NEPAL ELECTRICITY AUTHORITY (An Undertaking of Government of Nepal) DISTRIBUTION AND CONSUMER SERVICES DIRECTORATE DISTRIBUTION SYSTEM UPGRADE AND EXPANSION PROJECT



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

TENDER DOCUMENT

Package No. W3 Sub Project: Nagma of Kalikot District and Badki of Jumla District

> Single-Stage: Two-Envelope Tender Procedure

Issued on: Invitation for Tenders No.: *ICB-DCSD-2078/79-DSUEP-AIIB-W3* Contract Ref. No.: *ICB-DCSD-2078/79-DSUEP-AIIB-W3* Employer: *Nepal Electricity Authority* Country: *Nepal*

Volume IIIB of III (Price Schedule of 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 Tel: +977-1- 4153145 Email: dsuep_aiib@nea.org.np





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** This section contains the Scope of Supply of Plant and Services, Specifications, the Drawings, and Supplementary Information that describe the Facilities to be procured, Personnel Requirements, Equipment Requirements, Certificates, and Change Orders.

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.

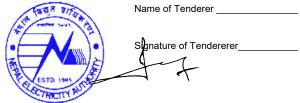


Volume III

Section 4: Tender Forms

Table of Contents

A Price Schedule



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

Volume III Section 4: Tender Forms Table of Contents

Α	Price Sc	chedule
	S-1	Summary of Schedule of Plant and Mandatory Spare Parts Supplied from Abroad
	S-1-A	Schedule of Plant and Mandatory Spare Parts Supplied from Abroad for 11 kV Lines
	S-1-B	Schedule of Plant and Mandatory Spare Parts Supplied from Abroadfor Distribution Transformers
	S-1-C	Schedule of Plant and Mandatory Spare Parts Supplied from Abroad for Low Tension Lines
	S-2-A	Schedule of Plant and Mandatory Spare Parts Supplied from Within the Employer's Country for 11 kV Lines
	S-2-B	Schedule of Plant and Mandatory Spare Parts Supplied from Within the Employer's Country for Distribution Transformers
	S-2-C	Schedule of Plant and Mandatory Spare Parts Supplied from Within the Employer's Country for Low Tension Lines
	S-3	Summary of Schedule of Design Services
	S-3-A	Schedule of Design Services
	S-4	Summary of Schedule of Installation and Other Services
	S-4-A	Schedule of Installation, Testing and Commissioning Works and Civil Works of 11 kV Lines
	S-4-B	Schedule of Installation, Testing and Commissioning Works and Civil Works of Distribution Transformers
	S-4-C	Schedule of Installation, Testing and Commissioning Works and Civil Works of Low Tension Lines
	S-4-D	Environmental Mitigation Works
	S-5	Summary of Schedule 1 to 4
	S-5-1	Project Component wise Summary of Schedule 1 to 4
	S-6	Schedule of Rates and Prices of Schedule No. 6: Recommended Spare Parts

Name of Tenderer

Signature of Tendererer____

Procurement of Planter Vender No.:ICB-DCSD-2078/79-DSUEP-AIIB-W3

STD

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)

Schedule No.	Title	Total	Price
Schedule No.	l III¢	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-3

Single-Stage: Two-Envelope

Procurement of Plant

HICT

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
item	Description	Foreign Currency	Local Currency
1	2	3	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, Social Corporate Responsibility Works		
4.1	Mitigation Works		
T-4	Sub Total of Environment, Social Corporate Responsibility Works		

Name of Tenderer



Signature of Tenderer_

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
item	Description	Foreign Currency	Local Currency
1	2	3	4
Grand To	otal (Sum of T-1 T-4)		

AICTL Procurement of Plant Name of Tenderer

Signature of Tenderer_

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)

Schedule No.	Title	Total Price					
Schedule No.	inne	Foreign Currency	Local Currency				
Α.	11 kV Line						
B.	Distribution Transformers and Switchgear						
С.	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)

		Country of	Unit	Unit Rate, CIP (Nepal Border)	Qua	antity		· ·	estic Transportation e, Local Currency	Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
Item	Description	Origin		Foreign Currency	Badki Badki	Bhigma Bajedichaur (Nagma)	Total Quantity	Badki Badki	Bhigma Bajedichaur (Nagma)	Foreign Currency	Local Currency
1	2	3	4	5	A	6 В	7 = Σ6	A	8 B	9 = 5 x 7	10 = Σ(π(8 x 6))
Α.	11 kV Line						-				
A.1	Conductors						-				
	XLPE Overhead Covered Conductor, 100 sq mm. with 5% Sag		kms		477.05	253.01	730.06				
	Mid-Span Joining Sleeve (Covered Conductor. rated min 500A)		set		908.68	481.92	1,390.59				
	Tension/Anchoring Assembly (including Anti-tracking Device and Socket Eye)		set		95.00	51.00	146.00				
4	Polymeric Pin Ties, and Top Ties		set		95.00	51.00	146.00				
	Insulation Piercing Connectors (IPC) - Type 1		set		95.00	51.00	146.00				
	Insulation Piercing Connectors (IPC) - Type 2		set		95.00	51.00	146.00				
	Insulation Piercing Connectors (IPC) - Type 3		set		62.00	38.00	100.00				
							-				
A.2	Poles and Accessories						-				
A.2.1	PSC Pole and Accessories						-				
1	11m PSC Pole		nos.		-	-	-				
2	Back Strap		nos.		-	-	-				
3	Bolts with suitable nuts and washers (M16 x 100 mm)		nos.		-	-	-				
4	Bolts with suitable nuts and washers (M16 x 235 mm)		nos.		-	-	-				
5	Bolts with suitable nuts and washers (M16 x 50 mm)		nos.		-	-	-				
6	Disc Type Insulatorfor 11 kV		set		-	-	-				
7	Flat Crossarm Brace 11 kV (50 x 6 x 666 mm)		nos.		-	-	-				
8	Insulator Pin for Pin Insulator of 11 kV		set		-	-	-				
g	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		-	-	-				
12	Pole Clamp with Nut, bolt and washers, Bottom Bracing (PC5) with channel and support structures all complete as per design and drawings		set		-	-	-				
	Pole Clamp with Nut, bolt and washers, Top Bracing (PC4) with channel and support structures all complete as per design and drawings		set		-	-	-				
	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1800 mm)		nos.		-	-	-				
	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1900 mm)	L	nos.		-	-	-				
	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2416 mm)		nos.		-	-	-	ļ			
	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2919 mm)		nos.		-	-	-				
	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 3300 mm)	L	nos.		-	-	-				
	Strap for Insulator String for 11 kV (100 x 5 x 350 mm)		set		-	-	-				
20	Offset Cross-Arm for Covered Conductor with all accessories complete		set	ļ	-	-	-	ļ			
							-				
	STP Pole and Accessories - Single Circuit						-				
11	11 M Steel Tubular Pole		nos.		1,515.00	804.00	2,319.00				



Name of Tenderer

Signature of Tenderer___

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)

