

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



TENDER DOCUMENT
for

Procurement of material, equipment, associated accessories and necessary installation services including design, erection, testing, and commissioning of 33/11 kV Substations and 33 kV, 11 kV, 400 V Lines and Distribution System Network

Package No. W4 Sub Project: Vampuchaur of Rukum West District, Badaban and Samaila of Jajarkot District, Raskot of Kalikot District

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

Issued on:

Invitation for Re-Tenders No.: ICB-DCSD-2078/79-DSUEP-AIIB-W4

Contract Ref. No.: ICB-DCSD-2078/79-DSUEP-AIIB-W4

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

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

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

| 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 | | - | - |

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 | |
|---|---|------------------|----------------|
| | | 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 | Environmental and Social Mitigation Works | | |
| 4.1 | Mitigation Works | | |
| T-4 | Sub Total of Environmental and Social Mitigation Works | | |
| Grand Total (Sum of T-1 ... T-4) | | - | - |

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. 1: Plant and Mandatory Spare Parts Supplied from Abroad (Excluding Custom Duty and VAT applicable in Employer's Country)

| 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)

| 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 | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | | Manma Raskot | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | | | Manma Raskot | Foreign Currency | Local Currency |
| | | | | | | | | | | | | | | | | | | |
| A. | 11 kV Line | | | | | | | | - | | | | | - | - | | | |
| A.1 | Conductors | | | | | | | | - | | | | | - | - | | | |
| 1 | XLPE Overhead Covered Conductor, 100 sq mm. with 5% Sag | | kms | | 281.82 | 278.53 | 252.82 | 402.62 | 1,215.78 | | | | | - | - | | | |
| 2 | Mid-Span Joining Sleeve (Covered Conductor. rated min 500A) | | set | | 536.79 | 530.53 | 481.56 | 766.90 | 2,315.78 | | | | | - | - | | | |
| 3 | Tension/Anchoring Assembly (including Anti-tracking Device and Socket Eye) | | set | | 56.00 | 56.00 | 51.00 | 81.00 | 244.00 | | | | | - | - | | | |
| 4 | Polymeric Pin Ties, and Top Ties | | set | | 56.00 | 56.00 | 51.00 | 81.00 | 244.00 | | | | | - | - | | | |
| 5 | Insulation Piercing Connectors (IPC) - Type 1 | | set | | 56.00 | 56.00 | 51.00 | 81.00 | 244.00 | | | | | - | - | | | |
| 6 | Insulation Piercing Connectors (IPC) - Type 2 | | set | | 56.00 | 56.00 | 51.00 | 81.00 | 244.00 | | | | | - | - | | | |
| 7 | Insulation Piercing Connectors (IPC) - Type 3 | | set | | 74.00 | 74.00 | 58.00 | 86.00 | 292.00 | | | | | - | - | | | |
| | | | | | | | | | - | | | | | - | - | | | |
| 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 Insulator for 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 | | - | - | - | - | - | | | | | - | - | | | |
| 9 | Pin Type Insulator for 11 kV | | nos. | | - | - | - | - | - | | | | | - | - | | | |
| 10 | Pole Clamp with Nut, bolt and washers (PC1) with channel and support structures all complete as per design and drawings | | set | | - | - | - | - | - | | | | | - | - | | | |
| 11 | Pole Clamp with Nut, bolt and washers (PC2) with channel and support structures all complete as per design and drawings | | set | | - | - | - | - | - | | | | | - | - | | | |
| 12 | Pole Clamp with Nut, bolt and washers, Bottom Bracing (PC5) with channel and support structures all complete as per design and drawings | | set | | - | - | - | - | - | | | | | - | - | | | |
| 13 | Pole Clamp with Nut, bolt and washers, Top Bracing (PC4) with channel and support structures all complete as per design and drawings | | set | | - | - | - | - | - | | | | | - | - | | | |
| 14 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1800 mm) | | nos. | | - | - | - | - | - | | | | | - | - | | | |
| 15 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1900 mm) | | nos. | | - | - | - | - | - | | | | | - | - | | | |
| 16 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2416 mm) | | nos. | | - | - | - | - | - | | | | | - | - | | | |
| 17 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2919 mm) | | nos. | | - | - | - | - | - | | | | | - | - | | | |
| 18 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 3300 mm) | | nos. | | - | - | - | - | - | | | | | - | - | | | |
| 19 | 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 | | - | - | - | - | - | | | | | - | - | | | |
| | | | | | | | | | - | | | | | - | - | | | |
| A.2.2 | STP Pole and Accessories - Single Circuit | | | | | | | | - | | | | | - | - | | | |
| 1 | 11 M Steel Tubular Pole | | nos. | | 895.00 | 885.00 | 803.00 | 1,279.00 | 3,862.00 | | | | | - | - | | | |
| 2 | Back Strap | | nos. | | 1,209.00 | 1,195.00 | 1,085.00 | 1,727.00 | 5,216.00 | | | | | - | - | | | |
| 3 | Bolts with suitable nuts and washers (M16 x 100 mm) | | nos. | | 4,923.00 | 4,868.00 | 4,417.00 | 7,035.00 | 21,243.00 | | | | | - | - | | | |
| 4 | Bolts with suitable nuts and washers (M16 x 235 mm) | | nos. | | 90.00 | 89.00 | 81.00 | 128.00 | 388.00 | | | | | - | - | | | |
| 5 | Bolts with suitable nuts and washers (M16 x 50 mm) | | nos. | | 1,074.00 | 1,062.00 | 964.00 | 1,535.00 | 4,635.00 | | | | | - | - | | | |
| 6 | Disc Type Insulator for 11 kV | | set | | 1,209.00 | 1,195.00 | 1,085.00 | 1,727.00 | 5,216.00 | | | | | - | - | | | |
| 7 | Flat Crossarm Brace 11 kV (50 x 6 x 666 mm) | | nos. | | 985.00 | 974.00 | 884.00 | 1,407.00 | 4,250.00 | | | | | - | - | | | |
| 8 | Insulator Pin for Pin Insulator of 11 kV | | set | | 2,014.00 | 1,992.00 | 1,807.00 | 2,878.00 | 8,691.00 | | | | | - | - | | | |
| 9 | Pin Type Insulator for 11 kV | | nos. | | 2,014.00 | 1,992.00 | 1,807.00 | 2,878.00 | 8,691.00 | | | | | - | - | | | |

