

**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 Distribution System Network - Package No. EIB-W5**

**Package No. EIB-W4 Subprojects: Bajhang, Baitadi, Rukum East and Rolpa Districts**

**Single-Stage: Two-Envelope  
Tender Procedure**

**Issued on:**

**Invitation for Tenders No.: ICB-DCSD-2079/80-DSUEP-EIB-W5**

**Contract Ref. No.: ICB-DCSD-2079/80-DSUEP-EIB-W5**

**Employer: Nepal Electricity Authority**

**Country: Nepal**

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

**Distribution System Upgrade and Expansion Project**

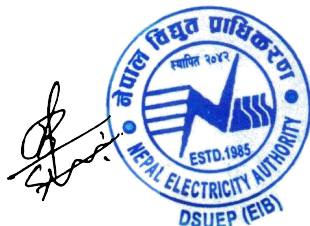
**Distribution and Consumer Services Directorate**

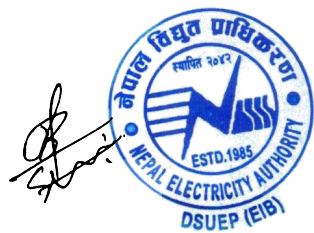
**Nepal Electricity Authority**

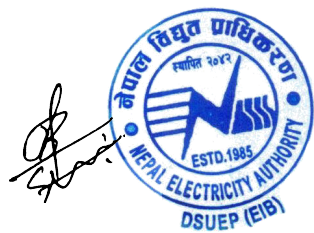
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# Table of Contents - Summary Description

## PART I TENDER PROCEDURES

### Section 1 - Instructions to Tenderers (ITT) ----- 1-1

This section specifies the procedures to be followed by Tenderers in the preparation and submission of their Bids. Information is also provided on the submission, opening, and evaluation of bids and on the award of contract.

### Section 2 - Tender Data Sheet (TDS) ----- 2-1

This section consists of provisions that are specific to each procurement and supplement the information or requirements included in Section 1 (Instructions to Tenderers).

### Section 3 - Evaluation and Qualification Criteria (EQC) ----- 3-1

This section contains the tender evaluation criteria to determine the lowest evaluated Tender and lists the necessary qualifications of Tenderers.

### Section 4 - Tender Forms (TDF) ----- 4-1

This section contains the forms which are to be completed by the Tenderer and submitted as part of its Tender.

### Section 5 - Eligible Countries (ELC) ----- 5-1

This section contains the list of eligible countries.

## PART II REQUIREMENTS

### Section 6 - Employer's Requirements (ERQ) ----- 6-1

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## PART III CONDITIONS OF CONTRACT AND CONTRACT FORMS

### Section 7 - General Conditions of Contract (GCC) ----- 7-1

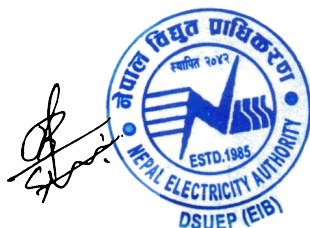
This section contains the general clauses to be applied in all contracts. These Conditions are subject to the variations and additions set out in Section 8 (Special Conditions of Contract).

### Section 8 - Special Conditions of Contract (SCC) ----- 8-1

This section contains provisions that are specific to each contract and that modify or supplement the GCC. Whenever there is a conflict, the provisions herein shall prevail over those in the GCC. The clause number of the SCC is the corresponding clause number of the GCC.

### Section 9 - Contract Forms (COF) ----- 9-1

This section contains forms, which, once completed, will form part of the Contract. The forms for Performance Security and Advance Payment Security, when required, shall only be completed by the successful Tenderer after contract award.



Volume III

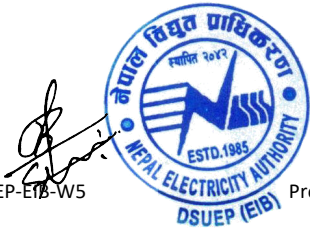
Section 4: Tender Forms

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

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



## Volume III

### Section 4: Tender Forms

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

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





*[Handwritten signature]*

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

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

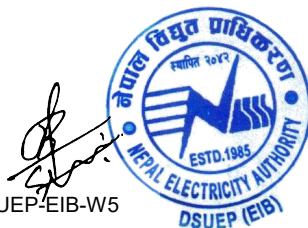
Nepal Electricity Authority  
Distribution and Consumer Services Directorate  
Distribution System Upgrade and Expansion Project  
Schedule of Rates and Prices

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

FC: USD

LC: NPR

Schedule No.	Title	Total Price	
		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		-	-



Tender No.: ICB-DCSD-2079/80-DSUEP-EIB-W5

Procurement of Plant

Single-Stage: Two-Envelope

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

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



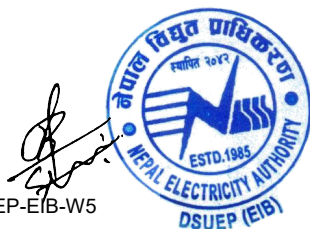
## Nepal Electricity Authority

## 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)

Item	Description	FC: USD		LC: NPR	
		Total Price		Total Cost in Foreign Currency Only	Total Cost in Local Currency Only
		Foreign Currency	Local Currency		
1	2	3	4	5 = 3 + 4/USD Rate	6 = 3xUSD 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	-	-	-	-



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

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

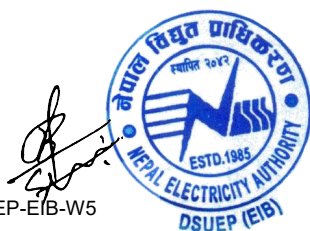
## Nepal Electricity Authority

## 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)

Item	Description	Total Price		FC: USD	LC: NPR
		Foreign Currency	Local Currency	Total Cost in Foreign Currency Only	Total Cost in Local Currency Only
1	2	3	4	5 = 3 + 4/USD Rate	6 = 3xUSD Rate + 4
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	Environmental and Social Mitigation Works (Provisional Sum)				
4.1	Environmental and Social Mitigation Works	-	35,000,000.00	264,950.79	35,000,000.00
T-4	Sub Total of Environmental and Social Mitigation Works (Provisional Sum)	-	35,000,000.00	264,950.79	35,000,000.00
Grand Total (Sum of T-1 ... T-4)		-			



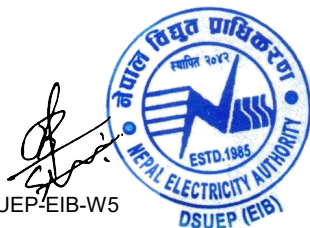
Nepal Electricity Authority  
Distribution and Consumer Services Directorate  
Distribution System Upgrade and Expansion Project  
Schedule of Rates and Prices

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	
		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 \_\_\_\_\_

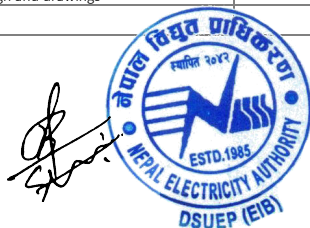
Nepal Electricity Authority  
Distribution and Consumer Services Directorate  
Distribution System Upgrade and Expansion Project  
Schedule of Rates and Prices