	Description	Country of Origin		t Unit Rate, CIP (Nepal Border) Foreign Currency	Qu	antity			nestic Transportation ce, Local Currency	Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
Item			Unit		Badki Badki	Bhigma Bajedichaur (Nagma)	Total Quantity	Badki Badki	Bhigma Bajedichaur (Nagma)	Foreign Currency	Local Currency
1	2	3	4	5	A	6 B	7 = Σ6	A	8 B	9 = 5 x 7	10 = Σ(π(8 x 6))
2	Back Strap		nos.		2,046.00	1,086.00	3,132.00				
	Bolts with suitable nuts and washers (M16 x 100 mm)		nos.		8,333.00	4,422.00	12,755.00				
4	Bolts with suitable nuts and washers (M16 x 235 mm)		nos.		152.00	81.00	233.00				
5	Bolts with suitable nuts and washers (M16 x 50 mm)		nos.		1,818.00	965.00	2,783.00	[
6	Disc Type Insulatorfor 11 kV		set		2,046.00	1,086.00	3,132.00				
7	Flat Crossarm Brace 11 kV (50 x 6 x 666 mm)		nos.		1,667.00	885.00	2,552.00				
8	Insulator Pin for Pin Insulator of 11 kV		set		3,409.00	1,809.00	5,218.00				
9	Pin Type Insulator for 11 kV		nos.		3,409.00	1,809.00	5,218.00				
10	Pole Clamp with Nut, bolt and washers (TC1) with channel and support structures all complete as per design and drawings		set		2,500.00	1,327.00	3,827.00				
11	Pole Clamp with Nut, bolt and washers (TC2) with channel and support structures all complete as per design and drawings		set		1,667.00	885.00	2,552.00				
12	Pole Clamp with Nut, bolt and washers, Bottom Bracing (TC5) with channel and support structures all complete as per design and drawings		set		152.00	81.00	233.00				
13	Pole Clamp with Nut, bolt and washers, Top Bracing (TC4) with channel and support structures all complete as per design and drawings		set		152.00	81.00	233.00				
14	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1800 mm)		nos.	1	152.00	81.00	233.00				
	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1900 mm)		nos.		682.00		1,044.00				
	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2416 mm)		nos.		76.00	41.00	117.00				
17	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2919 mm)		nos.		152.00	81.00	233.00				
	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 3300 mm)		nos.		682.00	362.00	1,044.00				
19	Strap for Insulator String for 11 kV (100 x 5 x 350 mm)		set		455.00	242.00	697.00	ĺ			
20	Offset Cross-Arm for Covered Conductor with all accessories complete		set		303.00	160.80	463.80				
							-				
	STP Pole and Accessories - Double Circuit						-				
	11 m Steel Tubular Pole		nos.		1,347.00		2,061.00				
	Back Strap	ļ	nos.		3,637.00	-	5,565.00				
	Bolts with suitable nuts and washers (M16 x 100 mm)	ļ	nos.		16,703.00		25,557.00				
	Bolts with suitable nuts and washers (M16 x 235 mm)	ļ	nos.		405.00		620.00				
	Bolts with suitable nuts and washers (M16 x 50 mm)		nos.		3,031.00		4,638.00				
	Disc Type Insulatorfor 11 kV	ļ	set		3,637.00		5,565.00				
	Flat Crossarm Brace 11 kV (50 x 6 x 666 mm)	ļ	nos.		4,446.00		6,803.00				
	Insulator Pin for Pin Insulator of 11 kV		set		6,062.00		9,275.00				
	Interconnecting Clamp for MVCC		set		809.00		1,238.00				
10	Pin Type Insulator for 11 kV		nos.		6,062.00	3,213.00	9,275.00				
11	Pole Clamp with Nut, bolt and washers (TC1) with channel and support structures all complete as per design and drawings		set		5,860.00	3,106.00	8,966.00				
12	Pole Clamp with Nut, bolt and washers (TC2) with channel and support structures all complete as per design and drawings		set		2,223.00	1,179.00	3,402.00				



Name of Tenderer

Signature of Tenderer

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

Here	Description	Country of	Unit	Unit Rate, CIP (Nepal Border)	Qu	antity	Tetel Operative		estic Transportation e, Local Currency	Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
Item		Origin	Unit	Foreign Currency	Badki Badki	Bhigma Bajedichaur (Nagma)	Total Quantity	Badki Badki	Bhigma Bajedichaur (Nagma)	Foreign Currency	Local Currency
1	2	3	4	5		6	7 = Σ6		8	9 = 5 x 7	10 = Σ(π(8 x 6))
			-	5	A	В	7 - 20	A	В	3-3.7	10 - 2(11(8 x 8))
10	Pole Clamp with Nut, bolt and washers, Bottom Bracing (TC5) with channel		t		125.00	70.00		[
	and support structures all complete as per design and drawings		set		135.00	72.00	207.00				
14	Pole Clamp with Nut, bolt and washers, Top Bracing (TC4) with channel and		aat		135.00	72.00					
14	support structures all complete as per design and drawings		set		135.00	/2.00	207.00				
	Preformed Pin Ties, Top Ties		set		6,062.00	3,213.00	9,275.00				
	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1600 mm)		nos.		68.00	36.00	104.00				
17	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1640 mm)		nos.		68.00	36.00	104.00				
18	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1700 mm)		nos.		2,829.00	1,500.00	4,329.00				
19	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2500 mm)		nos.		1,617.00	857.00	2,474.00				
20	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2610 mm)		nos.		135.00	72.00	207.00				
21	Strap for Insulator String for 11 kV (100 x 5 x 350 mm)		set		607.00	322.00	929.00				
22	Tension Set with Ball and Socket Eye		set		3,637.00	1,928.00	5,565.00				
23	Offset Cross-Arm for Covered Conductor with all accessories complete		set		538.80	285.60	824.40				
							-				
A.2.4	Stays						-				
1	Pole Clamp with Nut, bolt and washers (PC3) with channel and support		aat								
1	structures all complete as per design and drawings		set		-	-	-				
2	Pole Clamp with Nut, bolt and washers (TC3) with channel and support		act		1 145 00	609 00					
2	structures all complete as per design and drawings		set		1,145.00	608.00	1,753.00				
	Bolts with suitable nuts and washers (M16 x 50 mm)		nos.		2,290.00	1,216.00	3,506.00				
4	Bolts with suitable nuts and washers (M16 x 100 mm)		nos.		2,290.00	1,216.00	3,506.00				
5	Stay Wire, (7/10 SWG minimum)		kg		11,450.00	6,080.00	17,530.00				
6	Stay/Guy Insulator		nos.		1,145.00	608.00	1,753.00				
7	Stay Turn Buckle including Thimble, (18 SWG minimum)		nos.		1,145.00	608.00	1,753.00				
8	Stay I bolt, (12 inch minimum)		nos.		1,145.00	608.00	1,753.00				
	Stay I Rod/Anchor Rod, (minimum 1600 mm)		nos.		1,145.00	608.00	1,753.00				
10	Bow set with Thimble		nos.		1,145.00	608.00	1,753.00				
11	Stay Grip		nos.		1,145.00	608.00	1,753.00				
40	Galvanized Steel Stay Plate for Installation Underground, (600 x 600 x 6 mm		200		1 1 4 5 00	608.00					
12	minimum)		nos.		1,145.00	008.00	1,753.00				
							-				
A.3	Special Components						-				
1	Power Arc Devices (3 Nos. per set)		set		95.00	51.00	146.00				
2	13 m Steel Tubular Pole		nos.		5.00	5.00					
3	14.5 m Steel Tubular Pole		nos.		5.00	5.00	10.00				



Name of Tenderer

Signature of Tenderer____

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)

	Description	Country of Origin	Unit	Unit Rate, CIP (Nepal Border) Foreign Currency	Qu	Quantity		Unit Rate, Domestic Transportation and Insurance, Local Currency		Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
Item					Badki Badki	Bhigma Bajedichaur (Nagma)	Total Quantity	Badki Badki	Bhigma Bajedichaur (Nagma)	Foreign Currency	Local Currency
1	2	3	4	5	A	6 B	7 = Σ6	A	8 B	9 = 5 x 7	10 = Σ(π(8 x 6))
В.	Distribution Transformer and Switchgear Components						-				
	Distribution Transformer						-				
1	11/0.4kV 5 kVA 1 ph. Distribution Transformer		set		17.00	12.00	29.00				
	11/0.4kV 10 kVA 1 ph. Distribution Transformer		set		17.00	10.00	27.00				
	11/0.4kV 16 kVA 1 ph. Distribution Transformer		set	1	12.00		19.00				
	11/0.4kV 25kVA 3 ph. Distribution Transformer		set		11.00		16.00				
	11/0.4kV 50kVA 3 ph. Distribution Transformer		set		3.00		5.00				
	11/0.4kV 100kVA 3 ph. Distribution Transformer		set		1.00		2.00				
	11/0.4kV 200kVA 3 ph. Distribution Transformer		set		1.00		2.00				
	11/0.4kV 300kVA 3 ph. Distribution Transformer		set		1.00		2.00				
							-				
B.2	Transformer Platform						-				
	Transformer Platform for 5 kVA, Single phase Transformer including separate				(= 00	(0.00					
1	DO & separate LA Fitting Channels, Clamps, Nutbolts all complete		set		17.00	12.00	29.00				
	Transformer Platform for 10 kVA, Single phase Transformer including										
2	separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all		set		17.00	10.00	27.00				
	complete										
3	Transformer Platform for 16kVA, Single phase Transformer including separate		set		12.00	7.00	19.00				
	separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete										
	Transformer Platform for 25 kVA, 3 phase Transformer including separate					=	40.00				
4	separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete		set		11.00	5.00	16.00				
	Transformer Platform for 50kVA, 3 phase Transformer including separate										
5	separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete		set		3.00	2.00	5.00				
	Transformer Platform for 100 kVA, 3 phase Transformer including separate										
6	separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete		set		1.00	1.00	2.00				
	Transformer Platform for 200 kVA, 3 phase Transformer including separate										
7	separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete		set		1.00	1.00	2.00				
	Transformer Platform for 300 kVA, 3 phase Transformer including separate										
8	separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete		set		1.00	1.00	2.00				
							-				
B.3	Surge Protection Devices and Accessories						-				
	Surge Arrester for Single Phase Transformer Installation		set		46.00	29.00	75.00				
	9 kV Surge Arrester		set	1	17.00		27.00		-		
	Drop Out Fuse of suitable Capacity for Single Phase Transformer Installation		set	1	46.00		75.00				
	Drop Out Fuse of suitable Capacity for onigie Thase Transformer installation		set	1	17.00		27.00				
	Outdoor Pole Mounted Distribution Panel Board (with 25A 2P MCCB-1 Nos			1							
	with Copper Busbars and Hardware) Complete Set		set		17.00	12.00	29.00				
	Outdoor Pole Mounted Distribution Panel Board (with 50A 2P MCCB-1 Nos										
6	with Copper Busbars and Hardware) Complete Set		set		17.00	10.00	27.00				



