	5	6	7 = 4 x 5	8 = 4 x 6	
A.	11 kV Line							
1	Preconstruction Survey, Design and Drawings of 11 kV Line as per the scope of the project	kms	371.55			-	-	
2	As Built Drawings, Testing and Commissioning of 11kV Line as per the scope of the project		371.55			-	-	
B.	Distribution Transformers and Switchgear					-	-	
1	Design, Drawings, Identification of Location and Capacity of 11/0.4 kV Distribution Transformer including data communication system, Lightning Arrester, MCCB, earthing, etc. all complete as per the scope of the project	set	181.00			-	-	
2	As Built Drawings, Testing and Commissioning of 11/0.4 kV Distribution Transformer including data communication system, Lightning Arrester, MCCB, earthing, etc. all complete as per the scope of the project	set	181.00			-	-	
3	Design, Drawings, Identification of Location and Capacity of Switchgear like load break switches including data communication system as per the scope of the project	set	37.00			-	-	
4	As Built Drawings, Testing and Commissioning of Switchgear like load break switches including data communication system as per the scope of the project	set	37.00			-	-	

Name of Tenderer	
Signature of Tenderer	



### Nepal Electricity Authority

### Distribution and Consumer Services Directorate

### Distribution System Upgrade and Expansion Project

### Schedule of Rates and Prices

Schedule No. 3: Design Services (Excluding VAT applicable in Employer's Country)

FC: USD

LC: NPR

				Unit	Price	Total Price		
Item	Description	Unit	Quantity	Foreign Currency Portion	Local Currency Portion	Foreign Currency Portion	Local Currency Portion	
1	2	3	4	5	6	7 = 4 x 5	8 = 4 x 6	
C.	Low Tension Lines					-	-	
1	Preconstruction Survey, Design and Drawings of Low Tension Line as per the scope of the project	kms	520.17			-	-	
	As Built Drawings, Testing and Commissioning of Low Tension Line as per the scope of the project	kms	520.17			-	-	

Name of Tenderer \_\_\_\_\_

Signature of Tenderer\_\_\_\_



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### **Nepal Electricity Authority**

### Distribution and Consumer Services Directorate

### Distribution System Upgrade and Expansion Project

#### Schedule of Rates and Prices

### Summary of Schedule No. 4: Installation and Other Services (Excluding VAT applicable in Employer's Country)

FC: USD

LC: NPR

Schedule No.	Title	Total Price			
Scriedule No.	Title	Foreign Currency	Local Currency		
A.	11 kV Line	-	-		
B.	Distribution Transformers and Switchgear	-	-		
C.	Low Tension Lines	-	-		
D.	Environment, Social Corporate Responsibility Works	-	-		
	Grand Total to be carried forward to Schedule 5	-	-		

Name	of Tenderer	

Signature of Tenderer

# Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

Schedule of Rates and Prices

Schedule No. 4: Installation and Other Services (Excluding VAT applicable in Employer's Country)