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				Total Quantity	Unit Rate, Domestic Transportation and Insurance, Local Currency				Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
				Foreign Currency	Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP		Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP	Foreign Currency	Local Currency
					A	B	C	D		A	B	C	D		
1	2	3	4	5	6				7 = Σ6	8				9 = 5 x 7	10 = Σ(8 x 6)
<b>A.</b>	<b>11 kV Line</b>								-					-	-
<b>A.1</b>	<b>Conductors</b>								-					-	-
1	XLPE Overhead Covered Conductor, 100 sq mm. with 5% Sag		kms		91.00	45.00	17.00	17.00	170.00					-	-
2	XLPE Overhead Covered Conductor, 55 sq mm. with 5% Sag		kms		514.00	257.00	96.00	96.00	963.00					-	-
3	Mid-Span Joining Sleeve (Covered Conductor. rated min 500A)		set		1,152.00	576.00	216.00	216.00	2,160.00					-	-
4	Tension/Anchoring Assembly (including Anti-tracking Device and Socket Eye)		set		18.00	9.00	3.00	3.00	33.00					-	-
5	Polymeric Pin Ties, and Top Ties		set		18.00	9.00	3.00	3.00	33.00					-	-
6	Insulation Piercing Connectors (IPC) - Type 1		set		18.00	9.00	3.00	3.00	33.00					-	-
7	Insulation Piercing Connectors (IPC) - Type 2		set		18.00	9.00	3.00	3.00	33.00					-	-
8	Insulation Piercing Connectors (IPC) - Type 3		set		71.00	35.00	35.00	35.00	176.00					-	-
									-					-	-
<b>A.2</b>	<b>Poles and Accessories</b>								-					-	-
<b>A.2.1</b>	<b>STP Pole and Accessories - Single Circuit</b>								-					-	-
1	11 M Steel Tubular Pole		nos.		3,040.00	1,520.00	570.00	570.00	5,700.00					-	-
2	Back Strap		nos.		4,104.00	2,052.00	770.00	770.00	7,696.00					-	-
3	Bolts with suitable nuts and washers (M16 x 100 mm)		nos.		16,720.00	8,360.00	3,135.00	3,135.00	31,350.00					-	-
4	Bolts with suitable nuts and washers (M16 x 235 mm)		nos.		304.00	152.00	57.00	57.00	570.00					-	-
5	Bolts with suitable nuts and washers (M16 x 50 mm)		nos.		3,648.00	1,824.00	684.00	684.00	6,840.00					-	-
6	Disc Type Insulator for 11 kV		set		4,104.00	2,052.00	770.00	770.00	7,696.00					-	-
7	Flat Crossarm Brace 11 kV (50 x 6 x 666 mm)		nos.		3,344.00	1,672.00	627.00	627.00	6,270.00					-	-
8	Insulator Pin for Pin Insulator of 11 kV		set		6,840.00	3,420.00	1,283.00	1,283.00	12,826.00					-	-
9	Interconnecting Clamp for MVCC		set		912.00	456.00	171.00	171.00	1,710.00					-	-
10	Pin Type Insulator for 11 kV		nos.		6,840.00	3,420.00	1,283.00	1,283.00	12,826.00					-	-
11	Pole Clamp with Nut, bolt and washers (TC1) with channel and support structures all complete as per design and drawings		set		5,016.00	2,508.00	941.00	941.00	9,406.00					-	-
12	Pole Clamp with Nut, bolt and washers (TC2) with channel and support structures all complete as per design and drawings		set		3,344.00	1,672.00	627.00	627.00	6,270.00					-	-
13	Pole Clamp with Nut, bolt and washers, Bottom Bracing (TC5) with channel and support structures all complete as per design and drawings		set		304.00	152.00	57.00	57.00	570.00					-	-
14	Pole Clamp with Nut, bolt and washers, Top Bracing (TC4) with channel and support structures all complete as per design and drawings		set		304.00	152.00	57.00	57.00	570.00					-	-
15	Preformed Pin Ties, Top Ties		set		6,840.00	3,420.00	1,283.00	1,283.00	12,826.00					-	-



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

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

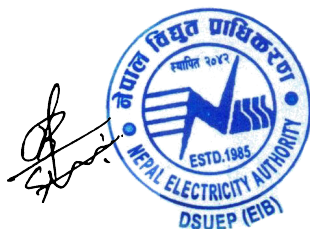
Nepal Electricity Authority  
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Distribution System Upgrade and Expansion Project  
Schedule of Rates and Prices

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				Total Quantity	Unit Rate, Domestic Transportation and Insurance, Local Currency				Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
				Foreign Currency	Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP		Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP	Foreign Currency	Local Currency
					A	B	C	D		A	B	C	D		
1	2	3	4	5	6				7 = Σ6	8				9 = 5 x 7	10 = Σ(n(8 x 6))
16	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1800 mm)		nos.		304.00	152.00	57.00	57.00	570.00					-	-
17	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1900 mm)		nos.		1,368.00	684.00	257.00	257.00	2,566.00					-	-
18	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2416 mm)		nos.		152.00	76.00	29.00	29.00	286.00					-	-
19	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2919 mm)		nos.		304.00	152.00	57.00	57.00	570.00					-	-
20	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 3300 mm)		nos.		1,368.00	684.00	257.00	257.00	2,566.00					-	-
21	Strap for Insulator String for 11 kV (100 x 5 x 350 mm)		set		912.00	456.00	171.00	171.00	1,710.00					-	-
22	Tension Set with Ball and Socket Eye		set		4,104.00	2,052.00	770.00	770.00	7,696.00						
23	Offset Cross-Arm for Covered Conductor with all accessories complete		set		608.00	304.00	114.00	114.00	1,140.00					-	-
									-					-	-
<b>A.2.2 STP Pole and Accessories - Double Circuit</b>									-					-	-
1	11 m Steel Tubular Pole		nos.		214.00	107.00	40.00	40.00	401.00					-	-
2	Back Strap		nos.		578.00	289.00	108.00	108.00	1,083.00					-	-
3	Bolts with suitable nuts and washers (M16 x 100 mm)		nos.		2,654.00	1,327.00	496.00	496.00	4,973.00					-	-
4	Bolts with suitable nuts and washers (M16 x 235 mm)		nos.		65.00	33.00	12.00	12.00	122.00					-	-
5	Bolts with suitable nuts and washers (M16 x 50 mm)		nos.		482.00	241.00	90.00	90.00	903.00					-	-
6	Disc Type Insulator for 11 kV		set		578.00	289.00	108.00	108.00	1,083.00					-	-
7	Flat Crossarm Brace 11 kV (50 x 6 x 666 mm)		nos.		707.00	354.00	132.00	132.00	1,325.00					-	-
8	Insulator Pin for Pin Insulator of 11 kV		set		963.00	482.00	180.00	180.00	1,805.00					-	-
9	Interconnecting Clamp for MVCC		set		129.00	65.00	24.00	24.00	242.00					-	-
10	Pin Type Insulator for 11 kV		nos.		963.00	482.00	180.00	180.00	1,805.00					-	-
11	Pole Clamp with Nut, bolt and washers (TC1) with channel and support structures all complete as per design and drawings		set		931.00	466.00	174.00	174.00	1,745.00					-	-