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)

| 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 | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | | Manma Raskot | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | | | Manma Raskot | 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(π(8 x 6)) | | | |
| 10 | Pole Clamp with Nut, bolt and washers (TC1) with channel and support structures all complete as per design and drawings | | set | | 1,477.00 | 1,461.00 | 1,325.00 | 2,111.00 | 6,374.00 | | | | | - | - | | | |
| 11 | Pole Clamp with Nut, bolt and washers (TC2) with channel and support structures all complete as per design and drawings | | set | | 985.00 | 974.00 | 884.00 | 1,407.00 | 4,250.00 | | | | | - | - | | | |
| 12 | Pole Clamp with Nut, bolt and washers, Bottom Bracing (TC5) with channel and support structures all complete as per design and drawings | | set | | 90.00 | 89.00 | 81.00 | 128.00 | 388.00 | | | | | - | - | | | |
| 13 | Pole Clamp with Nut, bolt and washers, Top Bracing (TC4) with channel and support structures all complete as per design and drawings | | set | | 90.00 | 89.00 | 81.00 | 128.00 | 388.00 | | | | | - | - | | | |
| 14 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1800 mm) | | nos. | | 90.00 | 89.00 | 81.00 | 128.00 | 388.00 | | | | | - | - | | | |
| 15 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1900 mm) | | nos. | | 403.00 | 399.00 | 362.00 | 576.00 | 1,740.00 | | | | | - | - | | | |
| 16 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2416 mm) | | nos. | | 45.00 | 45.00 | 41.00 | 64.00 | 195.00 | | | | | - | - | | | |
| 17 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2919 mm) | | nos. | | 90.00 | 89.00 | 81.00 | 128.00 | 388.00 | | | | | - | - | | | |
| 18 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 3300 mm) | | nos. | | 403.00 | 399.00 | 362.00 | 576.00 | 1,740.00 | | | | | - | - | | | |
| 19 | Strap for Insulator String for 11 kV (100 x 5 x 350 mm) | | set | | 269.00 | 266.00 | 241.00 | 384.00 | 1,160.00 | | | | | - | - | | | |
| 20 | Offset Cross-Arm for Covered Conductor with all accessories complete | | set | | 179.00 | 177.00 | 160.60 | 255.80 | 772.40 | | | | | - | - | | | |
| A.2.3 | STP Pole and Accessories - Double Circuit | | | | | | | | - | | | | | - | - | | | |
| 1 | 11 m Steel Tubular Pole | | nos. | | 796.00 | 786.00 | 714.00 | 1,137.00 | 3,433.00 | | | | | - | - | | | |
| 2 | Back Strap | | nos. | | 2,150.00 | 2,123.00 | 1,928.00 | 3,070.00 | 9,271.00 | | | | | - | - | | | |
| 3 | Bolts with suitable nuts and washers (M16 x 100 mm) | | nos. | | 9,871.00 | 9,747.00 | 8,854.00 | 14,099.00 | 42,571.00 | | | | | - | - | | | |
| 4 | Bolts with suitable nuts and washers (M16 x 235 mm) | | nos. | | 239.00 | 236.00 | 215.00 | 342.00 | 1,032.00 | | | | | - | - | | | |
| 5 | Bolts with suitable nuts and washers (M16 x 50 mm) | | nos. | | 1,791.00 | 1,769.00 | 1,607.00 | 2,559.00 | 7,726.00 | | | | | - | - | | | |
| 6 | Disc Type Insulator for 11 kV | | set | | 2,150.00 | 2,123.00 | 1,928.00 | 3,070.00 | 9,271.00 | | | | | - | - | | | |
| 7 | Flat Crossarm Brace 11 kV (50 x 6 x 666 mm) | | nos. | | 2,627.00 | 2,594.00 | 2,357.00 | 3,753.00 | 11,331.00 | | | | | - | - | | | |
| 8 | Insulator Pin for Pin Insulator of 11 kV | | set | | 3,582.00 | 3,537.00 | 3,213.00 | 5,117.00 | 15,449.00 | | | | | - | - | | | |
| 9 | Interconnecting Clamp for MVCC | | set | | 478.00 | 472.00 | 429.00 | 683.00 | 2,062.00 | | | | | - | - | | | |
| 10 | Pin Type Insulator for 11 kV | | nos. | | 3,582.00 | 3,537.00 | 3,213.00 | 5,117.00 | 15,449.00 | | | | | - | - | | | |
| 11 | Pole Clamp with Nut, bolt and washers (TC1) with channel and support structures all complete as per design and drawings | | set | | 3,463.00 | 3,420.00 | 3,106.00 | 4,946.00 | 14,935.00 | | | | | - | - | | | |
| 12 | Pole Clamp with Nut, bolt and washers (TC2) with channel and support structures all complete as per design and drawings | | set | | 1,314.00 | 1,297.00 | 1,179.00 | 1,877.00 | 5,667.00 | | | | | - | - | | | |
| 13 | Pole Clamp with Nut, bolt and washers, Bottom Bracing (TC5) with channel and support structures all complete as per design and drawings | | set | | 80.00 | 79.00 | 72.00 | 114.00 | 345.00 | | | | | - | - | | | |
| 14 | Pole Clamp with Nut, bolt and washers, Top Bracing (TC4) with channel and support structures all complete as per design and drawings | | set | | 80.00 | 79.00 | 72.00 | 114.00 | 345.00 | | | | | - | - | | | |
| 15 | Preformed Pin Ties, Top Ties | | set | | 3,582.00 | 3,537.00 | 3,213.00 | 5,117.00 | 15,449.00 | | | | | - | - | | | |
| 16 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1600 mm) | | nos. | | 40.00 | 40.00 | 36.00 | 57.00 | 173.00 | | | | | - | - | | | |
| 17 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1640 mm) | | nos. | | 40.00 | 40.00 | 36.00 | 57.00 | 173.00 | | | | | - | - | | | |
| 18 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1700 mm) | | nos. | | 1,672.00 | 1,651.00 | 1,500.00 | 2,388.00 | 7,211.00 | | | | | - | - | | | |
| 19 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) | | nos. | | 956.00 | 944.00 | 857.00 | 1,365.00 | 4,122.00 | | | | | - | - | | | |
| 20 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2610 mm) | | nos. | | 80.00 | 79.00 | 72.00 | 114.00 | 345.00 | | | | | - | - | | | |
| 21 | Strap for Insulator String for 11 kV (100 x 5 x 350 mm) | | set | | 359.00 | 354.00 | 322.00 | 512.00 | 1,547.00 | | | | | - | - | | | |
| 22 | Tension Set with Ball and Socket Eye | | set | | 2,150.00 | 2,123.00 | 1,928.00 | 3,070.00 | 9,271.00 | | | | | - | - | | | |
| 23 | Offset Cross-Arm for Covered Conductor with all accessories complete | | set | | 318.40 | 314.40 | 285.60 | 454.80 | 1,373.20 | | | | | - | - | | | |
| A.2.4 | Stays | | | | | | | | - | | | | | - | - | | | |
| 1 | Pole Clamp with Nut, bolt and washers (PC3) with channel and support structures all complete as per design and drawings | | set | | - | - | - | - | - | | | | | - | - | | | |