LC: NPR

			Quantity					Unit Price, Local Cur	rency	Total Price
Item	Description	Unit	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Total Quantity	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Local Currency
1	2	3		4		5 = Σ4		6		$7 = \Sigma(\pi(4 \times 6))$
	-		A	В	С	U - 24	Α	В	С	7 - 2(11(4 x 0))
	11 kV Lines									
	Conductors					-				-
1 1	Stringing of Covered Conductor (XLPE insulated, 100 sq.mm. AAC)	kms	338.19	478.93	353.26	1,170.37				-
A.2	Poles and accessories		_			<u>-</u>				-
	Hardware and transportation of 11 m long PSC including erection - excavation of footing, making pole vent, placing in footing, backfilling, concreting all complete	Nos.	-	-	-	-				-
	Hardware and transportation of 11 m long Steel tubular pole including erection - excavation of footing, making pole vent, placing in footing, backfilling, concreting all complete		2,029.00	2,873.00	2,119.00	7,021.00				-
3	Stay sets, with stay wire, rod, ties & insulator all complete including transportation to site.	set	812.00	1,150.00	848.00	2,810.00				-
	specifications for 11 m STP.	cum	1,791.12	2,536.17	1,870.57	6,197.85				-
	Dismantling Works					-				-
1	office store safely) all complete	Nos.	10.00	10.00	20.00	40.00				-
2	Dismantling of existing HT or LT wire (Dismantle and carry back to office store safely) all complete	kms	2.00	2.00	10.00	14.00				-
						-				-
	Reconductoring Works					-				-
	Recondutoring of 11 kV lines or LT for certain sections as double or single circuit	kms	10.00	10.00	10.00	30.00				-
		set	10.00	10.00	10.00	30.00				-
3	Reconnection Works of Service Cable (Three Phase)	set	10.00	10.00	10.00	30.00				-
A.5	Special Components					-				-
	Hardware and transportation of 13 m long Steel tubular pole									
1	including erection - excavation of footing, making pole vent, placing in footing, backfilling, concreting all complete	set	5.00	5.00	5.00	15.00				-
	Hardware and transportation of 14.5 m long Steel tubular pole including erection - excavation of footing, making pole vent, placing in footing, backfilling, concreting all complete	set	5.00	5.00	5.00	15.00				-
3	Providing and laying of plain cement concrete (PCC) M15 (manual	cum	18.41	18.41	18.41	55.23				-

Name of Tenderer \_\_\_\_\_



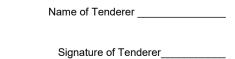
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### Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

#### Schedule of Rates and Prices

Schedule No. 4: Installation and Other Services (Excluding VAT applicable in Employer's Country)

				Quantity				Unit Price, Local Cur	rency	Total Price
Item	Description	Unit	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Total Quantity	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Local Currency
1	2	3		4		5 = Σ4		6		$7 = \Sigma(\pi(4 \times 6))$
'	2		Α	В	С	5 - 24	Α	В	С	7 - 2(11(4 x 0))
В	Distribution Transformer									
B.1	Distribution Transformer, Distribution Panel Board,									
D. I	Instrumentation System, Cable all complete					-				-
	Transformer Installation and Commissioning including Platform,									
1	Distribution Panel Board & Cable all complete - 5 kVA, single	set	-	-	-	-				-
	phase									
	Transformer Installation and Commissioning including Platform,									
2	Distribution Panel Board & Cable all complete - 10 kVA, single	set	-	-	-	-				-
	phase									
	Transformer Installation and Commissioning including Platform,									
3	Distribution Panel Board & Cable all complete - 16 kVA, single	set	-	-	-	-				-
	phase									
1	Transformer Installation and Commissioning including Platform,	set	48.00	55.00	27.00	130.00				
4	Distribution Panel Board & Cable all complete - 25 kVA, 3 phase	Set	46.00	55.00	27.00	130.00				-
_	Transformer Installation and Commissioning including Platform,	aat	13.00	21.00	5.00	39.00				
) 3	Distribution Panel Board & Cable all complete - 50 kVA, 3 phase	set	13.00	21.00	5.00	39.00				-
6	Transformer Installation and Commissioning including Platform,	aat	2.00	2.00	2.00	6.00				
0	Distribution Panel Board & Cable all complete - 100 kVA, 3 phase	set	2.00	2.00	2.00	0.00				-
7	Transformer Installation and Commissioning including Platform,	aat	1.00	1.00	1.00	3.00				
'	Distribution Panel Board & Cable all complete - 200 kVA, 3 phase	set	1.00	1.00	1.00	3.00				-
0	Transformer Installation and Commissioning including Platform,	set	1.00	1.00	1.00	3.00				
0	Distribution Panel Board & Cable all complete - 300 kVA, 3 phase	Set	1.00	1.00	1.00	3.00				-
						-				-
	Switchgear and Accessories					-				-
		set	65.00	80.00	36.00	181.00				-
	· · · · · · · · · · · · · · · · · · ·	set	65.00	80.00	36.00	181.00				-
3		set	-	-	-	-				-
4		set	64.00	79.00	35.00	178.00				-
		set	1.00	1.00	1.00	3.00				-
1	Supply, Installation and Commissioning of Earthing Set, all three									
6	viz. Body, Neutral and Arrester earthing, for distribution transformer	set	65.00	80.00	36.00	181.00				-
	all complete as per NEA Standards									
	Supply, Installation and Commissioning of Data Instrumentation	set								
/	ISVStem all complete - Single Phase	Set	-	-	-	-				-
0	Supply, Installation and Commissioning of Data Instrumentation System all complete - 3 phase	cot	65.00	90.00	36.00	181.00				
°	System all complete - 3 phase	set	05.00	80.00		101.00				
9	Installation and Commissioning of Load Break Switches	set	11.00	15.00	11.00	37.00				-
10	Supply, Installation and Commissioning of Data Instrumentation System all complete for Load Break Switches	cot	11.00	15.00	11.00	37.00				
	System all complete for Load Break Switches	set	11.00	15.00		37.00				





## Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

#### Schedule of Rates and Prices

Schedule No. 4: Installation and Other Services (Excluding VAT applicable in Employer's Country)

LC: NPR

				Quantity				Unit Price, Local Cui	rrency	Total Price	
Item	Description	Unit	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Total Quantity	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Local Currency	
1	2	3		4		5 = Σ4		6		$7 = \Sigma(\pi(4 \times 6))$	
'	2		Α	В	С	5 - 24	Α	В	С	7 - 2(11(4 X 0))	
С	Low Tension Lines										
C.1	Stringing of Conductor including all accessories and hardware fittings					-				-	
1	Aerial Bundled Cable with Messenger Cable 3 x 120 + 1 x 70 sq mm	kms	-	-	-	-				-	
2	Aerial Bundled Cable with Messenger Cable 3 x 95 + 1 x 70 sq mm	kms	22.55	55.88	41.21	119.63				-	
3	Aerial Bundled Cable with Messenger Cable 3 x 50 + 1 x 35 sq mm	kms	36.07	89.40	65.94	191.41				-	
4	Aerial Bundled Cable with Messenger Cable 3 x 25 + 1 x 25 sq mm	kms	31.56	78.23	57.70	167.49				-	
5		kms	67.64	95.79	70.65	234.07				-	
6	Overhead ACSR 100 sq mm. with 5% Sag with accessories all complete	kms	2.00	2.00	2.00	6.00				-	
7	Overhead ACSR 50 sq mm. with 5% Sag with accessories all complete	kms	2.00	2.00	2.00	6.00				-	
8	Overhead ACSR 30 sq mm. with 5% Sag with accessories all complete	kms	2.00	2.00	2.00	6.00				-	
						-				-	
C.2	Poles and accessories					-				-	
1	footing, backfilling, concreting all complete	Nos.	-	-	-	-				-	
	Hardware and transportation of 8m long Steel Tubular Pole including erection - excavation of footing, making pole vent, placing in footing, backfilling, concreting all complete		3,758.00	5,322.00	3,926.00	13,006.00				-	
3	Stay sets, with stay wire, rod, ties & insulator all complete including transportation to site.	set	1,504.00	2,129.00	1,571.00	5,204.00				-	
4	Providing and laying of plain cement concrete (PCC) M15 (manual	cum	2,589.41	3,667.07	2,705.17	8,961.65				-	
C.3	Dismantling Works		-			-				-	
1	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	10.00	10.00	10.00	30.00				-	
2	Dismantling of existing LT Conductor-4.3 or 2 wire (Dismantle and	kms	2.00	2.00	2.00	6.00				-	
						-				-	
C.4	Reconductoring Works					-				-	
1	or single circuit	kms	10.00	10.00	10.00	30.00				-	
		set	10.00	10.00	10.00	30.00				-	
_	Reconnection Works of Service Cable (Three Phase)	set	10.00	10.00	10.00	30.00		1	1	_	