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

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

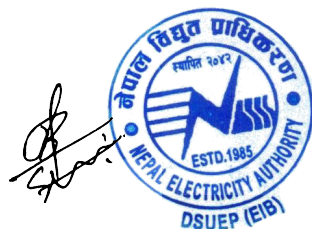
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Distribution and Consumer Services Directorate  
Distribution System Upgrade and Expansion Project  
Schedule of Rates and Prices

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				Total Quantity	Unit Rate, Domestic Transportation and Insurance, Local Currency				Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
				Foreign Currency	Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP		Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP	Foreign Currency	Local Currency
				5	6					7 = Σ6	8				9 = 5 x 7
	2	3	4		A	B	C	D		A	B	C	D		
12	Pole Clamp with Nut, bolt and washers (TC2) with channel and support structures all complete as per design and drawings		set		354.00	177.00	66.00	66.00	663.00					-	-
13	Pole Clamp with Nut, bolt and washers, Bottom Bracing (TC5) with channel and support structures all complete as per design and drawings		set		22.00	11.00	4.00	4.00	41.00					-	-
14	Pole Clamp with Nut, bolt and washers, Top Bracing (TC4) with channel and support structures all complete as per design and drawings		set		22.00	11.00	4.00	4.00	41.00					-	-
15	Preformed Pin Ties, Top Ties		set		963.00	482.00	180.00	180.00	1,805.00					-	-
16	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1600 mm)		nos.		11.00	6.00	2.00	2.00	21.00					-	-
17	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1640 mm)		nos.		11.00	6.00	2.00	2.00	21.00					-	-
18	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1700 mm)		nos.		450.00	225.00	84.00	84.00	843.00					-	-
19	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2500 mm)		nos.		257.00	129.00	48.00	48.00	482.00					-	-
20	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2610 mm)		nos.		22.00	11.00	4.00	4.00	41.00					-	-
21	Strap for Insulator String for 11 kV (100 x 5 x 350 mm)		set		97.00	49.00	18.00	18.00	182.00					-	-
22	Tension Set with Ball and Socket Eye		set		578.00	289.00	108.00	108.00	1,083.00					-	-
23	Offset Cross-Arm for Covered Conductor with all accessories complete		set		86.00	43.00	16.00	16.00	161.00					-	-
									-					-	-



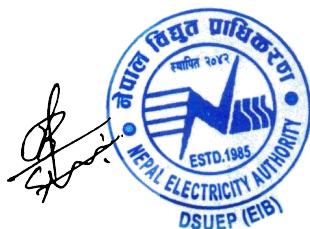
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LC: NPR

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				Foreign Currency	Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP		Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP	Foreign Currency	Local Currency	
				6				8				9 = 5 x 7		10 = Σ(π(8 x 6))		
1	2	3	4	5	A	B	C	D	7 = Σ6	A	B	C	D	9 = 5 x 7	10 = Σ(π(8 x 6))	
A.2.3	Stays									-					-	-
1	Pole Clamp with Nut, bolt and washers (TC3) with channel and support structures all complete as per design and drawings		set		1,302.00	651.00	244.00	244.00	2,441.00						-	-
2	Bolts with suitable nuts and washers (M16 x 50 mm)		nos.		2,604.00	1,302.00	488.00	488.00	4,882.00						-	-
3	Bolts with suitable nuts and washers (M16 x 100 mm)		nos.		2,604.00	1,302.00	488.00	488.00	4,882.00						-	-
4	Stay Wire, (7/10 SWG minimum)		kg		13,020.00	6,510.00	2,440.00	2,440.00	24,410.00						-	-
5	Stay/Guy Insulator		nos.		1,302.00	651.00	244.00	244.00	2,441.00						-	-
6	Stay Turn Buckle including Thimble, (18 SWG minimum)		nos.		1,302.00	651.00	244.00	244.00	2,441.00						-	-
7	Stay I bolt, (12 inch minimum)		nos.		1,302.00	651.00	244.00	244.00	2,441.00						-	-
8	Stay I Rod/Anchor Rod, (minimum 1600 mm)		nos.		1,302.00	651.00	244.00	244.00	2,441.00						-	-
9	Bow set with Thimble		nos.		1,302.00	651.00	244.00	244.00	2,441.00						-	-
10	Stay Grip		nos.		1,302.00	651.00	244.00	244.00	2,441.00						-	-
11	Galvanized Steel Stay Plate for Installation Underground, (600 x 600 x 6 mm minimum)		nos.		1,302.00	651.00	244.00	244.00	2,441.00						-	-
										-					-	-
A.3	Special Components									-					-	-
1	Power Arc Devices (3 Nos. per set)		set		18.00	9.00	3.00	3.00	33.00						-	-



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: 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
				Foreign Currency	Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP		Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP	Foreign Currency	Local Currency
					6					8					
1	2	3	4	5	A	B	C	D	7 = Σ6	A	B	C	D	9 = 5 x 7	10 = Σ(n(8 x 6))
B.	Distribution Transformer and Switchgear Components								-					-	
B.1	Distribution Transformer								-					-	-
1	11/0.4kV 25kVA 3 ph. Distribution Transformer		set		60.00	24.00	24.00	24.00	132.00					-	-
2	11/0.4kV 50kVA 3 ph. Distribution Transformer		set		10.00	10.00	10.00	10.00	40.00					-	-
									-					-	-
B.2	Transformer Platform								-					-	-
1	Transformer Platform for 25 kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete		set		60.00	24.00	24.00	24.00	132.00					-	-
2	Transformer Platform for 50kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete		set		10.00	10.00	10.00	10.00	40.00					-	-
									-					-	-
B.3	Surge Protection Devices and Accessories								-					-	-
1	9 kV Surge Arrester for Three Phase Transformer		set		70.00	34.00	34.00	34.00	172.00					-	-
2	Drop Out Fuse of suitable Capacity for Three Phase Transformer		set		70.00	34.00	34.00	34.00	172.00					-	-
3	Outdoor Pole Mounted Distribution Panel Board (with 50A TP MCCB-1 Nos, 32A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set		set		60.00	24.00	24.00	24.00	132.00					-	-
4	Outdoor Pole Mounted Distribution Panel Board (with 80A TP MCCB-1 Nos, 50A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set		set		10.00	10.00	10.00	10.00	40.00					-	-
5	LT PVC Cable, (Al. 4 Core, 50 sq mm, Armored)		m		350.00	170.00	170.00	170.00	860.00					-	-
									-					-	-
B.4	Switchgear, Data Instrumentation System and Accessories								-					-	-
1	Load Break Switch		set		19.00	10.00	4.00	4.00	37.00					-	-
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 - 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		70.00	34.00	34.00	34.00	172.00					-	-
3	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 storage and transfer via GSM)		set		19.00	10.00	4.00	4.00	37.00					-	-
4	Earthing Set for Transformer all complete (Body, Neutral and Lightning Earthing all complete)		set		70.00	34.00	34.00	34.00	172.00					-	-