Name of Tenderer

Signature of Tenderer

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

literer	Description	Country of Origin	Unit	Unit Rate, CIP (Nepal Border)	Qu	antity	Total Quantity		stic Transportation , Local Currency	Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
Item	Description		Unit	Foreign Currency	Badki Badki	Bhigma Bajedichaur (Nagma)	Total Quantity	Badki Badki	Bhigma Bajedichaur (Nagma)	Foreign Currency	Local Currency
1	2	3	4	5		6	7 = Σ6		8	9 = 5 x 7	10 = Σ(π(8 x 6))
	2		-	, s	A	В	1 - 20	A	В	5-0X1	10 - 2(11(0 x 0))
1	Outdoor Pole Mounted Distribution Panel Board (with 80A 2P MCCB-1 Nos with Copper Busbars and Hardware) Complete Set		set		12.00	7.00	19.00				
0	Outdoor Pole Mounted Distribution Panel Board (with 50A TP MCCB-1 Nos, 32A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set		set		11.00	5.00	16.00				
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		3.00	2.00	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		1.00	1.00	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	2.00				
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	2.00				
	LT PVC Cable, (Al. 2 Core, 35 sq mm, Armored)		m		230.00		375.00				
	LT PVC Cable, (Al. 4 Core, 50 sq mm, Armored)		m		70.00		105.00				
	LT PVC Cable, (Al. 4 Core, 120 sq mm, Armored)		m		5.00		10.00				
16	LT PVC Cable, (Al. 4 Core, 300 sq mm, Armored)		m		10.00	10.00	20.00				
							-				
	Switchgear, Data Instrumentation System and Accessories						-				
	Load Break Switch		set		15.00	8.00	23.00				
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 - 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		46.00	29.00	75.00				
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		17.00	10.00	27.00				
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 storage and transfer via GSM)		set		15.00	8.00	23.00				



Name of Tenderer

Signature of Tenderer____

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)

		Country of Origin		Unit Rate, CIP (Nepal Border) Foreign Currency	Qu	antity			nestic Transportation ce, Local Currency	Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
Item	Description		Unit		Badki Badki	Bhigma Bajedichaur (Nagma)	Total Quantity	Badki Badki	Bhigma Bajedichaur (Nagma)	Foreign Currency	Local Currency
1	2	3	4	5	A	6 B	7 = Σ6	A	8 B	9 = 5 x 7	10 = Σ(π(8 x 6))
С	Low Tension Line						-				
C.1	Conductor						-				
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		31.80	29.52	61.32				
3	Aerial Bundled Cable with Messenger Cable 3 x 50 + 1 x 35 sq mm		kms		50.89	47.23	98.11				
4	Aerial Bundled Cable with Messenger Cable 3 x 25 + 1 x 25 sq mm		kms		44.53	41.32	85.85				
	Aerial Bundled Cable with Messenger Cable 2 x 25 sq mm		kms		95.41	50.60	146.01				
	Overhead ACSR 100 sq mm. with 5% Sag with accessories all complete		kms		2.00	2.00	4.00				
	Overhead ACSR 50 sq mm. with 5% Sag with accessories all complete		kms		2.00		4.00				
	Overhead ACSR 30 sq mm. with 5% Sag with accessories all complete		kms		2.00		4.00				
	Mid-Span Cable Connector/Junction Sleeve		set		508.86		981.14				
							-				
C.2	Poles and Accessories						-				
C.2.1	PSC Pole and Accessories						-				
	9 m PSC Pole		nos.		-	-	-				
	Anchor Assembly for Messenger		set		-	-	-				
	Suspension Assembly for Messenger		set		-	-	-				
	Insulated Piercing Connector	+	set		-	-	-				
	Angle Plate	+	set		-	<u> </u>	-				
	Eye Nut		set		-		-				
	Insulated Cable Cap		set		-	-	-				
	Pig Tail with Hexagonal Nuts and Washers (16 x 203 mm)		set		-		-				
	Pole Clamp with Nut, Bolt and Washers		set		-	-	-				
	Twisted Double Eye		set		-	-	-				
		-	301		-	-	-				
C.2.2	STP Pole and Accessories						-				
	8 m Steel Tubular Pole		nos.		5,301.00	2,812.00	8,113.00				
	2 Anchor Assembly for Messenger		set		2,121.00		3,246.00				
	Suspension Assembly for Messenger	-	set		4,983.00						
	Insulated Piercing Connector		set		13,571.00		20,770.00				
					1,061.00		1,624.00				
	i Angle Plate Insulated Cable Cap	+	set set		8,482.00		12,982.00				
					5,620.00		8,601.00				
	Pig Tail with Fabricated Eye	+	set								
	Pole Clamp with Nut, Bolt and Washers		set		6,680.00		10,224.00				
	Twisted Double Eye			1	1,909.00	1,013.00	2,922.00				
C.2.3	Stays						-				
	Pole Clamp with Nut, bolt and washers (PC3), with channel and support										
	structures all complete as per design and drawings		nos.		-	-	-				



Name of Tenderer

Signature of Tenderer

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

		Country of		Unit Rate, CIP (Nepal Border) Foreign Currency	Qu	antity			estic Transportation e, Local Currency		Total, Domestic Transportation and Insurance
Item	Description	Origin	Unit		Badki Badki	Bhigma Bajedichaur (Nagma)	Total Quantity	Badki Badki	Bhigma Bajedichaur (Nagma)	Foreign Currency	Local Currency
1	2	3	4	5	A	6 В	7 = Σ6	A	8 B	9 = 5 x 7	10 = Σ(π(8 x 6))
	Pole Clamp with Nut, bolt and washers (TC3), with channel and support		nos		2,121.00	1,125.00	3,246.00				
	structures all complete as per design and drawings		nos.		2,121.00		,				
	3 Bolts with suitable nuts and washers (M16 x 50 mm)		nos.		4,242.00		6,492.00				
4	4 Bolts with suitable nuts and washers (M16 x 100 mm)		nos.		4,242.00		6,492.00				
	5 Stay Wire, (7/10 SWG minimum)		kg		21,210.00		32,460.00				
	6 Stay/Guy Insulator		nos.		2,121.00	,	3,246.00				
	7 Stay Turn Buckle including Thimble, (18 SWG minimum)		nos.		2,121.00		3,246.00				
	8 Stay I bolt, (12 inch minimum)		set		2,121.00		3,246.00				
	9 Stay I Rod/Anchor Rod, (minimum 1600 mm)		nos.		2,121.00		3,246.00				
	0 Bow set with Thimble		nos.		2,121.00	1,125.00	3,246.00				
1	1 Stay Grip		nos.		2,121.00	1,125.00	3,246.00				
1	Galvanized Steel Stay Plate for Installation Underground, (300 x 300 x 6 mm				2,121.00	1,125.00	3,246.00				
	² minimum)				2,121.00	1,125.00	3,240.00				
							-				
C.3	Special Components						-				
	1 10 m PSC Pole		nos.		5.00	5.00	10.00				
	2 11 m PSC Pole		nos.		5.00	5.00	10.00				
	3 9 m Steel Tubular Pole		nos.		5.00	5.00	10.00				
	4 10 m Steel Tubular Pole		nos.		5.00	5.00	10.00				
ļ	5 11 m Steel Tubular Pole		nos.		4.00	4.00	8.00				
	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	10.00				
	2 Torque wrench of different sizes for common bolts		Sets		5.00	5.00	10.00				
	3 Pipe wrench for common bolts		Sets		5.00	5.00	10.00				
4	4 Steel ropes (Pilot wire) 35 sq. mm		m		50.00	50.00	100.00				
	5 Pilot wire grips (35 sq. mm) come along clamp		Nos.		50.00		100.00				
	6 Rubber covered rollers,pullies(2,3 keys)		Sets		2.00	2.00	4.00				
	7 Portable earthing set (for Transmission line maintenance safety purpose)		Sets		5.00		10.00				
8	8 Safety belt		Sets		20.00	20.00	40.00				
9	9 Line operator's leather gloves		Pairs		20.00	20.00	40.00				
	0 Safety helmet with chinstrap and accessories		Sets		20.00	20.00	40.00				
1	I Insulation tester (10000 V) suitable for outdoor line testing purpose		Nos.		5.00	5.00	10.00				
12	2 Earth resistivity tester		Nos.		5.00	5.00	10.00				
1:	3 Earthing resistance tester		Nos.		5.00	5.00	10.00				
14	4 Double sheeve pulley block 5 MT capacity with all accessories		Sets		1.00	1.00	2.00				
	5 Sagging Winch 10 MT capacity hand operated		Sets		1.00	1.00	2.00				
	6 Grip suitable for ACSR DOG/RABBIT/WEASEL Conductor		Sets		5.00	5.00	10.00				
1	7 Grip suitable for ADSS Cable		Sets		5.00	5.00	10.00				