Name of Tenderer \_\_\_\_\_

Signature of Tenderer\_



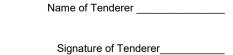
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### Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

#### Schedule of Rates and Prices

Schedule No. 4: Installation and Other Services (Excluding VAT applicable in Employer's Country)

				Quantity				Unit Price, Local Curren	ісу	Total Price
Item	Description	Unit	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Total Quantity	Dudlekhana Musya	Budhiganga Budhiganga	Raskot Kolti	Local Currency
1	2	3		4		5 = Σ4		6		$7 = \Sigma(\pi(4 \times 6))$
	-		A	В	С	V - L+	A	В	С	7 - 2(II(+ X 0))
C.5	Special Components					-				-
	Hardware and transportation of 10 m long PSC including erection -									
1	j 3, 31 ,1 3 3,	set	5.00	5.00	5.00	15.00				-
	backfilling, concreting all complete									
	Hardware and transportation of 11 m long PSC pole including									
	5, 51 ,1 5	set	5.00	5.00	5.00	15.00				-
	footing, backfilling, concreting all complete									
	Hardware and transportation of 9 m long Steel tubular pole									
	including erection - excavation of footing, making pole vent, placing	set	5.00	5.00	5.00	15.00				-
	in footing, backfilling, concreting all complete									
	Hardware and transportation of 10 m long Steel tubular pole	l .								
	including erection - excavation of footing, making pole vent, placing	set	5.00	5.00	5.00	15.00				-
	in footing, backfilling, concreting all complete									
_	Hardware and transportation of 11 m long Steel tubular pole	l .		4.00		40.00				
	including erection - excavation of footing, making pole vent, placing	set	4.00	4.00	4.00	12.00				-
	in footing, backfilling, concreting all complete									
	Hardware and transportation of 13 m long Steel tubular pole	l .								
	including erection - excavation of footing, making pole vent, placing	set	2.00	2.00	2.00	6.00				-
	in footing, backfilling, concreting all complete									
_	Providing and laying of plain cement concrete (PCC) M15 (manual			0.40		00.44				
7	, ,	cum	9.48	9.48	9.48	28.44				-
	specifications for 10, 11 and 13 m STP.									





### Nepal Electricity Authority Distribution and Consumer Services Directorate Distribution System Upgrade and Expansion Project

#### Schedule of Rates and Prices

Schedule No. 4: Installation and Other Services (Excluding VAT applicable in Employer's Country)

			FC: USD	LC: NPR
Item	em Description		Total Price	Total Price
			Foreign Currency	Local Currency
1	2	4	6	7
D.	Environmental Mitigation Works			
D.1	Environmental and Social Mitigation Works			
1	Mitigation Works as per the ESMP Reports and as assigned by Client.	lot		-

Name of Tenderer \_\_\_\_\_

Signature of Tenderer\_\_\_\_



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### Nepal Electricity Authority

### Distribution and Consumer Services Directorate

### Distribution System Upgrade and Expansion Project

### Schedule of Rates and Prices

### Schedule No. 6: Recommended Spare Parts (Excluding VAT Applicable in Employer's Country)

FC: USD LC: NPR

			Unit	Price	Total Price		
Item	Description	Quantity	CIP	EXW			
item	Description	Quantity	Imported Parts	Local Parts	Foreign Currency Portion	Local Currency Portion	
			Foreign Currency	Local Currency			
1	2	3	4	5	6 = 3 x 4	7 = 3 x 5	
				TOTAL			

Name of Tenderer	

Signature of Tenderer
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