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

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



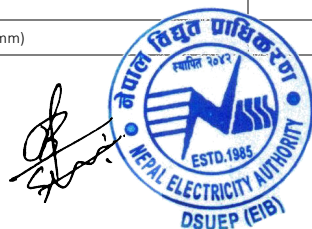
Nepal Electricity Authority  
Distribution and Consumer Services Directorate  
Distribution System Upgrade and Expansion Project  
Schedule of Rates and Prices

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

FC: 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
				Foreign Currency	Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP		Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP	Foreign Currency	Local Currency
				5	6					7 = Σ6	8				9 = 5 x 7
A	B	C	D	A	B	C	D	9 = 5 x 7	10 = Σ(8 x 6))						
C	Low Tension Line								-					-	
C.1	Conductor								-					-	-
1	Aerial Bundled Cable with Messenger Cable 3 x 50 + 1 x 35 sq mm		kms		49.00	22.00	22.00	22.00	115.00					-	-
2	Aerial Bundled Cable with Messenger Cable 3 x 25 + 1 x 25 sq mm		kms		243.00	110.00	110.00	110.00	573.00					-	-
3	Aerial Bundled Cable with Messenger Cable 2 x 25 sq mm		kms		194.00	88.00	88.00	88.00	458.00					-	-
4	Mid-Span Cable Connector/Junction Sleeve		set		1,944.00	880.00	880.00	880.00	4,584.00					-	-
									-					-	-
C.2	Poles and Accessories								-					-	-
C.2.1	STP Pole and Accessories								-					-	-
1	8 m Steel Tubular Pole		nos.		11,550.00	5,250.00	5,250.00	5,250.00	27,300.00					-	-
2	Anchor Assembly for Messenger		set		4,620.00	2,100.00	2,100.00	2,100.00	10,920.00					-	-
3	Suspension Assembly for Messenger		set		10,857.00	4,935.00	4,935.00	4,935.00	25,662.00					-	-
4	Insulated Piercing Connector		set		29,568.00	13,440.00	13,440.00	13,440.00	69,888.00					-	-
5	Angle Plate		set		2,310.00	1,050.00	1,050.00	1,050.00	5,460.00					-	-
6	Insulated Cable Cap		set		18,480.00	8,400.00	8,400.00	8,400.00	43,680.00					-	-
7	Pig Tail with Fabricated Eye		set		12,243.00	5,565.00	5,565.00	5,565.00	28,938.00					-	-
8	Pole Clamp with Nut, Bolt and Washers		set		14,553.00	6,615.00	6,615.00	6,615.00	34,398.00					-	-
9	Twisted Double Eye		set		4,158.00	1,890.00	1,890.00	1,890.00	9,828.00					-	-
									-					-	-
C.2.2	Stays								-					-	-
1	Pole Clamp with Nut, bolt and washers (TC3), with channel and support structures all complete as per design and drawings		nos.		4,620.00	2,100.00	2,100.00	2,100.00	10,920.00					-	-
2	Bolts with suitable nuts and washers (M16 x 50 mm)		nos.		9,240.00	4,200.00	4,200.00	4,200.00	21,840.00					-	-
3	Bolts with suitable nuts and washers (M16 x 100 mm)		nos.		9,240.00	4,200.00	4,200.00	4,200.00	21,840.00					-	-
4	Stay Wire, (7/10 SWG minimum)		kg		46,200.00	21,000.00	21,000.00	21,000.00	109,200.00					-	-
5	Stay/Guy Insulator		nos.		4,620.00	2,100.00	2,100.00	2,100.00	10,920.00					-	-
6	Stay Turn Buckle including Thimble, (18 SWG minimum)		nos.		4,620.00	2,100.00	2,100.00	2,100.00	10,920.00					-	-
7	Stay I bolt, (12 inch minimum)		set		4,620.00	2,100.00	2,100.00	2,100.00	10,920.00					-	-
8	Stay I Rod/Anchor Rod, (minimum 1600 mm)		nos.		4,620.00	2,100.00	2,100.00	2,100.00	10,920.00					-	-



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: USD      LC: NPR

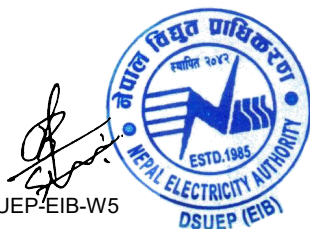
Item	Description	Country of Origin	Unit	Unit Rate, CIP (Nepal Border)	Quantity				Total Quantity	Unit Rate, Domestic Transportation and Insurance, Local Currency				Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
				Foreign Currency	Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP		Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP	Foreign Currency	Local Currency
				5	6					7 = Σ6	8				9 = 5 x 7
1	2	3	4		A	B	C	D		A	B	C	D		
9	Bow set with Thimble		nos.		4,620.00	2,100.00	2,100.00	2,100.00	10,920.00					-	-
10	Stay Grip		nos.		4,620.00	2,100.00	2,100.00	2,100.00	10,920.00					-	-
11	Galvanized Steel Stay Plate for Installation Underground, (300 x 300 x 6 mm minimum)		set		4,620.00	2,100.00	2,100.00	2,100.00	10,920.00					-	-
									-					-	-
C.3	Special Components								-					-	-
1	9 m Steel Tubular Pole		nos.		5.00	5.00	5.00	5.00	20.00					-	-



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)

Schedule No.	Title	FC: USD	LC: NPR
		Total Price	
		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		-	-