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)

| Item | Description | Country of Origin | Unit | Unit Rate, CIP (Nepal Border) | | | | Total Quantity | Unit Rate, Domestic Transportation and Insurance, Local Currency | | | | Total, CIP (Nepal Border) | | Total, Domestic Transportation and Insurance | |
|------------|---|-------------------|------|-------------------------------|----------------------|---------------------|--------------|----------------|--|----------------------|---------------------|--------------|---------------------------|------------------|--|--|
| | | | | Foreign Currency | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | | Manma Raskot | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | 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)) | |
| 2 | Pole Clamp with Nut, bolt and washers (TC3) with channel and support structures all complete as per design and drawings | | set | | 677.00 | 669.00 | 607.00 | 967.00 | 2,920.00 | | | | | - | - | |
| 3 | Bolts with suitable nuts and washers (M16 x 50 mm) | | nos. | | 1,354.00 | 1,338.00 | 1,214.00 | 1,934.00 | 5,840.00 | | | | | - | - | |
| 4 | Bolts with suitable nuts and washers (M16 x 100 mm) | | nos. | | 1,354.00 | 1,338.00 | 1,214.00 | 1,934.00 | 5,840.00 | | | | | - | - | |
| 5 | Stay Wire, (7/10 SWG minimum) | | kg | | 6,770.00 | 6,690.00 | 6,070.00 | 9,670.00 | 29,200.00 | | | | | - | - | |
| 6 | Stay/Guy Insulator | | nos. | | 677.00 | 669.00 | 607.00 | 967.00 | 2,920.00 | | | | | - | - | |
| 7 | Stay Turn Buckle including Thimble, (18 SWG minimum) | | nos. | | 677.00 | 669.00 | 607.00 | 967.00 | 2,920.00 | | | | | - | - | |
| 8 | Stay I bolt, (12 inch minimum) | | nos. | | 677.00 | 669.00 | 607.00 | 967.00 | 2,920.00 | | | | | - | - | |
| 9 | Stay I Rod/Anchor Rod, (minimum 1600 mm) | | nos. | | 677.00 | 669.00 | 607.00 | 967.00 | 2,920.00 | | | | | - | - | |
| 10 | Bow set with Thimble | | nos. | | 677.00 | 669.00 | 607.00 | 967.00 | 2,920.00 | | | | | - | - | |
| 11 | Stay Grip | | nos. | | 677.00 | 669.00 | 607.00 | 967.00 | 2,920.00 | | | | | - | - | |
| 12 | Galvanized Steel Stay Plate for Installation Underground, (600 x 600 x 6 mm minimum) | | nos. | | 677.00 | 669.00 | 607.00 | 967.00 | 2,920.00 | | | | | - | - | |
| | | | | | | | | | - | | | | | - | - | |
| A.3 | Special Components | | | | | | | | - | | | | | - | - | |
| 1 | Power Arc Devices (3 Nos. per set) | | set | | 56.00 | 56.00 | 51.00 | 81.00 | 244.00 | | | | | - | - | |
| 2 | 13 m Steel Tubular Pole | | nos. | | 5.00 | 5.00 | 5.00 | 5.00 | 20.00 | | | | | - | - | |
| 3 | 14.5 m Steel Tubular Pole | | nos. | | 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. 1: Plant and Mandatory Spare Parts Supplied from Abroad (Excluding Custom Duty and VAT applicable in Employer's Country)

| 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 | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | | Manma Raskot | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | | | Manma Raskot | 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(π(8 x 6)) | | | |
| B. Distribution Transformer and Switchgear Components | | | | | | | | | | | | | | | | | | |
| B.1 Distribution Transformer | | | | | | | | | | | | | | | | | | |
| 1 | 11/0.4kV 5 kVA 1 ph. Distribution Transformer | | set | 25.00 | 24.00 | 17.00 | 37.00 | 103.00 | | | | | | - | - | | | |
| 2 | 11/0.4kV 10 kVA 1 ph. Distribution Transformer | | set | 20.00 | 19.00 | 12.00 | 15.00 | 66.00 | | | | | | - | - | | | |
| 3 | 11/0.4kV 16 kVA 1 ph. Distribution Transformer | | set | 8.00 | 13.00 | 10.00 | 12.00 | 43.00 | | | | | | - | - | | | |
| 4 | 11/0.4kV 25kVA 3 ph. Distribution Transformer | | set | 11.00 | 8.00 | 13.00 | 10.00 | 42.00 | | | | | | - | - | | | |
| 5 | 11/0.4kV 50kVA 3 ph. Distribution Transformer | | set | 5.00 | 7.00 | 4.00 | 7.00 | 23.00 | | | | | | - | - | | | |
| 6 | 11/0.4kV 100kVA 3 ph. Distribution Transformer | | set | 4.00 | 2.00 | 1.00 | 4.00 | 11.00 | | | | | | - | - | | | |
| 7 | 11/0.4kV 200kVA 3 ph. Distribution Transformer | | set | 1.00 | 1.00 | 1.00 | 1.00 | 4.00 | | | | | | - | - | | | |
| 8 | 11/0.4kV 300kVA 3 ph. Distribution Transformer | | set | 1.00 | 1.00 | 1.00 | 1.00 | 4.00 | | | | | | - | - | | | |
| B.2 Transformer Platform | | | | | | | | | | | | | | | | | | |
| 1 | Transformer Platform for 5 kVA, Single phase Transformer including separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete | | set | 25.00 | 24.00 | 17.00 | 37.00 | 103.00 | | | | | | - | - | | | |
| 2 | Transformer Platform for 10 kVA, Single phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete | | set | 20.00 | 19.00 | 12.00 | 15.00 | 66.00 | | | | | | - | - | | | |
| 3 | Transformer Platform for 16kVA, Single phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete | | set | 8.00 | 13.00 | 10.00 | 12.00 | 43.00 | | | | | | - | - | | | |
| 4 | Transformer Platform for 25 kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete | | set | 11.00 | 8.00 | 13.00 | 10.00 | 42.00 | | | | | | - | - | | | |
| 5 | Transformer Platform for 50kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete | | set | 5.00 | 7.00 | 4.00 | 7.00 | 23.00 | | | | | | - | - | | | |
| 6 | Transformer Platform for 100 kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete | | set | 4.00 | 2.00 | 1.00 | 4.00 | 11.00 | | | | | | - | - | | | |
| 7 | Transformer Platform for 200 kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete | | set | 1.00 | 1.00 | 1.00 | 1.00 | 4.00 | | | | | | - | - | | | |
| 8 | Transformer Platform for 300 kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete | | set | 1.00 | 1.00 | 1.00 | 1.00 | 4.00 | | | | | | - | - | | | |
| B.3 Surge Protection Devices and Accessories | | | | | | | | | | | | | | | | | | |
| 1 | Surge Arrester for Single Phase Transformer Installation | | set | 53.00 | 56.00 | 39.00 | 64.00 | 212.00 | | | | | | - | - | | | |
| 2 | 9 kV Surge Arrester | | set | 22.00 | 19.00 | 20.00 | 23.00 | 84.00 | | | | | | - | - | | | |
| 3 | Drop Out Fuse of suitable Capacity for Single Phase Transformer Installation | | set | 53.00 | 56.00 | 39.00 | 64.00 | 212.00 | | | | | | - | - | | | |
| 4 | Drop Out Fuse of suitable Capacity | | set | 22.00 | 19.00 | 20.00 | 23.00 | 84.00 | | | | | | - | - | | | |
| 5 | Outdoor Pole Mounted Distribution Panel Board (with 25A 2P MCCB-1 Nos with Copper Busbars and Hardware) Complete Set | | set | 25.00 | 24.00 | 17.00 | 37.00 | 103.00 | | | | | | - | - | | | |
| 6 | Outdoor Pole Mounted Distribution Panel Board (with 50A 2P MCCB-1 Nos with Copper Busbars and Hardware) Complete Set | | set | 20.00 | 19.00 | 12.00 | 15.00 | 66.00 | | | | | | - | - | | | |
| 7 | Outdoor Pole Mounted Distribution Panel Board (with 80A 2P MCCB-1 Nos with Copper Busbars and Hardware) Complete Set | | set | 8.00 | 13.00 | 10.00 | 12.00 | 43.00 | | | | | | - | - | | | |
| 8 | Outdoor Pole Mounted Distribution Panel Board (with 50A TP MCCB-1 Nos, 32A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set | | set | 11.00 | 8.00 | 13.00 | 10.00 | 42.00 | | | | | | - | - | | | |