Name of Tenderer

Signature of Tenderer___

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

ltem	Description	Country of	Unit	Foreign	Quantity		Total Quantity		stic Transportation , Local Currency	Total, CIP (Nepal Border)	Total, Domestic Transportation and Insurance
item		Origin			Badki Badki	Bhigma Bajedichaur (Nagma)	Total Quantity	Badki Badki	Bhigma Bajedichaur (Nagma)	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	1 - 20	A	В		
18	Grip suitable for ABC Cable		Sets		5.00	5.00	10.00				
19	Safety Ladder for Distribution System Operation		Sets		5.00	5.00	10.00				
20	One Set of complete tools for Maintenance/Replacement Works of Aerial Bunched Cable		Sets		5.00	5.00	10.00				



Name of Tenderer

Signature of Tenderer

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

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	Total Price				
Schedule NO.	Inte	Foreign Currency	Local Currency			
Α.	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_____

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

Procurement of Plant

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)

literer	Description	11-24	Unit Rate, EXWorks	Qua	antity	Total Quartity		estic Transportation e, Local Currency	Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
Item	Description	Unit	Local Currency		Bhigma Bajedichaur (Nagma)	Total Quantity	Badki Badki	Bhigma Bajedichaur (Nagma)	Local Currency	Local Currency	Local Currency
1	2	3	4	A	5 B	6 = Σ5	A	7 B	8 = 4 x 6	9 = Σ(π(5 x 7))	10 = 8 + 9
Α.	11 kV Line										
A.1	Conductors										
	XLPE Overhead Covered Conductor, 100 sq mm. with 5% Sag	kms		477.05	253.01						
2	Mid-Span Joining Sleeve (Covered Conductor. rated min 500A)	set		908.68	481.92						
3	Tension/Anchoring Assembly (including Anti-tracking Device and Socket Eye)	set		95.00	51.00						
4	Polymeric Pin Ties, and Top Ties	set		95.00	51.00						
Ę	Insulation Piercing Connectors (IPC) - Type 1	set		95.00	51.00						
		set		95.00	51.00						
		set		62.00	38.00						
A.2	Poles and Accessories										
A.2.1	PSC Pole and Accessories										
	11m PSC Pole	nos.		-	-						
2	Back Strap	nos.		-	-						
3	Bolts with suitable nuts and washers (M16 x 100 mm)	nos.		-	-						
4	Bolts with suitable nuts and washers (M16 x 235 mm)	nos.		-	-						
Ę	Bolts with suitable nuts and washers (M16 x 50 mm)	nos.		-	-						
6	Disc Type Insulatorfor 11 kV	set		-	-						
		nos.		-	-						
8	Insulator Pin for Pin Insulator of 11 kV	set		-	-						
9	Pin Type Insulator for 11 kV	nos.		-	-						
1(Pole Clamp with Nut, bolt and washers (PC1) with channel and support structures all complete as per design and drawings	set		-	-						
	Pole Clamp with Nut, bolt and washers (PC2) with channel and support structures all complete as per design and drawings	set		-	-						
	Pole Clamp with Nut, bolt and washers, Bottom Bracing (PC5) with channel and support structures all complete as per design and drawings	set		-	-						
	support structures all complete as per design and drawings	set		-	-						
		nos.		-	-						
		nos.		-	-						
		nos.		-	-						
		nos.		-	-						
		nos.		-	-						
		set		-	-						
20	Offset Cross-Arm for Covered Conductor with all accessories complete	set		-	-						
	STP Pole and Accessories - Single Circuit										
		nos.		1,515.00							
2	PBack Strap	nos.		2,046.00	1,086.00						



Single-Stage: Two-Envelope

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)

	-		Unit Rate, EXWorks	Qua	antity	Tatal Quantita		estic Transportation e, Local Currency
ltem	Description	Unit	Local Currency	Badki Badki	Bhigma Bajedichaur (Nagma)	Total Quantity	Badki Badki	Bhigma Bajedichaur (Nagma)
1	2	3	4	A	5 B	6 = Σ5	A	7 B
3	Bolts with suitable nuts and washers (M16 x 100 mm)	nos.		8,333.00	4,422.00			
	Bolts with suitable nuts and washers (M16 x 235 mm)	nos.		152.00	81.00			
	Bolts with suitable nuts and washers (M16 x 50 mm)	nos.		1,818.00	965.00			1
	Disc Type Insulatorfor 11 kV	set		2,046.00	1,086.00			
	Flat Crossarm Brace 11 kV (50 x 6 x 666 mm)	nos.		1,667.00	885.00			
	Insulator Pin for Pin Insulator of 11 kV	set		3,409.00	1,809.00			
9	Pin Type Insulator for 11 kV	nos.		3,409.00	1,809.00			
10	Pole Clamp with Nut, bolt and washers (TC1) with channel and support	set		2,500.00	1,327.00			
	structures all complete as per design and drawings Pole Clamp with Nut, bolt and washers (TC2) with channel and support							
"	structures all complete as per design and drawings	set		1,667.00	885.00			
12	Pole Clamp with Nut, bolt and washers, Bottom Bracing (TC5) with channel and support structures all complete as per design and drawings	set		152.00	81.00			
13	Pole Clamp with Nut, bolt and washers, Top Bracing (TC4) with channel and	set		152.00	81.00			
	support structures all complete as per design and drawings	301						
	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1800 mm)	nos.		152.00	81.00			
	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1900 mm)	nos.		682.00	362.00			
	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2416 mm)	nos.		76.00	41.00			
	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2919 mm)	nos.		152.00	81.00			
	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 3300 mm)	nos.		682.00	362.00			
	Strap for Insulator String for 11 kV (100 x 5 x 350 mm)	set		455.00	242.00			
20	Offset Cross-Arm for Covered Conductor with all accessories complete	set		303.00	160.80			
A.2.3	STP Pole and Accessories - Double Circuit							
	11 m Steel Tubular Pole	nos.		1,347.00	714.00			
	Back Strap	nos.		3,637.00	1,928.00			
	Bolts with suitable nuts and washers (M16 x 100 mm)	nos.		16,703.00	8,854.00			
	Bolts with suitable nuts and washers (M16 x 235 mm)	nos.		405.00	215.00			
	Bolts with suitable nuts and washers (M16 x 200 mm)	nos.		3,031.00	1,607.00			
	Disc Type Insulatorfor 11 kV	set		3,637.00	1,928.00			
	Flat Crossarm Brace 11 kV (50 x 6 x 666 mm)	nos.		4,446.00	2,357.00			
	Insulator Pin for Pin Insulator of 11 kV	set		6,062.00	3,213.00			
	Interconnecting Clamp for MVCC	set		809.00	429.00			-
	Pin Type Insulator for 11 kV	nos.		6,062.00	3,213.00			
11	Pole Clamp with Nut, bolt and washers (TC1) with channel and support	set		5,860.00	3,106.00			
	structures all complete as per design and drawings	<u> </u>		.,	.,			
12	Pole Clamp with Nut, bolt and washers (TC2) with channel and support structures all complete as per design and drawings	set		2,223.00	1,179.00			
13	Pole Clamp with Nut, bolt and washers, Bottom Bracing (TC5) with channel and support structures all complete as per design and drawings	set		135.00	72.00			



I	Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
	Local Currency	Local Currency	Local Currency
	8 = 4 x 6	9 = Σ(π(5 x 7))	10 = 8 + 9
_			
_			
_			
	1		

Name of Tenderer

Signature of Tenderer____

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)