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

Item	Description	Unit	Unit Rate, EXWorks	Quantity				Total Quantity	Unit Rate, Domestic Transportation and Insurance, Local Currency				Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
			Local Currency	Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP		Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP	Local Currency	Local Currency	Local Currency
				A	B	C	D		A	B	C	D			
1	2	3	4	5				6 = 25	7				8 = 4 x 6	9 = Σ(5 x 7))	10 = 8 + 9
<b>A.</b>	<b>11 kV Line</b>							-							
<b>A.1</b>	<b>Conductors</b>							-							
1	XLPE Overhead Covered Conductor, 100 sq mm. with 5% Sag	kms		91.00	45.00	17.00	17.00	170.00							
2	XLPE Overhead Covered Conductor, 55 sq mm. with 5% Sag	kms		514.00	257.00	96.00	96.00	963.00							
3	Mid-Span Joining Sleeve (Covered Conductor. rated min 500A)	set		1,152.00	576.00	216.00	216.00	2,160.00							
4	Tension/Anchoring Assembly (including Anti-tracking Device and Socket Eye)	set		18.00	9.00	3.00	3.00	33.00							
5	Polymeric Pin Ties, and Top Ties	set		18.00	9.00	3.00	3.00	33.00							
6	Insulation Piercing Connectors (IPC) - Type 1	set		18.00	9.00	3.00	3.00	33.00							
7	Insulation Piercing Connectors (IPC) - Type 2	set		18.00	9.00	3.00	3.00	33.00							
8	Insulation Piercing Connectors (IPC) - Type 3	set		71.00	35.00	35.00	35.00	176.00							
								-							
<b>A.2</b>	<b>Poles and Accessories</b>							-							
<b>A.2.1</b>	<b>STP Pole and Accessories - Single Circuit</b>							-							
1	11 M Steel Tubular Pole	nos.		3,040.00	1,520.00	570.00	570.00	5,700.00							
2	Back Strap	nos.		4,104.00	2,052.00	770.00	770.00	7,696.00							
3	Bolts with suitable nuts and washers (M16 x 100 mm)	nos.		16,720.00	8,360.00	3,135.00	3,135.00	31,350.00							
4	Bolts with suitable nuts and washers (M16 x 235 mm)	nos.		304.00	152.00	57.00	57.00	570.00							
5	Bolts with suitable nuts and washers (M16 x 50 mm)	nos.		3,648.00	1,824.00	684.00	684.00	6,840.00							
6	Disc Type Insulator for 11 kV	set		4,104.00	2,052.00	770.00	770.00	7,696.00							
7	Flat Crossarm Brace 11 kV (50 x 6 x 666 mm)	nos.		3,344.00	1,672.00	627.00	627.00	6,270.00							
8	Insulator Pin for Pin Insulator of 11 kV	set		6,840.00	3,420.00	1,283.00	1,283.00	12,826.00							
9	Interconnecting Clamp for MVCC	set		912.00	456.00	171.00	171.00	1,710.00							
10	Pin Type Insulator for 11 kV	nos.		6,840.00	3,420.00	1,283.00	1,283.00	12,826.00							
11	Pole Clamp with Nut, bolt and washers (TC1) with channel and support structures all complete as per design and drawings	set		5,016.00	2,508.00	941.00	941.00	9,406.00							
12	Pole Clamp with Nut, bolt and washers (TC2) with channel and support structures all complete as per design and drawings	set		3,344.00	1,672.00	627.00	627.00	6,270.00							
13	Pole Clamp with Nut, bolt and washers, Bottom Bracing (TC5) with channel and support structures all complete as per design and drawings	set		304.00	152.00	57.00	57.00	570.00							
14	Pole Clamp with Nut, bolt and washers, Top Bracing (TC4) with channel and support structures all complete as per design and drawings	set		304.00	152.00	57.00	57.00	570.00							
15	Preformed Pin Ties, Top Ties	set		6,840.00	3,420.00	1,283.00	1,283.00	12,826.00							
16	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1800 mm)	nos.		304.00	152.00	57.00	57.00	570.00							
17	Stay I Rod/Anchor Rod, (minimum 1600 mm)	nos.		1,368.00	684.00	257.00	257.00	2,566.00							




Procurement of Plant

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. 2: Plant and Mandatory Spare Parts Supplied from Within the Employer's Country (Excluding VAT applicable in Employer's Country)

LC: NPR

Item	Description	Unit	Unit Rate, EXWorks	Quantity				Total Quantity	Unit Rate, Domestic Transportation and Insurance, Local Currency				Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
			Local Currency	Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP		Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP	Local Currency	Local Currency	Local Currency
				A	B	C	D		A	B	C	D			
1	2	3	4	5				6 = 25	7				8 = 4 x 6	9 = Σ(5 x 7))	10 = 8 + 9
18	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2416 mm)	nos.		152.00	76.00	29.00	29.00	286.00							
19	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2919 mm)	nos.		304.00	152.00	57.00	57.00	570.00							
20	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 3300 mm)	nos.		1,368.00	684.00	257.00	257.00	2,566.00							
21	Strap for Insulator String for 11 kV (100 x 5 x 350 mm)	set		912.00	456.00	171.00	171.00	1,710.00							
22	Tension Set with Ball and Socket Eye	Set		4,104.00	2,052.00	770.00	770.00	7,696.00							
23	Offset Cross-Arm for Covered Conductor with all accessories complete	set		608.00	304.00	114.00	114.00	1,140.00							
								-							
<b>A.2.2 STP Pole and Accessories - Double Circuit</b>															
1	11 m Steel Tubular Pole	nos.		214.00	107.00	40.00	40.00	401.00							
2	Back Strap	nos.		578.00	289.00	108.00	108.00	1,083.00							
3	Bolts with suitable nuts and washers (M16 x 100 mm)	nos.		2,654.00	1,327.00	496.00	496.00	4,973.00							
4	Bolts with suitable nuts and washers (M16 x 235 mm)	nos.		65.00	33.00	12.00	12.00	122.00							
5	Bolts with suitable nuts and washers (M16 x 50 mm)	nos.		482.00	241.00	90.00	90.00	903.00							
6	Disc Type Insulator for 11 kV	set		578.00	289.00	108.00	108.00	1,083.00							
7	Flat Crossarm Brace 11 kV (50 x 6 x 666 mm)	nos.		707.00	354.00	132.00	132.00	1,325.00							
8	Insulator Pin for Pin Insulator of 11 kV	set		963.00	482.00	180.00	180.00	1,805.00							
9	Interconnecting Clamp for MVCC	set		129.00	65.00	24.00	24.00	242.00							
10	Pin Type Insulator for 11 kV	nos.		963.00	482.00	180.00	180.00	1,805.00							
11	Pole Clamp with Nut, bolt and washers (TC1) with channel and support structures all complete as per design and drawings	set		931.00	466.00	174.00	174.00	1,745.00							
12	Pole Clamp with Nut, bolt and washers (TC2) with channel and support structures all complete as per design and drawings	set		354.00	177.00	66.00	66.00	663.00							
13	Pole Clamp with Nut, bolt and washers, Bottom Bracing (TC5) with channel and support structures all complete as per design and drawings	set		22.00	11.00	4.00	4.00	41.00							
14	Pole Clamp with Nut, bolt and washers, Top Bracing (TC4) with channel and support structures all complete as per design and drawings	set		22.00	11.00	4.00	4.00	41.00							
15	Preformed Pin Ties, Top Ties	set		963.00	482.00	180.00	180.00	1,805.00							
16	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1600 mm)	nos.		11.00	6.00	2.00	2.00	21.00							
17	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1640 mm)	nos.		11.00	6.00	2.00	2.00	21.00							
18	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1700 mm)	nos.		450.00	225.00	84.00	84.00	843.00							
19	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2500 mm)	nos.		257.00	129.00	48.00	48.00	482.00							
20	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2610 mm)	nos.		22.00	11.00	4.00	4.00	41.00							
21	Strap for Insulator String for 11 kV (100 x 5 x 350 mm)	set		97.00	49.00	18.00	18.00	182.00							
22	Tension Set with Ball and Socket Eye	set		578.00	289.00	108.00	108.00	1,083.00							