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)

| 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 | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | | Manma Raskot | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | 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(π(8 x 6)) | | |
| 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 | | 5.00 | 7.00 | 4.00 | 7.00 | 23.00 | | | | | - | - | | |
| 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 | | 4.00 | 2.00 | 1.00 | 4.00 | 11.00 | | | | | - | - | | |
| 11 | Outdoor Pole Mounted Distribution Panel Board (with 320A TP MCCB-1 Nos, 160A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set | | set | | 1.00 | 1.00 | 1.00 | 1.00 | 4.00 | | | | | - | - | | |
| 12 | Outdoor Pole Mounted Distribution Panel Board (with 500A TP MCCB-1 Nos, 250A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set | | set | | 1.00 | 1.00 | 1.00 | 1.00 | 4.00 | | | | | - | - | | |
| 13 | LT PVC Cable, (Al. 2 Core, 35 sq mm, Armored) | | m | | 265.00 | 280.00 | 195.00 | 320.00 | 1,060.00 | | | | | - | - | | |
| 14 | LT PVC Cable, (Al. 4 Core, 50 sq mm, Armored) | | m | | 80.00 | 75.00 | 85.00 | 85.00 | 325.00 | | | | | - | - | | |
| 15 | LT PVC Cable, (Al. 4 Core, 120 sq mm, Armored) | | m | | 20.00 | 10.00 | 5.00 | 20.00 | 55.00 | | | | | - | - | | |
| 16 | LT PVC Cable, (Al. 4 Core, 300 sq mm, Armored) | | m | | 10.00 | 10.00 | 10.00 | 10.00 | 40.00 | | | | | - | - | | |
| B.4 | Switchgear, Data Instrumentation System and Accessories | | | | | | | | - | | | | | - | - | | |
| 1 | Load Break Switch | | set | | 9.00 | 9.00 | 8.00 | 13.00 | 39.00 | | | | | - | - | | |
| 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 | | 53.00 | 56.00 | 39.00 | 64.00 | 212.00 | | | | | - | - | | |
| 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 | | 22.00 | 19.00 | 20.00 | 23.00 | 84.00 | | | | | - | - | | |
| 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 | | 9.00 | 9.00 | 8.00 | 13.00 | 39.00 | | | | | - | - | | |

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)