Image: Contract of the section of the secti	ltem	Description	Unit	Unit Rate, EXWorks	Qu	antity	Total Quantity		estic Transportation e, Local Currency	Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
1 2 3 4 A B 6 - 2.5 A B 9 = 4.x 6 9 = 2.tm (6 x 7) 10 = 8 + 9 14 Prote my think Lib land washes, Top Brasing (TCA) with channel and wavegs set 135.00 72.00 Image: Construction of the main set of		Description		Local Currency	Badki Badki	Bajedichaur		Badki Badki	Bajedichaur (Nagma)	Local Currency	Local Currency	Local Currency
Pole Clamp with Nut, bolt and washers, Top Bracing (TC4) with channel and support structures all complete as per design and drawings set 135, 7ed model A B A B A B A B A B A B A B A B Complete as per design and drawings Set 135, 7ed model A B A B A B A B A B Complete as per design and drawings Set 135, 72, 00 A B A	1	2	3	4		5	6 = Σ5		7	$8 = 4 \times 6$	$9 = \Sigma(\pi(5 \times 7))$	10 = 8 + 9
115 Preformed Pin Ties, Top Ties set 6,062.00 3,213.00 16 Steel Crossam Channel (100 x 50 x 7.5 x 4.7 x 1640 mm) nos. 68.00 36.00 17 Steel Crossam Channel (100 x 50 x 7.5 x 4.7 x 1640 mm) nos. 2.800 1500.00 18 Steel Crossam Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) nos. 1.817.00 857.00 19 Steel Crossam Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) nos. 1.817.00 857.00 20 Steel Crossam Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) nos. 1.837.00 1.928.00 21 Tsing for 11 kV (100 x 5 x 350 mm) set 607.00 322.00 286.00 22 Tension Set with Ball and Socket Eye set 538.80 285.60 285.60 23 Offset Cross-Arm for Covered Conductor with all accessories complete set - - 4 Pole Clamp with Nut, bot and washers (PC3) with channel and support set - - 51 Structures all complete as per design and drawings set - - - 8104 Structures all complete as per design and drawings set 1,145.00 608.00					A	В	· _·	A	В	• • • • •		
115 Preformed Pin Ties, Top Ties set 6,062.00 3,213.00 16 Steel Crossam Channel (100 x 50 x 7.5 x 4.7 x 1640 mm) nos. 68.00 36.00 17 Steel Crossam Channel (100 x 50 x 7.5 x 4.7 x 1640 mm) nos. 2.800 1500.00 18 Steel Crossam Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) nos. 1.817.00 857.00 19 Steel Crossam Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) nos. 1.817.00 857.00 20 Steel Crossam Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) nos. 1.837.00 1.928.00 21 Tsing for 11 kV (100 x 5 x 350 mm) set 607.00 322.00 286.00 22 Tension Set with Ball and Socket Eye set 538.80 285.60 285.60 23 Offset Cross-Arm for Covered Conductor with all accessories complete set - - 4 Pole Clamp with Nut, bot and washers (PC3) with channel and support set - - 51 Structures all complete as per design and drawings set - - - 8104 Structures all complete as per design and drawings set 1,145.00 608.00	14	Pole Clamp with Nut, bolt and washers, Top Bracing (TC4) with channel and support structures all complete as per design and drawings	set		135.00	72.00						
117 Steet Crossam Channel (100 x 50 x 7.5 x 4.7 x 1700 mm) nos. 68.00 36.00	15	Preformed Pin Ties, Top Ties	set		6,062.00	3,213.00						
18 Steel Crossam Channel (100 x 50 x 7.5 x 4.7 x 7500 mm) nos. 2,829.00 1,500.00 Image: consame Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) nos. 1,817.00 857.00 Image: consame Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) nos. 1,817.00 857.00 Image: consame Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) nos. 1,817.00 827.00 Image: consame Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) nos. 1,817.00 322.00 Image: consame Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) nos. 1,817.00 322.00 Image: consame Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) nos. 1,817.00 322.00 Image: consame Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) nos. 1,817.00 322.00 Image: consame Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) nos. 1,812.00 1,828.00 Image: consame Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) nos. 1,828.00 Image: consame Channel (100 x 50 x 7.5 x 4.7 x 250 mm) nos. 1,828.00 Image: consame Channel (100 x 50 x 7.5 x 4.7 x 250 mm) nos. 1,828.00 Image: consame Channel (100 x 50 x 7.5 x 4.7 x 250 mm) nos. 1,928.00 Image: consame Channel (100 x 50 x 7.5 x 4.7 x 250 mm) nos. 1,928.00 Image: consame Channel (100 x 50 x 7.5 x 4.7 x 250 mm) nos. 1,145.00 608.00 Image: consame Channel (100 x 100 x min mange: consame			nos.		68.00	36.00						
19 Steel Crossam Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) nos. 1,617.00 857.00 20 Steel Crossam Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) nos. 135.00 72.00 21 Strap for Insulator String for 11 kV (100 x 5 x 350 mm) set 607.00 322.00 22 Tension Set with Bail and Socket Eye set 3637.00 1.928.00	17	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1640 mm)	nos.		68.00	36.00						
20 Steel Crossam Channel (100 x 50 x 7.5 x 47. x 2610 mm) nos. 135.00 72.00 21 Step for Insulator Sting for 11 kV (100 x 5. x 350 mm) set 607.00 322.00	18	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1700 mm)	nos.		2,829.00	1,500.00						
21 Strap for Insulator String for 11 kV (100 x 5 x 350 mm) set 607.00 322.00 22 Tension Set with Bail and Socket Eye set 3,637.00 1,928.00 23 Offset Cross-Amm for Covered Conductor with all accessories complete set 538.80 285.60 A2.4 Stays set 538.80 285.60 Pole Clamp with Nut, bolt and washers (PC3) with channel and support set - -	19	Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2500 mm)	nos.		1,617.00	857.00						
22 Tension Set with Ball and Sockel Eye set 3,637.00 1,928.00 Image: Constant for Covered Conductor with all accessories complete set 538.80 285.60 Image: Constant for Covered Conductor with all accessories complete set 538.80 285.60 Image: Constant for Covered Conductor with all accessories complete set 538.80 285.60 Image: Covered Conductor with all accessories complete set 538.80 285.60 Image: Covered Conductor with all accessories complete set Set Image: Covered Conductor with all accessories complete set Image: Covere Covered Conductor with all accessories complete set Image: Covere Covered Covere			nos.									
23 Offset Cross-Arm for Covered Conductor with all accessories complete set 538.80 285.60 Image: Constant of Covered Conductor with all accessories complete set 538.80 285.60 Image: Constant of Covered Conductor with all accessories complete set Image: Constant of Covered Conductor with all accessories complete set Image: Constant of Covered Conductor with all accessories complete set Image: Constant of Covered Conductor with all accessories complete set Image: Constant of Covered Conductor with all accessories complete set Image: Constant of Covered Conductor with all accessories complete set Image: Constant of Covered Conductor with all accessories complete set Image: Constant of Covered Conductor with all accessories complete set Image: Constant of Covered Conductor with all accessories complete as per design and drawings set Image: Constant of Covered Conductor All accessories complete as per design and drawings set Image: Constant of Covered Conductor All accessories complete as per design and drawings set Image: Constant of Covered Conductor All accessories complete as per design and drawings set Image: Constant of Covered Conductor All accessories complete as per design and drawings set Image: Constant of Covered Conductor All accessories complete as per design and drawings set Image: Constant of Covered Conductor All accessories complete as per design and drawings set Image: Constant of Covered Cond			set			1						
A.2.4 Stays Image: Constraint of the second se			set		3,637.00							
1 Pole Clamp with Nut, bolt and washers (PC3) with channel and support structures all complete as per design and drawings set 1,145.00 608.00 Image: Complete as per design and drawings Set 1,145.00 608.00 Image: Complete as per design and drawings Image: Complete as per design and drawings Set 1,145.00 608.00 Image: Complete as per design and drawings Image: Complete as per design and drawings Set 1,145.00 608.00 Image: Complete as per design and drawings Image: Complete as per design and drawings Set 1,145.00 608.00 Image: Complete as per design and drawings Image: Complete as per design and drawings Set 1,145.00 608.00 Image: Complete as per design and drawings Image: Complete as per design and drawings Set Image: Complete as per design and drawings Imag	23	Offset Cross-Arm for Covered Conductor with all accessories complete	set		538.80	285.60						
1 Pole Clamp with Nut, bolt and washers (PC3) with channel and support structures all complete as per design and drawings set 1,145.00 608.00 Image: Complete as per design and drawings Set 1,145.00 608.00 Image: Complete as per design and drawings Image: Complete as per design and drawings Set 1,145.00 608.00 Image: Complete as per design and drawings Image: Complete as per design and drawings Set 1,145.00 608.00 Image: Complete as per design and drawings Image: Complete as per design and drawings Set 1,145.00 608.00 Image: Complete as per design and drawings Image: Complete as per design and drawings Set 1,145.00 608.00 Image: Complete as per design and drawings Image: Complete as per design and drawings Set Image: Complete as per design and drawings Imag												
Instructures all complete as per design and drawingsSetImage: complete as per design and drawingsSetImag												
as Bolts with suitable nuts and washers (M16 x 50 mm) nos. 2,290.00 1,216.00 4 Bolts with suitable nuts and washers (M16 x 100 mm) nos. 2,290.00 1,216.00 5 Stay Wire, (7/10 SWG minimum) kg 11,450.00 6,880.00		structures all complete as per design and drawings	set		-	-						
4 Bolts with suitable nuts and washers (M16 x 100 mm) nos. 2,290.00 1,216.00	2	Pole Clamp with Nut, bolt and washers (TC3) with channel and support structures all complete as per design and drawings	set		1,145.00	608.00						
Stay Wire, (7/10 SWG minimum) kg 11,450.00 6,080.00 Image: constraint of the stay o			nos.		2,290.00	1,216.00						
6 Stay/Guy Insulator nos. 1,145.00 608.00 Image: Constraint of the system of t	4	Bolts with suitable nuts and washers (M16 x 100 mm)	nos.		2,290.00	1,216.00						
7 Stay Turn Buckle including Thimble, (18 SWG minimum) nos. 1,145.00 608.00 Image: Constraint of the second secon	5	Stay Wire, (7/10 SWG minimum)	kg		11,450.00	6,080.00						
8 Stay I bolt, (12 inch minimum) nos. 1,145.00 608.00 Image: Constraint of the state of the st			nos.		1,145.00	608.00						
9 Stay I Rod/Anchor Rod, (minimum 1600 mm)nos.1,145.00608.00Image: Constant of the state of the			nos.		1,145.00							
10Bow set with Thimblenos.1,145.00608.00Image: constant of the set of t			-		,	1						
11Stay Gripnos.1,145.00608.00Image: constant of the stant of			nos.		,							
12 Galvanized Steel Stay Plate for Installation Underground, (600 x 600 x 6 mm mos. nos. 1,145.00 608.00 <td></td> <td></td> <td></td> <td></td> <td>,</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>					,							
minimum)minimumminimumminimumminimumminimumminimumminimumminimumImage: Image:	11	Stay Grip	nos.		1,145.00	608.00						
I Power Arc Devices (3 Nos. per set) set 95.00 51.00	12	Galvanized Steel Stay Plate for Installation Underground, (600 x 600 x 6 mm minimum)	nos.		1,145.00	608.00						
I Power Arc Devices (3 Nos. per set) set 95.00 51.00	A 2	Creatial Components										
2 13 m Steel Tubular Pole nos. 5.00 5.00 (10)			aat		05.00	E4.00						
		Power Arc Devices (3 Nos. per sel)										
		13 m Steel Tubular Pole 14.5 m Steel Tubular Pole	nos. nos.		5.00	5.00						