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

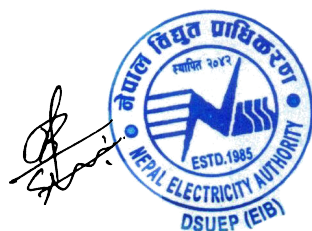
Signature of Tenderer \_\_\_\_\_

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

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

LC: NPR

Item	Description	Unit	Unit Rate, EXWorks	Quantity				Total Quantity	Unit Rate, Domestic Transportation and Insurance, Local Currency				Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
			Local Currency	Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Roipa DSUEP		Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Roipa DSUEP	Local Currency	Local Currency	Local Currency
1	2	3	4	5				6 = 25	7				8 = 4 x 6	9 = Σ(5 x 7))	10 = 8 + 9
				A	B	C	D		A	B	C	D			
23	Offset Cross-Arm for Covered Conductor with all accessories complete	set		86.00	43.00	16.00	16.00	161.00							
								-							
<b>A.2.3 Stays</b>															
1	Pole Clamp with Nut, bolt and washers (TC3) with channel and support structures all complete as per design and drawings	set		1,302.00	651.00	244.00	244.00	2,441.00							
2	Bolts with suitable nuts and washers (M16 x 50 mm)	nos.		2,604.00	1,302.00	488.00	488.00	4,882.00							
3	Bolts with suitable nuts and washers (M16 x 100 mm)	nos.		2,604.00	1,302.00	488.00	488.00	4,882.00							
4	Stay Wire, (7/10 SWG minimum)	kg		13,020.00	6,510.00	2,440.00	2,440.00	24,410.00							
5	Stay/Guy Insulator	nos.		1,302.00	651.00	244.00	244.00	2,441.00							
6	Stay Turn Buckle including Thimble, (18 SWG minimum)	nos.		1,302.00	651.00	244.00	244.00	2,441.00							
7	Stay I bolt, (12 inch minimum)	nos.		1,302.00	651.00	244.00	244.00	2,441.00							
8	Stay I Rod/Anchor Rod, (minimum 1600 mm)	nos.		1,302.00	651.00	244.00	244.00	2,441.00							
9	Bow set with Thimble	nos.		1,302.00	651.00	244.00	244.00	2,441.00							
10	Stay Grip	nos.		1,302.00	651.00	244.00	244.00	2,441.00							
11	Galvanized Steel Stay Plate for Installation Underground, (600 x 600 x 6 mm minimum)	nos.		1,302.00	651.00	244.00	244.00	2,441.00							
								-							
<b>A.3 Special Components</b>															
1	Power Arc Devices (3 Nos. per set)	set		18.00	9.00	3.00	3.00	33.00							

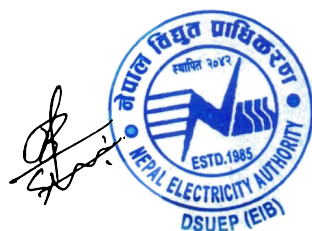


Nepal Electricity Authority  
Distribution and Consumer Services Directorate  
Distribution System Upgrade and Expansion Project  
Schedule of Rates and Prices

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

LC: NPR

Item	Description	Unit	Unit Rate, EXWorks	Quantity				Total Quantity	Unit Rate, Domestic Transportation and Insurance, Local Currency				Total EXW Price	Total, Domestic Transportation and Insurance	Total Price		
			Local Currency	Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP		Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP		Local Currency		Local Currency	Local Currency
				A	B	C	D		A	B	C	D		8 = 4 x 6		9 = Σ(n(5 x 7))	10 = 8 + 9
1	2	3	4	5				6 = Σ5	7				8 = 4 x 6	9 = Σ(n(5 x 7))	10 = 8 + 9		
B.	Distribution Transformer and Switchgear Components							-									
B.1	Distribution Transformer							-									
1	11/0.4kV 25kVA 3 ph. Distribution Transformer	set		60.00	24.00	24.00	24.00	132.00									
2	11/0.4kV 50kVA 3 ph. Distribution Transformer	set		10.00	10.00	10.00	10.00	40.00									
								-									
B.2	Transformer Platform							-									
1	Transformer Platform for 25 kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete	set		60.00	24.00	24.00	24.00	132.00									
2	Transformer Platform for 50kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete	set		10.00	10.00	10.00	10.00	40.00									
								-									
B.3	Surge Protection Devices and Accessories							-									
1	9 kV Surge Arrester for Three Phase Transformer	set		70.00	34.00	34.00	34.00	172.00									
2	Drop Out Fuse of suitable Capacity for Three Phase Transformer	set		70.00	34.00	34.00	34.00	172.00									
3	Outdoor Pole Mounted Distribution Panel Board (with 50A TP MCCB-1 Nos, 32A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set	set		60.00	24.00	24.00	24.00	132.00									
4	Outdoor Pole Mounted Distribution Panel Board (with 80A TP MCCB-1 Nos, 50A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set	set		10.00	10.00	10.00	10.00	40.00									
5	LT PVC Cable, (Al. 4 Core, 50 sq mm, Armored)	m		350.00	170.00	170.00	170.00	860.00									
								-									
B.4	Switchgear, Data Instrumentation System and Accessories							-									
1	Load Break Switch	set		19.00	10.00	4.00	4.00	37.00									
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 - 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		70.00	34.00	34.00	34.00	172.00									
3	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 storage and transfer via GSM)	set		19.00	10.00	4.00	4.00	37.00									
4	Earthing Set for Transformer all complete (Body, Neutral and Lightning Earthing all complete)	set		70.00	34.00	34.00	34.00	172.00									

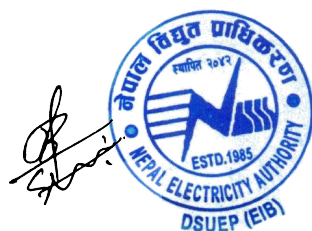


Nepal Electricity Authority  
Distribution and Consumer Services Directorate  
Distribution System Upgrade and Expansion Project  
Schedule of Rates and Prices

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

LC: NPR

Item	Description	Unit	Unit Rate, EXWorks	Quantity				Total Quantity	Unit Rate, Domestic Transportation and Insurance, Local Currency				Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
			Local Currency	Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP		Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP			
				5					7						
1	2	3	4	A	B	C	D	6 = 25	A	B	C	D	8 = 4 x 6	9 = Σ(π(5 x 7))	10 = 8 + 9
C	Low Tension Line							-							
C.1	Conductor							-							
1	Aerial Bundled Cable with Messenger Cable 3 x 50 + 1 x 35 sq mm	kms		49.00	22.00	22.00	22.00	115.00							
2	Aerial Bundled Cable with Messenger Cable 3 x 25 + 1 x 25 sq mm	kms		243.00	110.00	110.00	110.00	573.00							
3	Aerial Bundled Cable with Messenger Cable 2 x 25 sq mm	kms		194.00	88.00	88.00	88.00	458.00							
4	Mid-Span Cable Connector/Junction Sleeve	set		1,944.00	880.00	880.00	880.00	4,584.00							
								-							
C.2	Poles and Accessories							-							
C.2.1	STP Pole and Accessories							-							
1	8 m Steel Tubular Pole	nos.		11,550.00	5,250.00	5,250.00	5,250.00	27,300.00							
2	Anchor Assembly for Messenger	set		4,620.00	2,100.00	2,100.00	2,100.00	10,920.00							
3	Suspension Assembly for Messenger	set		10,857.00	4,935.00	4,935.00	4,935.00	25,662.00							
4	Insulated Piercing Connector	set		29,568.00	13,440.00	13,440.00	13,440.00	69,888.00							
5	Angle Plate	set		2,310.00	1,050.00	1,050.00	1,050.00	5,460.00							
6	Insulated Cable Cap	set		18,480.00	8,400.00	8,400.00	8,400.00	43,680.00							
7	Pig Tail with Fabricated Eye	set		12,243.00	5,565.00	5,565.00	5,565.00	28,938.00							
8	Pole Clamp with Nut, Bolt and Washers	set		14,553.00	6,615.00	6,615.00	6,615.00	34,398.00							
9	Twisted Double Eye	set		4,158.00	1,890.00	1,890.00	1,890.00	9,828.00							
								-							