| 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 | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | | Manma Raskot | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | | | Manma Raskot | Foreign Currency | Local Currency |
| | | | | | | | | | | | | | | | | | | |
| C | 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 | 18.79 | 32.49 | 29.50 | 46.97 | 127.75 | | | | | | | | | | |
| 3 | Aerial Bundled Cable with Messenger Cable 3 x 50 + 1 x 35 sq mm | | kms | 30.06 | 51.99 | 47.19 | 75.16 | 204.40 | | | | | | | | | | |
| 4 | Aerial Bundled Cable with Messenger Cable 3 x 25 + 1 x 25 sq mm | | kms | 26.30 | 45.49 | 41.29 | 65.76 | 178.85 | | | | | | | | | | |
| 5 | Aerial Bundled Cable with Messenger Cable 2 x 25 sq mm | | kms | 56.36 | 55.71 | 50.56 | 80.52 | 243.16 | | | | | | | | | | |
| 6 | Overhead ACSR 100 sq mm. with 5% Sag with accessories all complete | | kms | 2.00 | 2.00 | 2.00 | 2.00 | 8.00 | | | | | | | | | | |
| 7 | Overhead ACSR 50 sq mm. with 5% Sag with accessories all complete | | kms | 2.00 | 2.00 | 2.00 | 2.00 | 8.00 | | | | | | | | | | |
| 8 | Overhead ACSR 30 sq mm. with 5% Sag with accessories all complete | | kms | 2.00 | 2.00 | 2.00 | 2.00 | 8.00 | | | | | | | | | | |
| 9 | Mid-Span Cable Connector/Junction Sleeve | | set | 300.60 | 519.92 | 471.93 | 751.57 | 2,044.01 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 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 | - | - | - | - | - | | | | | | | | | | |
| 4 | Insulated Piercing Connector | | set | - | - | - | - | - | | | | | | | | | | |
| 5 | Angle Plate | | set | - | - | - | - | - | | | | | | | | | | |
| 6 | Eye Nut | | set | - | - | - | - | - | | | | | | | | | | |
| 7 | Insulated Cable Cap | | set | - | - | - | - | - | | | | | | | | | | |
| 8 | Pig Tail with Hexagonal Nuts and Washers (16 x 203 mm) | | set | - | - | - | - | - | | | | | | | | | | |
| 9 | Pole Clamp with Nut, Bolt and Washers | | set | - | - | - | - | - | | | | | | | | | | |
| 10 | Twisted Double Eye | | set | - | - | - | - | - | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| C.2.2 | STP Pole and Accessories | | | | | | | | | | | | | | | | | |
| 1 | 8 m Steel Tubular Pole | | nos. | 3,132.00 | 3,095.00 | 2,810.00 | 4,474.00 | 13,511.00 | | | | | | | | | | |
| 2 | Anchor Assembly for Messenger | | set | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | 5,405.00 | | | | | | | | | | |
| 3 | Suspension Assembly for Messenger | | set | 2,945.00 | 2,910.00 | 2,642.00 | 4,206.00 | 12,703.00 | | | | | | | | | | |
| 4 | Insulated Piercing Connector | | set | 8,018.00 | 7,924.00 | 7,194.00 | 11,454.00 | 34,590.00 | | | | | | | | | | |
| 5 | Angle Plate | | set | 627.00 | 619.00 | 562.00 | 895.00 | 2,703.00 | | | | | | | | | | |
| 6 | Insulated Cable Cap | | set | 5,012.00 | 4,952.00 | 4,496.00 | 7,159.00 | 21,619.00 | | | | | | | | | | |
| 7 | Pig Tail with Fabricated Eye | | set | 3,320.00 | 3,281.00 | 2,979.00 | 4,743.00 | 14,323.00 | | | | | | | | | | |
| 8 | Pole Clamp with Nut, Bolt and Washers | | set | 3,947.00 | 3,900.00 | 3,541.00 | 5,638.00 | 17,026.00 | | | | | | | | | | |
| 9 | Twisted Double Eye | | set | 1,128.00 | 1,115.00 | 1,012.00 | 1,611.00 | 4,866.00 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| C.2.3 | Stays | | | | | | | | | | | | | | | | | |
| 1 | Pole Clamp with Nut, bolt and washers (PC3), with channel and support structures all complete as per design and drawings | | nos. | - | - | - | - | - | | | | | | | | | | |
| 2 | Pole Clamp with Nut, bolt and washers (TC3), with channel and support structures all complete as per design and drawings | | nos. | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | 5,405.00 | | | | | | | | | | |
| 3 | Bolts with suitable nuts and washers (M16 x 50 mm) | | nos. | 2,506.00 | 2,476.00 | 2,248.00 | 3,580.00 | 10,810.00 | | | | | | | | | | |
| 4 | Bolts with suitable nuts and washers (M16 x 100 mm) | | nos. | 2,506.00 | 2,476.00 | 2,248.00 | 3,580.00 | 10,810.00 | | | | | | | | | | |
| 5 | Stay Wire, (7/10 SWG minimum) | | kg | 12,530.00 | 12,380.00 | 11,240.00 | 17,900.00 | 54,050.00 | | | | | | | | | | |
| 6 | Stay/Guy Insulator | | nos. | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | 5,405.00 | | | | | | | | | | |
| 7 | Stay Turn Buckle including Thimble, (18 SWG minimum) | | nos. | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | 5,405.00 | | | | | | | | | | |
| 8 | Stay I bolt, (12 inch minimum) | | set | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | 5,405.00 | | | | | | | | | | |
| 9 | Stay I Rod/Anchor Rod, (minimum 1600 mm) | | nos. | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | 5,405.00 | | | | | | | | | | |
| 10 | Bow set with Thimble | | nos. | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | 5,405.00 | | | | | | | | | | |

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)

| 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 | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | | Manma Raskot | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | 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(π(8 x 6)) | | |
| 11 | Stay Grip | | nos. | | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | 5,405.00 | | | | | - | - | | |
| 12 | Galvanized Steel Stay Plate for Installation Underground, (300 x 300 x 6 mm minimum) | | | | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | 5,405.00 | | | | | - | - | | |
| C.3 Special Components | | | | | | | | | | | | | | | | | |
| 1 | 10 m PSC Pole | | nos. | | 5.00 | 5.00 | 5.00 | 5.00 | 20.00 | | | | | - | - | | |
| 2 | 11 m PSC Pole | | nos. | | 5.00 | 5.00 | 5.00 | 5.00 | 20.00 | | | | | - | - | | |
| 3 | 9 m Steel Tubular Pole | | nos. | | 5.00 | 5.00 | 5.00 | 5.00 | 20.00 | | | | | - | - | | |
| 4 | 10 m Steel Tubular Pole | | nos. | | 5.00 | 5.00 | 5.00 | 5.00 | 20.00 | | | | | - | - | | |
| 5 | 11 m Steel Tubular Pole | | nos. | | 4.00 | 4.00 | 4.00 | 4.00 | 16.00 | | | | | - | - | | |
| 6 | 13 m Steel Tubular Pole | | | | | | | | - | | | | | - | - | | |
| C.4 Tools and Equipment | | | | | | | | | | | | | | | | | |
| 1 | Flat wrench of different sizes for common bolts | | Sets | | 5.00 | 5.00 | 5.00 | 5.00 | 20.00 | | | | | - | - | | |
| 2 | Torque wrench of different sizes for common bolts | | Sets | | 5.00 | 5.00 | 5.00 | 5.00 | 20.00 | | | | | - | - | | |
| 3 | Pipe wrench for common bolts | | Sets | | 5.00 | 5.00 | 5.00 | 5.00 | 20.00 | | | | | - | - | | |
| 4 | Steel ropes (Pilot wire) 35 sq. mm | | m | | 50.00 | 50.00 | 50.00 | 50.00 | 200.00 | | | | | - | - | | |
| 5 | Pilot wire grips (35 sq. mm) come along clamp | | Nos. | | 50.00 | 50.00 | 50.00 | 50.00 | 200.00 | | | | | - | - | | |
| 6 | Rubber covered rollers, pullies (2,3 keys) | | Sets | | 2.00 | 2.00 | 2.00 | 2.00 | 8.00 | | | | | - | - | | |
| 7 | Portable earthing set (for Transmission line maintenance safety purpose) | | Sets | | 5.00 | 5.00 | 5.00 | 5.00 | 20.00 | | | | | - | - | | |
| 8 | Safety belt | | Sets | | 20.00 | 20.00 | 20.00 | 20.00 | 80.00 | | | | | - | - | | |
| 9 | Line operator's leather gloves | | Pairs | | 20.00 | 20.00 | 20.00 | 20.00 | 80.00 | | | | | - | - | | |
| 10 | Safety helmet with chinstrap and accessories | | Sets | | 20.00 | 20.00 | 20.00 | 20.00 | 80.00 | | | | | - | - | | |
| 11 | Insulation tester (10000 V) suitable for outdoor line testing purpose | | Nos. | | 5.00 | 5.00 | 5.00 | 5.00 | 20.00 | | | | | - | - | | |
| 12 | Earth resistivity tester | | Nos. | | 5.00 | 5.00 | 5.00 | 5.00 | 20.00 | | | | | - | - | | |
| 13 | Earthing resistance tester | | Nos. | | 5.00 | 5.00 | 5.00 | 5.00 | 20.00 | | | | | - | - | | |
| 14 | Double sheeve pulley block 5 MT capacity with all accessories | | Sets | | 1.00 | 1.00 | 1.00 | 1.00 | 4.00 | | | | | - | - | | |
| 15 | Sagging Winch 10 MT capacity hand operated | | Sets | | 1.00 | 1.00 | 1.00 | 1.00 | 4.00 | | | | | - | - | | |
| 16 | Grip suitable for ACSR DOG/RABBIT/WEASEL Conductor | | Sets | | 5.00 | 5.00 | 5.00 | 5.00 | 20.00 | | | | | - | - | | |
| 17 | Grip suitable for ADSS Cable | | Sets | | 5.00 | 5.00 | 5.00 | 5.00 | 20.00 | | | | | - | - | | |
| 18 | Grip suitable for ABC Cable | | Sets | | 5.00 | 5.00 | 5.00 | 5.00 | 20.00 | | | | | - | - | | |
| 19 | Safety Ladder for Distribution System Operation | | Sets | | 5.00 | 5.00 | 5.00 | 5.00 | 20.00 | | | | | - | - | | |
| 20 | One Set of complete tools for Maintenance/Replacement Works of Aerial Bunched Cable | | Sets | | 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