Name of Tenderer

Signature of Tenderer_____

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

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)

	Burnistin		Unit Rate, EXWorks	Qua	antity			estic Transportation e, Local Currency	Total EXW Price	Total, Domestic Transportation and Insurance	d Total Price
Item	Description	Unit	Local Currency	Badki Badki	Bhigma Bajedichaur (Nagma)	Total Quantity	Badki Badki	Bhigma Bajedichaur (Nagma)	Local Currency	Local Currency	Local Currency
1	2	3	4	A	5 B	6 = Σ5	A	7 B	8 = 4 x 6	9 = Σ(π(5 x 7))	10 = 8 + 9
В.	Distribution Transformer and Switchgear Components										
B.1	Distribution Transformer										
	1 11/0.4kV 5 kVA 1 ph. Distribution Transformer	set		17.00	12.00						
	2 11/0.4kV 10 kVA 1 ph. Distribution Transformer	set		17.00	10.00						
	3 11/0.4kV 16 kVA 1 ph. Distribution Transformer	set		12.00	7.00						
	4 11/0.4kV 25kVA 3 ph. Distribution Transformer	set		11.00	5.00						
	5 11/0.4kV 50kVA 3 ph. Distribution Transformer	set		3.00	2.00						
	6 11/0.4kV 100kVA 3 ph. Distribution Transformer	set		1.00	1.00						
	7 11/0.4kV 200kVA 3 ph. Distribution Transformer	set		1.00	1.00						
	8 11/0.4kV 300kVA 3 ph. Distribution Transformer	set		1.00	1.00						
B.2	Transformer Platform										
	1 Transformer Platform for 5 kVA, Single phase Transformer including separate	sot		17.00	12.00						
	DO & separate LA Fitting Channels, Clamps, Nutbolts all complete	301		17.00	12.00						
	Transformer Platform for 10 kVA, Single phase Transformer including										
	2 separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all	set		17.00	10.00						
	complete										
	Transformer Platform for 16kVA, Single phase Transformer including										
	3 separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all	set		12.00	7.00						
	complete										
	^d Transformer Platform for 25 kVA, 3 phase Transformer including separate	set		11.00	5.00						
	separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete	301		11.00	0.00						
	5 Transformer Platform for 50kVA, 3 phase Transformer including separate	set		3.00	2.00						
	separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete	501		0.00	2.00						
	6 Transformer Platform for 100 kVA, 3 phase Transformer including separate	set		1.00	1.00						1
	separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete	501		1.00	1.00						
	7 Transformer Platform for 200 kVA, 3 phase Transformer including separate	set		1.00	1.00						
	separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete	001		1.00	1.00						
	8 Transformer Platform for 300 kVA, 3 phase Transformer including separate	set		1.00	1.00						
	^o separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete			1.00	1.00						
B.3	Surge Protection Devices and Accessories										
	1 Surge Arrester for Single Phase Transformer Installation	set		46.00	29.00						/
	2 9 kV Surge Arrester	set		17.00	10.00						
	3 Drop Out Fuse of suitable Capacity for Single Phase Transformer Installation			46.00	29.00						
	4 Drop Out Fuse of suitable Capacity	set		17.00	10.00						
	5 Outdoor Pole Mounted Distribution Panel Board (with 25A 2P MCCB-1 Nos	set		17.00	12.00						
	with Copper Busbars and Hardware) Complete Set										/
	6 Outdoor Pole Mounted Distribution Panel Board (with 50A 2P MCCB-1 Nos	set		17.00	10.00						
	with Copper Busbars and Hardware) Complete Set										



Name of Tenderer

Signature of Tenderer____

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)

ltem	Description	Unit	Unit Rate, EXWorks	Qu	antity	Total Quantity		estic Transportation e, Local Currency	Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
	Description		Local Currency		Bhigma Bajedichaur (Nagma)		Badki Badki	Bhigma Bajedichaur (Nagma)	Local Currency	Local Currency	Local Currency
1	2	3	4		5	6 = Σ5		7	8 = 4 x 6	9 = Σ(π(5 x 7))	10 = 8 + 9
	Outdoor Date Maurated Distribution Dated Descript (with 2004 OD MOOD 4 No.			A	В		A	В			
7	Outdoor Pole Mounted Distribution Panel Board (with 80A 2P MCCB-1 Nos with Copper Busbars and Hardware) Complete Set	set		12.00	7.00						
0	Outdoor Pole Mounted Distribution Panel Board (with 50A TP MCCB-1 Nos,	set		11.00	5.00						
0	32A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set	501		11.00	5.00						
	Outdoor Pole Mounted Distribution Panel Board (with 80A TP MCCB-1 Nos,	set		3.00	2.00						
	50A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set	301		0.00	2.00						
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		1.00	1.00						
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						
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						
13	LT PVC Cable, (Al. 2 Core, 35 sq mm, Armored)	m		230.00	145.00						
	LT PVC Cable, (Al. 4 Core, 50 sq mm, Armored)	m		70.00	35.00						
	LT PVC Cable, (Al. 4 Core, 120 sq mm, Armored)	m		5.00	5.00						
16	LT PVC Cable, (Al. 4 Core, 300 sq mm, Armored)	m		10.00	10.00						
	Switchgear, Data Instrumentation System and Accessories			45.00	0.00						
1	Load Break Switch Transformer Data Instrumentation System with every minute data logging and	set		15.00	8.00						
	transfer to Server at Regional Control Centre and programmed locations as										
2		set		46.00	29.00						
2	connection system (Current, Voltage, Power, Power Factor, THD, Oil	501		40.00	29.00						
	Temperature, Status, Daily Load Curve, local storage and transfer via GSM)										
	Transformer Data Instrumentation System with every minute data logging and		1								
	transfer to Server at Regional Control Centre and programmed locations as										
3	0 10	set		17.00	10.00						
	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		1		1						
	logging and transfer to Server at Regional Control Centre and programmed										
4		set		15.00	8.00						
	platform and connection system (Current, Voltage, Daily Load Curve, Status,										
	local storage and transfer via GSM)										