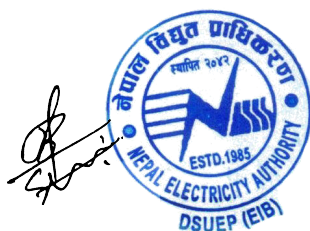


Nepal Electricity Authority  
Distribution and Consumer Services Directorate  
Distribution System Upgrade and Expansion Project  
Schedule of Rates and Prices

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

LC: NPR

Item	Description	Unit	Unit Rate, EXWorks	Quantity				Total Quantity	Unit Rate, Domestic Transportation and Insurance, Local Currency				Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
			Local Currency	Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP		Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP	Local Currency	Local Currency	Local Currency
			4	5				6 = 25	7				8 = 4 x 6	9 = Σ(5 x 7))	10 = 8 + 9
	2	3		A	B	C	D		A	B	C	D			
<b>C.2.2</b>	<b>Stays</b>							-							
1	Pole Clamp with Nut, bolt and washers (TC3), with channel and support structures all complete as per design and drawings	nos.		4,620.00	2,100.00	2,100.00	2,100.00	10,920.00							
2	Bolts with suitable nuts and washers (M16 x 50 mm)	nos.		9,240.00	4,200.00	4,200.00	4,200.00	21,840.00							
3	Bolts with suitable nuts and washers (M16 x 100 mm)	nos.		9,240.00	4,200.00	4,200.00	4,200.00	21,840.00							
4	Stay Wire, (7/10 SWG minimum)	kg		46,200.00	21,000.00	21,000.00	21,000.00	109,200.00							
5	Stay/Guy Insulator	nos.		4,620.00	2,100.00	2,100.00	2,100.00	10,920.00							
6	Stay Turn Buckle including Thimble, (18 SWG minimum)	nos.		4,620.00	2,100.00	2,100.00	2,100.00	10,920.00							
7	Stay I bolt, (12 inch minimum)	set		4,620.00	2,100.00	2,100.00	2,100.00	10,920.00							
8	Stay I Rod/Anchor Rod, (minimum 1600 mm)	nos.		4,620.00	2,100.00	2,100.00	2,100.00	10,920.00							
9	Bow set with Thimble	nos.		4,620.00	2,100.00	2,100.00	2,100.00	10,920.00							
10	Stay Grip	nos.		4,620.00	2,100.00	2,100.00	2,100.00	10,920.00							
11	Galvanized Steel Stay Plate for Installation Underground, (300 x 300 x 6 mm minimum)	set		4,620.00	2,100.00	2,100.00	2,100.00	10,920.00							
								-							
<b>C.3</b>	<b>Special Components</b>							-							
1	9 m Steel Tubular Pole	nos.		5.00	5.00	5.00	5.00	20.00							



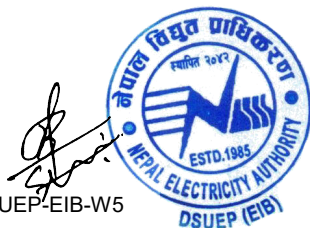
Nepal Electricity Authority  
Distribution and Consumer Services Directorate  
Distribution System Upgrade and Expansion Project  
Schedule of Rates and Prices

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

FC: USD

LC: NPR

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



Tender No.: ICB-DCSD-2079/80-DSUEP-EIB-W5

Procurement of Plant

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

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

Single-Stage: Two-Envelope

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

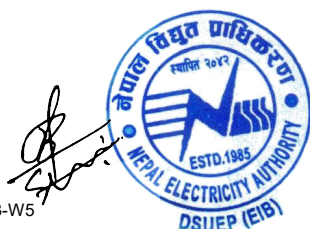
Schedule of Rates and Prices

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

FC: USD

LC: NPR

Item	Description	Unit	Quantity	Unit Price		Total Price	
				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	360.00			-	-
2	As Built Drawings, Testing and Commissioning of 11kV Line as per the scope of the project	kms	360.00			-	-
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	172.00			-	-
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	172.00			-	-
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			-	-
C.	Low Tension Lines					-	-
1	Preconstruction Survey, Design and Drawings of Low Tension Line as per the scope of the project	kms	1,092.00			-	-
2	As Built Drawings, Testing and Commissioning of Low Tension Line as per the scope of the project	kms	1,092.00			-	-



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

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

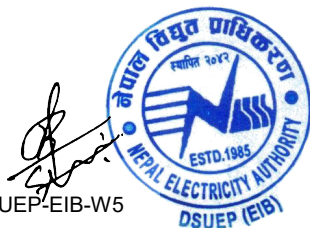
Nepal Electricity Authority  
Distribution and Consumer Services Directorate  
Distribution System Upgrade and Expansion Project  
Schedule of Rates and Prices

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	
		Foreign Currency	Local Currency
A.	11 kV Line		-
B.	Distribution Transformers and Switchgear		-
C.	Low Tension Lines		-
D.	Environmental and Social Mitigation Works		35,000,000.00
Grand Total to be carried forward to Schedule 5		-	35,000,000.00



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

Item	Description	Unit	Quantity				Total Quantity	Unit Price, Local Currency				Total Price
			Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP		Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP	Local Currency
1	2	3	4				5 = Σ4	6				7 = Σ(4 x 6)
			A	B	C	D		A	B	C	D	
<b>A</b>	<b>11 kV Lines</b>											
<b>A.1</b>	<b>Conductors</b>						-					-
1	Stringing of Covered Conductor (XLPE insulated, 100 sq.mm. AAC)	kms	91.00	45.00	17.00	17.00	170.00					-
2	Stringing of Covered Conductor (XLPE insulated, 55 sq.mm. AAC)	kms	514.00	257.00	96.00	96.00	963.00					-
							-					-
<b>A.2</b>	<b>Poles and accessories</b>		-				-					-
1	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	Nos.	3,254.00	1,627.00	610.00	610.00	6,101.00					-
2	Stay sets, with stay wire, rod, ties & insulator all complete including transportation to site.	set	1,302.00	651.00	244.00	244.00	2,441.00					-
3	Providing and laying of plain cement concrete (PCC) M15 (manual mixed) in foundation complete as per drawing and technical specifications for 11 m STP.	cum	1,708.01	854.00	320.19	320.19	3,202.38					-
<b>A.3</b>	<b>Dismantling Works</b>						-					-
1	Dismantling of existing HT Poles (Dismantle 11m or 10m or 9m or 8m Wooden, Steel Tubular or PSC Type poles and carry back to office store safely) all complete	Nos.	10.00	10.00	20.00	10.00	50.00					-
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	2.00	16.00					-
							-					-
<b>A.4</b>	<b>Reconductoring Works</b>						-					-
1	Reconductoring of 11 kV lines/LT for certain sections as double or single circuit	kms	10.00	10.00	10.00	10.00	40.00					-
2	Reconnection Works of Service Cable (Single Phase)	set	10.00	10.00	10.00	10.00	40.00					-
3	Reconnection Works of Service Cable (Three Phase)	set	10.00	10.00	10.00	10.00	40.00					-