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

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. 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 | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | Athbiskot Vampuchaur | | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | Local Currency | | | | Local Currency | Local Currency |
| | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | A | B | C | D | 6 = Σ5 | A | B | C | D | 8 = 4 x 6 | 9 = Σ(π(5 x 7)) | 10 = 8 + 9 | | | |
| A. | 11 kV Line | | | | | | | | | | | | | | | | | |
| A.1 | Conductors | | | | | | | | | | | | | | | | | |
| 1 | XLPE Overhead Covered Conductor, 100 sq mm. with 5% Sag | kms | | 281.82 | 278.53 | 252.82 | 402.62 | | | | | | | | | | | |
| 2 | Mid-Span Joining Sleeve (Covered Conductor. rated min 500A) | set | | 536.79 | 530.53 | 481.56 | 766.90 | | | | | | | | | | | |
| 3 | Tension/Anchoring Assembly (including Anti-tracking Device and Socket Eye) | set | | 56.00 | 56.00 | 51.00 | 81.00 | | | | | | | | | | | |
| 4 | Polymeric Pin Ties, and Top Ties | set | | 56.00 | 56.00 | 51.00 | 81.00 | | | | | | | | | | | |
| 5 | Insulation Piercing Connectors (IPC) - Type 1 | set | | 56.00 | 56.00 | 51.00 | 81.00 | | | | | | | | | | | |
| 6 | Insulation Piercing Connectors (IPC) - Type 2 | set | | 56.00 | 56.00 | 51.00 | 81.00 | | | | | | | | | | | |
| 7 | Insulation Piercing Connectors (IPC) - Type 3 | set | | 74.00 | 74.00 | 58.00 | 86.00 | | | | | | | | | | | |
| 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 Insulator for 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 | | - | - | - | - | | | | | | | | | | | |
| 9 | Pin Type Insulator for 11 kV | nos. | | - | - | - | - | | | | | | | | | | | |
| 10 | Pole Clamp with Nut, bolt and washers (PC1) with channel and support structures all complete as per design and drawings | set | | - | - | - | - | | | | | | | | | | | |
| 11 | Pole Clamp with Nut, bolt and washers (PC2) with channel and support structures all complete as per design and drawings | set | | - | - | - | - | | | | | | | | | | | |
| 12 | Pole Clamp with Nut, bolt and washers, Bottom Bracing (PC5) with channel and support structures all complete as per design and drawings | set | | - | - | - | - | | | | | | | | | | | |
| 13 | Pole Clamp with Nut, bolt and washers, Top Bracing (PC4) with channel and support structures all complete as per design and drawings | set | | - | - | - | - | | | | | | | | | | | |
| 14 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1800 mm) | nos. | | - | - | - | - | | | | | | | | | | | |
| 15 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1900 mm) | nos. | | - | - | - | - | | | | | | | | | | | |
| 16 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2416 mm) | nos. | | - | - | - | - | | | | | | | | | | | |
| 17 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2919 mm) | nos. | | - | - | - | - | | | | | | | | | | | |
| 18 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 3300 mm) | nos. | | - | - | - | - | | | | | | | | | | | |
| 19 | 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 | | - | - | - | - | | | | | | | | | | | |
| A.2.2 | STP Pole and Accessories - Single Circuit | | | | | | | | | | | | | | | | | |
| 1 | 11 M Steel Tubular Pole | nos. | | 895.00 | 885.00 | 803.00 | 1,279.00 | | | | | | | | | | | |
| 2 | Back Strap | nos. | | 1,209.00 | 1,195.00 | 1,085.00 | 1,727.00 | | | | | | | | | | | |
| 3 | Bolts with suitable nuts and washers (M16 x 100 mm) | nos. | | 4,923.00 | 4,868.00 | 4,417.00 | 7,035.00 | | | | | | | | | | | |
| 4 | Bolts with suitable nuts and washers (M16 x 235 mm) | nos. | | 90.00 | 89.00 | 81.00 | 128.00 | | | | | | | | | | | |
| 5 | Bolts with suitable nuts and washers (M16 x 50 mm) | nos. | | 1,074.00 | 1,062.00 | 964.00 | 1,535.00 | | | | | | | | | | | |
| 6 | Disc Type Insulator for 11 kV | set | | 1,209.00 | 1,195.00 | 1,085.00 | 1,727.00 | | | | | | | | | | | |
| 7 | Flat Crossarm Brace 11 kV (50 x 6 x 666 mm) | nos. | | 985.00 | 974.00 | 884.00 | 1,407.00 | | | | | | | | | | | |
| 8 | Insulator Pin for Pin Insulator of 11 kV | set | | 2,014.00 | 1,992.00 | 1,807.00 | 2,878.00 | | | | | | | | | | | |
| 9 | Pin Type Insulator for 11 kV | nos. | | 2,014.00 | 1,992.00 | 1,807.00 | 2,878.00 | | | | | | | | | | | |
| 10 | Pole Clamp with Nut, bolt and washers (TC1) with channel and support structures all complete as per design and drawings | set | | 1,477.00 | 1,461.00 | 1,325.00 | 2,111.00 | | | | | | | | | | | |