Name of Tenderer

Signature of Tenderer____

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

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

ltem	Description	Unit	Unit Rate, EXWorks	Qua	antity	Total Quantity		estic Transportation e, Local Currency
	Description		Local Currency	Badki Badki	Bhigma Bajedichaur (Nagma)		Badki Badki	Bhigma Bajedichaur (Nagma)
1	2	3	4	A	5 B	6 = Σ5	A	7 B
С	Low Tension Line							
C.1	Conductor							
	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		31.80	29.52			
3	Aerial Bundled Cable with Messenger Cable 3 x 50 + 1 x 35 sq mm	kms		50.89	47.23			
4	Aerial Bundled Cable with Messenger Cable 3 x 25 + 1 x 25 sq mm	kms		44.53	41.32			
5	Aerial Bundled Cable with Messenger Cable 2 x 25 sq mm	kms		95.41	50.60			
6	Overhead ACSR 100 sq mm. with 5% Sag with accessories all complete	kms		2.00	2.00			
	Overhead ACSR 50 sq mm. with 5% Sag with accessories all complete	kms		2.00	2.00			
8	Overhead ACSR 30 sq mm. with 5% Sag with accessories all complete	kms		2.00	2.00			
9	Mid-Span Cable Connector/Junction Sleeve	set		508.86	472.28			
C.2	Poles and Accessories							
C.2.1	PSC Pole and Accessories							
1	9 m PSC Pole	nos.		-	-			
2	Anchor Assembly for Messenger	set		-	-			
3	Suspension Assembly for Messenger	set		-	-			
	Insulated Piercing Connector	set		-	-			
	Angle Plate	set		-	-			
	Eye Nut	set		-	-			
	Insulated Cable Cap	set		-	-			
	Pig Tail with Hexagonal Nuts and Washers (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.		5,301.00	2,812.00			
	Anchor Assembly for Messenger	set		2,121.00	1,125.00			
	Suspension Assembly for Messenger	set		4,983.00	2,644.00			
	Insulated Piercing Connector	set		13,571.00	7,199.00			
	Angle Plate	set		1,061.00	563.00			
	Insulated Cable Cap	set		8,482.00	4,500.00			
	Pig Tail with Fabricated Eye	set		5,620.00	2,981.00			
	Pole Clamp with Nut, Bolt and Washers	set		6,680.00	3,544.00			
	Twisted Double Eye			1,909.00	1,013.00			
				.,	.,010.00			
C.2.3	Stays							
	Pole Clamp with Nut, bolt and washers (PC3), with channel and support							
1	structures all complete as per design and drawings	nos.		-	-			
	Pole Clamp with Nut, bolt and washers (TC3), with channel and support							1
2	structures all complete as per design and drawings	nos.		2,121.00	1,125.00			



ı	Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
	Local Currency	Local Currency	Local Currency
_	8 = 4 x 6	9 = Σ(π(5 x 7))	10 = 8 + 9
+			
+			
1			
1			
4			
┥			
_			
+			
+			
1			
-			
┥			<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. 2: Plant and Mandatory Spare Parts Supplied from Within the Employer's Country (Excluding VAT applicable in Employer's Country)

ltem	Description	Unit	Unit Rate, EXWorks	Qua	antity	Total Quantity		estic Transportation e, Local Currency
Item	Description	Onic	Local Currency	Badki Badki	Bhigma Bajedichaur (Nagma)		Badki Badki	Bhigma Bajedichaur (Nagma)
1	2	3	4	A	5 В	6 = Σ5	A	7 B
3	Bolts with suitable nuts and washers (M16 x 50 mm)	nos.		4,242.00	2,250.00		<u>_</u>	
	Bolts with suitable nuts and washers (M16 x 100 mm)	nos.		4,242.00	2,250.00			
	Stay Wire, (7/10 SWG minimum)	kg		21,210.00	11,250.00			
	Stay/Guy Insulator	nos.		2,121.00	1,125.00			
	Stay Turn Buckle including Thimble, (18 SWG minimum)	nos.		2,121.00	1,125.00			
	Stay I bolt, (12 inch minimum)	set		2,121.00	1,125.00			
	Stay I Rod/Anchor Rod, (minimum 1600 mm)	nos.		2,121.00	1,125.00			
	Bow set with Thimble	nos.		2,121.00	1,125.00			
11	Stay Grin	nos.		2,121.00	1,125.00			
12	Galvanized Steel Stay Plate for Installation Underground, (300 x 300 x 6 mm minimum)			2,121.00	1,125.00			
C.3	Special Components			5.00	5.00			
	10 m PSC Pole	nos.		5.00	5.00			
	11 m PSC Pole	nos.		5.00	5.00			
	9 m Steel Tubular Pole	nos.		5.00	5.00			
	10 m Steel Tubular Pole	nos.		5.00	5.00			
	11 m Steel Tubular Pole	nos.		4.00	4.00			
6	13 m Steel Tubular Pole							
C.4	Tools and Equipment							
	Flat wrench of different sizes for common bolts	Sets		5.00	5.00			
	Torque wrench of different sizes for common bolts	Sets		5.00	5.00			
	Pipe wrench for common bolts	Sets		5.00	5.00			
	Steel ropes (Pilot wire) 35 sq. mm	m		50.00	50.00			
	Pilot wire grips (35 sq. mm) come along clamp	Nos.		50.00	50.00			
	Rubber covered rollers, pullies (2,3 keys)	Sets		2.00	2.00			
	Portable earthing set (for Transmission line maintenance safety purpose)	Sets		5.00	5.00			
-	Safety belt	Sets		20.00	20.00			
	Line operator's leather gloves	Pairs		20.00	20.00			
10	Safety helmet with chinstrap and accessories	Sets		20.00	20.00			
	Insulation tester (10000 V) suitable for outdoor line testing purpose	Nos.		5.00	5.00			
	Earth resistivity tester	Nos.		5.00	5.00			
	Earthing resistance tester	Nos.		5.00	5.00			
14	Double sheeve pulley block 5 MT capacity with all accessories	Sets		1.00	1.00			
	Sagging Winch 10 MT capacity hand operated	Sets		1.00	1.00			
	Grip suitable for ACSR DOG/RABBIT/WEASEL Conductor	Sets		5.00	5.00			
	Grip suitable for ADSS Cable	Sets		5.00	5.00			
	Grip suitable for ABC Cable	Sets		5.00	5.00			
19	Safety Ladder for Distribution System Operation	Sets		5.00	5.00			



	Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
	Local Currency	Local Currency	Local Currency
	8 = 4 x 6	9 = Σ(π(5 x 7))	10 = 8 + 9
_			
_			
	<u> </u>		
_			
_			
_			
_			
	<u> </u>		

Name of Tenderer

Signature of Tenderer_____

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 Rate, EXWorks		Qua	Quantity Total Quantity		Unit Rate, Domestic Transportation and Insurance, Local Currency		Total EXW Price	Total, Domestic Transportation and Insurance	Total Price
nem		Unit	Local Currency	Badki Badki	Bhigma Bajedichaur (Nagma)		Badki Badki	Bhigma Bajedichaur (Nagma)	Local Currency	Local Currency	Local Currency
1	2	2	4	5		6 = Σ5		7	8 = 4 x 6	9 = Σ(π(5 x 7))	40 - 8 + 0
'		3	4	A	В	6 = 25	A	В	0 - 4 X 0	9 - 2(11(5 X 7))	10 = 8 + 9
20	One Set of complete tools for Maintenance/Replacement Works of Aerial Bunched Cable	Sets		5.00	5.00						



Name of Tenderer

Signature of Tenderer____

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)

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

Name of Tenderer

ESTD 1995 Procurement of Plant

Signature of Tenderer

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)

				Unit	Price	Total	Price
Item	Description	Unit	Quantity	Foreign Currency	Local Currency	Foreign Currency	Local Currency
				Portion	Portion	Portion	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	231.77				
	As Built Drawings, Testing and Commissioning of 11kV Line as per the scope of the project	kms	231.77				
В.	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	102.00				
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	102.00				
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	23.00				
	As Built Drawings, Testing and Commissioning of Switchgear like load break switches including data communication system as per the scope of the project	set	23.00				
C.	Low Tension Lines						



Name of Tenderer

Signature of Tenderer_____

Procurement of Plant

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)