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

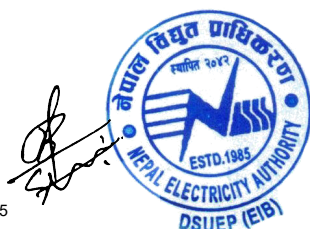
Signature of Tenderer \_\_\_\_\_

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

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

LC: NPR

Item	Description	Unit	Quantity				Total Quantity	Unit Price, Local Currency				Total Price
			Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP		Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP	Local Currency
1	2	3	4				5 = Σ4	6				7 = Σ(4 x 6))
			A	B	C	D		A	B	C	D	
<b>B</b>	<b>Distribution Transformer</b>											
<b>B.1</b>	<b>Distribution Transformer, Distribution Panel Board, Instrumentation System, Cable all complete</b>						-					-
4	Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete - 25 kVA, 3 phase	set	60.00	24.00	24.00	24.00	132.00					-
5	Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete - 50 kVA, 3 phase	set	10.00	10.00	10.00	10.00	40.00					-
							-					-
<b>B.2</b>	<b>Switchgear and Accessories</b>						-					-
1	Surge Arrester Installation and Commissioning all complete	set	55.00	25.00	25.00	25.00	130.00					-
2	Drop-Out Fuse Installation and Commissioning all complete	set	55.00	25.00	25.00	25.00	130.00					-
4	Installation of 3 phase MCCB ( upto 350 A)	set	55.00	25.00	25.00	25.00	130.00					-
6	Supply, Installation and Commissioning of Earthing Set, all three viz. Body, Neutral and Arrester earthing, for distribution transformer all complete as per NEA Standards	set	55.00	25.00	25.00	25.00	130.00					-
8	Supply, Installation and Commissioning of Data Instrumentation System all complete - 3 phase	set	55.00	25.00	25.00	25.00	130.00					-
9	Installation and Commissioning of Load Break Switches	set	19.00	10.00	4.00	4.00	37.00					-
10	Supply, Installation and Commissioning of Data Instrumentation System all complete for Load Break Switches	set	19.00	10.00	4.00	4.00	37.00					-



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

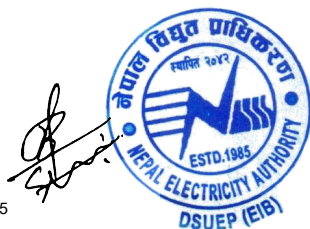
Signature of Tenderer \_\_\_\_\_

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

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

LC: NPR

Item	Description	Unit	Quantity				Total Quantity	Unit Price, Local Currency				Total Price
			Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP		Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP	Local Currency
1	2	3	4				5 = Σ4	6				7 = Σ(π(4 x 6))
			A	B	C	D		A	B	C	D	
C	Low Tension Lines											
C.1	Stringing of Conductor including all accessories and hardware fittings						-					-
1	Aerial Bundled Cable with Messenger Cable 3 x 50 + 1 x 35 sq mm	kms	49.00	22.00	22.00	22.00	115.00					-
2	Aerial Bundled Cable with Messenger Cable 3 x 25 + 1 x 25 sq mm	kms	243.00	110.00	110.00	110.00	573.00					-
3	Aerial Bundled Cable with Messenger Cable 2 x 25 sq mm	kms	194.00	88.00	88.00	88.00	458.00					-
							-					-
C.2	Poles and accessories						-					-
1	Hardware and transportation of 8m long Steel Tubular Pole including erection - excavation of footing, making pole vent, placing in footing, backfilling, concreting all complete	Nos.	11,550.00	5,250.00	5,250.00	5,250.00	27,300.00					-
2	Stay sets, with stay wire, rod, ties & insulator all complete including transportation to site.	set	4,620.00	2,100.00	2,100.00	2,100.00	10,920.00					-
3	Providing and laying of plain cement concrete (PCC) M15 (manual mixed) in foundation complete as per drawing and technical specifications for 8 m STP.	cum	4,043.01	1,837.73	1,837.73	1,837.73	9,556.21					-
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	10.00	40.00					-
2	Dismantling of existing LT Conductor-4,3 or 2 wire (Dismantle and carry back to office store safely) all complete	kms	2.00	2.00	2.00	2.00	8.00					-
							-					



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

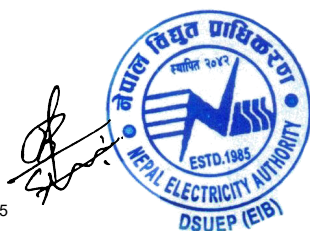
Signature of Tenderer \_\_\_\_\_

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

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

LC: NPR

Item	Description	Unit	Quantity				Total Quantity	Unit Price, Local Currency				Total Price
			Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP		Bajhang DSUEP	Rukum East DSUEP	Baitadi DSUEP	Rolpa DSUEP	Local Currency
			4				5 = Σ4	6				7 = Σ(4 x 6))
			A	B	C	D		A	B	C	D	
<b>C.4</b>	<b>Reconductoring Works</b>						-					-
1	Reconductoring of 11 kV lines or LT for certain sections as double or single circuit	kms	10.00	10.00	20.00	10.00	50.00					-
2	Reconnection Works of Service Cable (Single Phase)	set	10.00	10.00	30.00	10.00	60.00					-
3	Reconnection Works of Service Cable (Three Phase)	set	10.00	10.00	10.00	10.00	40.00					-
							-					-
<b>C.5</b>	<b>Special Components</b>						-					-
1	Hardware and transportation of 9 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	5.00	20.00					-



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

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



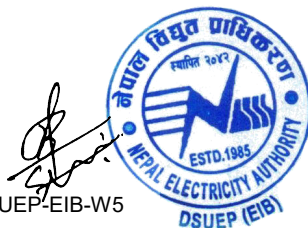
Nepal Electricity Authority  
Distribution and Consumer Services Directorate  
Distribution System Upgrade and Expansion Project  
Schedule of Rates and Prices

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

FC: USD

LC: NPR

Item	Description	Unit	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	Environmental and Social Mitigation Works as assigned by Client (Provisional Sum).	lot		35,000,000.00



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

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