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 | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | Athbiskot Vampuchaur | | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | 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 | | | |
| 11 | Pole Clamp with Nut, bolt and washers (TC2) with channel and support structures all complete as per design and drawings | set | | 985.00 | 974.00 | 884.00 | 1,407.00 | | | | | | | | | | | |
| 12 | Pole Clamp with Nut, bolt and washers, Bottom Bracing (TC5) with channel and support structures all complete as per design and drawings | set | | 90.00 | 89.00 | 81.00 | 128.00 | | | | | | | | | | | |
| 13 | Pole Clamp with Nut, bolt and washers, Top Bracing (TC4) with channel and support structures all complete as per design and drawings | set | | 90.00 | 89.00 | 81.00 | 128.00 | | | | | | | | | | | |
| 14 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1800 mm) | nos. | | 90.00 | 89.00 | 81.00 | 128.00 | | | | | | | | | | | |
| 15 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1900 mm) | nos. | | 403.00 | 399.00 | 362.00 | 576.00 | | | | | | | | | | | |
| 16 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2416 mm) | nos. | | 45.00 | 45.00 | 41.00 | 64.00 | | | | | | | | | | | |
| 17 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2919 mm) | nos. | | 90.00 | 89.00 | 81.00 | 128.00 | | | | | | | | | | | |
| 18 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 3300 mm) | nos. | | 403.00 | 399.00 | 362.00 | 576.00 | | | | | | | | | | | |
| 19 | Strap for Insulator String for 11 kV (100 x 5 x 350 mm) | set | | 269.00 | 266.00 | 241.00 | 384.00 | | | | | | | | | | | |
| 20 | Offset Cross-Arm for Covered Conductor with all accessories complete | set | | 179.00 | 177.00 | 160.60 | 255.80 | | | | | | | | | | | |
| A.2.3 STP Pole and Accessories - Double Circuit | | | | | | | | | | | | | | | | | | |
| 1 | 11 m Steel Tubular Pole | nos. | | 796.00 | 786.00 | 714.00 | 1,137.00 | | | | | | | | | | | |
| 2 | Back Strap | nos. | | 2,150.00 | 2,123.00 | 1,928.00 | 3,070.00 | | | | | | | | | | | |
| 3 | Bolts with suitable nuts and washers (M16 x 100 mm) | nos. | | 9,871.00 | 9,747.00 | 8,854.00 | 14,099.00 | | | | | | | | | | | |
| 4 | Bolts with suitable nuts and washers (M16 x 235 mm) | nos. | | 239.00 | 236.00 | 215.00 | 342.00 | | | | | | | | | | | |
| 5 | Bolts with suitable nuts and washers (M16 x 50 mm) | nos. | | 1,791.00 | 1,769.00 | 1,607.00 | 2,559.00 | | | | | | | | | | | |
| 6 | Disc Type Insulator for 11 kV | set | | 2,150.00 | 2,123.00 | 1,928.00 | 3,070.00 | | | | | | | | | | | |
| 7 | Flat Crossarm Brace 11 kV (50 x 6 x 666 mm) | nos. | | 2,627.00 | 2,594.00 | 2,357.00 | 3,753.00 | | | | | | | | | | | |
| 8 | Insulator Pin for Pin Insulator of 11 kV | set | | 3,582.00 | 3,537.00 | 3,213.00 | 5,117.00 | | | | | | | | | | | |
| 9 | Interconnecting Clamp for MVCC | set | | 478.00 | 472.00 | 429.00 | 683.00 | | | | | | | | | | | |
| 10 | Pin Type Insulator for 11 kV | nos. | | 3,582.00 | 3,537.00 | 3,213.00 | 5,117.00 | | | | | | | | | | | |
| 11 | Pole Clamp with Nut, bolt and washers (TC1) with channel and support structures all complete as per design and drawings | set | | 3,463.00 | 3,420.00 | 3,106.00 | 4,946.00 | | | | | | | | | | | |
| 12 | Pole Clamp with Nut, bolt and washers (TC2) with channel and support structures all complete as per design and drawings | set | | 1,314.00 | 1,297.00 | 1,179.00 | 1,877.00 | | | | | | | | | | | |
| 13 | Pole Clamp with Nut, bolt and washers, Bottom Bracing (TC5) with channel and support structures all complete as per design and drawings | set | | 80.00 | 79.00 | 72.00 | 114.00 | | | | | | | | | | | |
| 14 | Pole Clamp with Nut, bolt and washers, Top Bracing (TC4) with channel and support structures all complete as per design and drawings | set | | 80.00 | 79.00 | 72.00 | 114.00 | | | | | | | | | | | |
| 15 | Preformed Pin Ties, Top Ties | set | | 3,582.00 | 3,537.00 | 3,213.00 | 5,117.00 | | | | | | | | | | | |
| 16 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1600 mm) | nos. | | 40.00 | 40.00 | 36.00 | 57.00 | | | | | | | | | | | |
| 17 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1640 mm) | nos. | | 40.00 | 40.00 | 36.00 | 57.00 | | | | | | | | | | | |
| 18 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 1700 mm) | nos. | | 1,672.00 | 1,651.00 | 1,500.00 | 2,388.00 | | | | | | | | | | | |
| 19 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2500 mm) | nos. | | 956.00 | 944.00 | 857.00 | 1,365.00 | | | | | | | | | | | |
| 20 | Steel Crossarm Channel (100 x 50 x 7.5 x 4.7 x 2610 mm) | nos. | | 80.00 | 79.00 | 72.00 | 114.00 | | | | | | | | | | | |
| 21 | Strap for Insulator String for 11 kV (100 x 5 x 350 mm) | set | | 359.00 | 354.00 | 322.00 | 512.00 | | | | | | | | | | | |
| 22 | Tension Set with Ball and Socket Eye | set | | 2,150.00 | 2,123.00 | 1,928.00 | 3,070.00 | | | | | | | | | | | |
| 23 | Offset Cross-Arm for Covered Conductor with all accessories complete | set | | 318.40 | 314.40 | 285.60 | 454.80 | | | | | | | | | | | |
| A.2.4 Stays | | | | | | | | | | | | | | | | | | |
| 1 | Pole Clamp with Nut, bolt and washers (PC3) with channel and support structures all complete as per design and drawings | set | | - | - | - | - | | | | | | | | | | | |
| 2 | Pole Clamp with Nut, bolt and washers (TC3) with channel and support structures all complete as per design and drawings | set | | 677.00 | 669.00 | 607.00 | 967.00 | | | | | | | | | | | |
| 3 | Bolts with suitable nuts and washers (M16 x 50 mm) | nos. | | 1,354.00 | 1,338.00 | 1,214.00 | 1,934.00 | | | | | | | | | | | |
| 4 | Bolts with suitable nuts and washers (M16 x 100 mm) | nos. | | 1,354.00 | 1,338.00 | 1,214.00 | 1,934.00 | | | | | | | | | | | |
| 5 | Stay Wire, (7/10 SWG minimum) | kg | | 6,770.00 | 6,690.00 | 6,070.00 | 9,670.00 | | | | | | | | | | | |