			Quantity	Unit	Price	Total Price		
Item	Description	Unit		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	
	Preconstruction Survey, Design and Drawings of Low Tension Line as per the scope of the project	kms	324.47					
	As Built Drawings, Testing and Commissioning of Low Tension Line as per the scope of the project	kms	324.47					

Name of Tenderer

Signature of Tenderer



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)

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

Procurement of Plant

Name of Tenderer

Signature of Tenderer_____



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)

			Qu	antity		Unit Price	, Local Currency	Total Price
Item	Description	Unit	Badki Badki	Bhigma Bajedichaur (Nagma)	Total Quantity	Badki Badki	Bhigma Bajedichaur (Nagma)	Local Currency
1	2	3		4	5 = Σ4		6	
	2	5	A	В	5-24	A	В	<i>i</i> = 2(ii(4 x 0))
	11 kV Lines							
	Conductors				-			
1	Stringing of Covered Conductor (XLPE insulated, 100 sq.mm. AAC)	kms	477.05	253.01	730.06			
					-			
	Poles and accessories		-		-			
1 1	Hardware and transportation of 11 m long PSC including erection - excavation of footing, making pole vent, placing in footing, backfilling, concreting all complete	Nos.	-	-	-			
2	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.	2,862.00	1,518.00	4,380.00			
3	Stay sets, with stay wire, rod, ties & insulator all complete including transportation to site.	set	1,145.00	608.00	1,753.00			
1	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	2,526.46	1,340.03	3,866.48			
Δ 3	Dismantling Works				-			
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			
2	Dismantling of existing HT or LT wire (Dismantle and carry back to office store safely) all complete	kms	2.00	2.00	4.00			
					-			
	Reconductoring Works				-			
	Recondutoring of 11 kV lines or LT for certain sections as double or single circuit	kms	10.00	10.00	20.00			
2	Reconnection Works of Service Cable (Single Phase)	set	10.00	10.00	20.00			
3	Reconnection Works of Service Cable (Three Phase)	set	10.00	10.00	20.00			
					-			
A.5	Special Components				-			
	Hardware and transportation of 13 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	10.00			
2	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	10.00			
3	Providing and laying of plain cement concrete (PCC) M15 (manual mixed) in foundation complete as per drawing and technical specifications for 13 m and 14.5 m STP.	cum	18.41	18.41	36.82			



Name of Tenderer

Signature of Tenderer____

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

			Qu	antity		Unit Price	, Local Currency	Total Price
Item	Description	Unit	Badki Badki	Bhigma Bajedichaur (Nagma)	Total Quantity	Badki Badki	Bhigma Bajedichaur (Nagma)	Local Currency
1	2	3		4	5 = Σ4		6	
	-	, °	A	В	0-24	A	В	r = 2(ii(+ x 0))
В	Distribution Transformer							
B.1	Distribution Transformer, Distribution Panel Board, Instrumentation System, Cable all complete				-			
1	Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete - 5 kVA, single phase	set	17.00	12.00	29.00			
2	Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete - 10 kVA, single phase	set	17.00	10.00	27.00			
3	Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete - 16 kVA, single phase	set	12.00	7.00	19.00			
4	Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete - 25 kVA, 3 phase	set	11.00	5.00	16.00			
5	Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete - 50 kVA, 3 phase	set	3.00	2.00	5.00			
6	Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete - 100 kVA, 3 phase	set	1.00	1.00	2.00			
7	Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete - 200 kVA, 3 phase	set	1.00	1.00	2.00			
8	Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete - 300 kVA, 3 phase	set	1.00	1.00	2.00			
B.2	Switchgear and Accessories				-			
	Surge Arrester Installation and Commissioning all complete	set	63.00	39.00	102.00			
	Drop-Out Fuse Installation and Commissioning all complete	set	63.00	39.00	102.00			
	Installation of MCCB in Single Phase Transformers (upto 150 A)	set	46.00	29.00	75.00			
	Installation of 3 phase MCCB (upto 350 A)	set	16.00	9.00	25.00			
	Installation of 3 phase MCCB (above 350 A)	set	1.00	1.00	2.00			
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	63.00	39.00	102.00			
7	Supply, Installation and Commissioning of Data Instrumentation System all complete - Single Phase	set	46.00	29.00	75.00			
	Supply, Installation and Commissioning of Data Instrumentation System all complete - 3 phase	set	17.00	10.00	27.00			
	Installation and Commissioning of Load Break Switches	set	15.00	8.00	23.00			
	Supply, Installation and Commissioning of Data Instrumentation System all complete for Load Break Switches	set	15.00	8.00	23.00	1		



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)

			Qua	antity		Unit Price	, Local Currency	Total Price
ltem	Description	Unit	Badki Badki	Bhigma Bajedichaur (Nagma)	Total Quantity	Badki Badki	Bhigma Bajedichaur (Nagma)	Local Currency
1	2	3		4	5 = Σ4		6	7 = Σ(π(4 x 6))
-			A	В		A	В	
<u>C</u>	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	-	-	-			
	Aerial Bundled Cable with Messenger Cable 3 x 95 + 1 x 70 sq mm	kms	31.80	29.52	61.32			
	Aerial Bundled Cable with Messenger Cable 3 x 50 + 1 x 35 sq mm	kms	50.89	47.23	98.11			
	Aerial Bundled Cable with Messenger Cable 3 x 25 + 1 x 25 sq mm	kms	44.53	41.32	85.85			
	Aerial Bundled Cable with Messenger Cable 2 x 25 sq mm	kms	95.41	50.60	146.01			
	Overhead ACSR 100 sq mm. with 5% Sag with accessories all complete	kms	2.00	2.00	4.00			
	Overhead ACSR 50 sq mm. with 5% Sag with accessories all complete	kms	2.00	2.00	4.00			
8	Overhead ACSR 30 sq mm. with 5% Sag with accessories all complete	kms	2.00	2.00	4.00			
					-			
C.2	Poles and accessories				-			
1	footing, backfilling, concreting all complete	Nos.	-	-	-			
2	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.	5,301.00	2,812.00	8,113.00			
3		set	2,121.00	1,125.00	3,246.00			
	Providing and laving of plain cement concrete (PCC) M15 (manual mixed) in foundation complete as per drawing and technical		1		,			
4	specifications for 9 m STP.	cum	3,652.60	1,937.58	5,590.18			
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	set	10.00	10.00	20.00			
2		kms	2.00	2.00	4.00			
2		INTI5	2.00	2.00				
C.4	Reconductoring Works				_			
1	Recondutoring of 11 kV lines or LT for certain sections as double or single circuit	kms	10.00	10.00	20.00			
2		set	10.00	10.00	20.00			
		set	10.00	10.00	20.00			
		301	10.00	10.00	- 20.00			
C.5	Special Components				-			
1	Hardware and transportation of 10 m long PSC including erection - excavation of footing, making pole vent, placing in footing,	set	5.00	5.00	10.00			
2	Hardware and transportation of 11 m long PSC pole including erection - excavation of footing, making pole vent, placing in	set	5.00	5.00	10.00			
3	Hardware and transportation of 9 m long Steel tubular pole including erection - excavation of footing, making pole vent, placing	set	5.00	5.00	10.00			
4	Hardware and transportation of 10 m long Steel tubular pole including erection - excavation of footing, making pole vent, placing in footing, backfilling, concreting, all complete	1	5.00	5.00	10.00			
5	Hardware and transportation of 11 m long Steel tubular pole including erection - excavation of footing, making pole vent, placing	1	4.00	4.00	8.00			
6	Hardware and transportation of 13 m long Steel tubular pole including erection - excavation of footing, making pole vent, placing in footing, backfilling, concreting all complete	set	2.00	2.00	4.00			



Name of Tenderer

Signature of Tenderer____

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

			Qua	antity		Unit Price, Local Currency		Total Price	
ltem	Description	Unit	Badki Badki	Bhigma Bajedichaur (Nagma)	Total Quantity	Badki Badki	Bhigma Bajedichaur (Nagma)	Local Currency	
1	2	3	4		5 = Σ4		6	- 7 = Σ(π(4 x 6))	
		3 -	3 A	В	0-24	A	В		
	7 Providing and laying of plain cement concrete (PCC) M15 (manual mixed) in foundation complete as per drawing and technical specifications for 10, 11 and 13 m STP.	cum	9.48	9.48	18.96				



Name of Tenderer

Signature of Tenderer____

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

Item	Description	Unit	Total Price	Total Price
			Foreign Currency	Local Currency
1	2	3	4	5
D.	Environmental Mitigation Works			
	Environmental and Social Monitoring Works			
	Environmental and Social Monitoring Cost Estimates as per the ESMP Reports and as assigned by Client.	lot		

Name of Tenderer



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)

			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

Procurement of Plant