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 | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | Athbiskot Vampuchaur | | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | Local Currency | | | | Local Currency | Local Currency |
| | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | A | B | C | D | 6 = Σ5 | A | B | C | D | 8 = 4 x 6 | 9 = Σ(π(5 x 7)) | 10 = 8 + 9 | | | |
| 6 | Stay/Guy Insulator | nos. | | 677.00 | 669.00 | 607.00 | 967.00 | | | | | | | | | | | |
| 7 | Stay Turn Buckle including Thimble, (18 SWG minimum) | nos. | | 677.00 | 669.00 | 607.00 | 967.00 | | | | | | | | | | | |
| 8 | Stay I bolt, (12 inch minimum) | nos. | | 677.00 | 669.00 | 607.00 | 967.00 | | | | | | | | | | | |
| 9 | Stay I Rod/Anchor Rod, (minimum 1600 mm) | nos. | | 677.00 | 669.00 | 607.00 | 967.00 | | | | | | | | | | | |
| 10 | Bow set with Thimble | nos. | | 677.00 | 669.00 | 607.00 | 967.00 | | | | | | | | | | | |
| 11 | Stay Grip | nos. | | 677.00 | 669.00 | 607.00 | 967.00 | | | | | | | | | | | |
| 12 | Galvanized Steel Stay Plate for Installation Underground, (600 x 600 x 6 mm minimum) | nos. | | 677.00 | 669.00 | 607.00 | 967.00 | | | | | | | | | | | |
| A.3 Special Components | | | | | | | | | | | | | | | | | | |
| 1 | Power Arc Devices (3 Nos. per set) | set | | 56.00 | 56.00 | 51.00 | 81.00 | | | | | | | | | | | |
| 2 | 13 m Steel Tubular Pole | nos. | | 5.00 | 5.00 | 5.00 | 5.00 | | | | | | | | | | | |
| 3 | 14.5 m Steel Tubular Pole | nos. | | 5.00 | 5.00 | 5.00 | 5.00 | | | | | | | | | | | |

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 | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | Athbiskot Vampuchaur | | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | Local Currency | | | | Local Currency | Local Currency |
| | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | A | B | C | D | 6 = Σ5 | A | B | C | D | 8 = 4 x 6 | 9 = Σ(π(5 x 7)) | 10 = 8 + 9 | | | |
| B. Distribution Transformer and Switchgear Components | | | | | | | | | | | | | | | | | | |
| B.1 Distribution Transformer | | | | | | | | | | | | | | | | | | |
| 1 | 11/0.4kV 5 kVA 1 ph. Distribution Transformer | set | | 25.00 | 24.00 | 17.00 | 37.00 | | | | | | | | | | | |
| 2 | 11/0.4kV 10 kVA 1 ph. Distribution Transformer | set | | 20.00 | 19.00 | 12.00 | 15.00 | | | | | | | | | | | |
| 3 | 11/0.4kV 16 kVA 1 ph. Distribution Transformer | set | | 8.00 | 13.00 | 10.00 | 12.00 | | | | | | | | | | | |
| 4 | 11/0.4kV 25kVA 3 ph. Distribution Transformer | set | | 11.00 | 8.00 | 13.00 | 10.00 | | | | | | | | | | | |
| 5 | 11/0.4kV 50kVA 3 ph. Distribution Transformer | set | | 5.00 | 7.00 | 4.00 | 7.00 | | | | | | | | | | | |
| 6 | 11/0.4kV 100kVA 3 ph. Distribution Transformer | set | | 4.00 | 2.00 | 1.00 | 4.00 | | | | | | | | | | | |
| 7 | 11/0.4kV 200kVA 3 ph. Distribution Transformer | set | | 1.00 | 1.00 | 1.00 | 1.00 | | | | | | | | | | | |
| 8 | 11/0.4kV 300kVA 3 ph. Distribution Transformer | set | | 1.00 | 1.00 | 1.00 | 1.00 | | | | | | | | | | | |
| B.2 Transformer Platform | | | | | | | | | | | | | | | | | | |
| 1 | Transformer Platform for 5 kVA, Single phase Transformer including separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete | set | | 25.00 | 24.00 | 17.00 | 37.00 | | | | | | | | | | | |
| 2 | Transformer Platform for 10 kVA, Single phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete | set | | 20.00 | 19.00 | 12.00 | 15.00 | | | | | | | | | | | |
| 3 | Transformer Platform for 16kVA, Single phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete | set | | 8.00 | 13.00 | 10.00 | 12.00 | | | | | | | | | | | |
| 4 | Transformer Platform for 25 kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete | set | | 11.00 | 8.00 | 13.00 | 10.00 | | | | | | | | | | | |
| 5 | Transformer Platform for 50kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete | set | | 5.00 | 7.00 | 4.00 | 7.00 | | | | | | | | | | | |
| 6 | Transformer Platform for 100 kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete | set | | 4.00 | 2.00 | 1.00 | 4.00 | | | | | | | | | | | |
| 7 | Transformer Platform for 200 kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete | set | | 1.00 | 1.00 | 1.00 | 1.00 | | | | | | | | | | | |
| 8 | Transformer Platform for 300 kVA, 3 phase Transformer including separate separate DO & separate LA Fitting Channels, Clamps, Nutbolts all complete | set | | 1.00 | 1.00 | 1.00 | 1.00 | | | | | | | | | | | |
| B.3 Surge Protection Devices and Accessories | | | | | | | | | | | | | | | | | | |
| 1 | Surge Arrester for Single Phase Transformer Installation | set | | 53.00 | 56.00 | 39.00 | 64.00 | | | | | | | | | | | |
| 2 | 9 kV Surge Arrester | set | | 22.00 | 19.00 | 20.00 | 23.00 | | | | | | | | | | | |
| 3 | Drop Out Fuse of suitable Capacity for Single Phase Transformer Installation | set | | 53.00 | 56.00 | 39.00 | 64.00 | | | | | | | | | | | |
| 4 | Drop Out Fuse of suitable Capacity | set | | 22.00 | 19.00 | 20.00 | 23.00 | | | | | | | | | | | |
| 5 | Outdoor Pole Mounted Distribution Panel Board (with 25A 2P MCCB-1 Nos with Copper Busbars and Hardware) Complete Set | set | | 25.00 | 24.00 | 17.00 | 37.00 | | | | | | | | | | | |
| 6 | Outdoor Pole Mounted Distribution Panel Board (with 50A 2P MCCB-1 Nos with Copper Busbars and Hardware) Complete Set | set | | 20.00 | 19.00 | 12.00 | 15.00 | | | | | | | | | | | |
| 7 | Outdoor Pole Mounted Distribution Panel Board (with 80A 2P MCCB-1 Nos with Copper Busbars and Hardware) Complete Set | set | | 8.00 | 13.00 | 10.00 | 12.00 | | | | | | | | | | | |
| 8 | Outdoor Pole Mounted Distribution Panel Board (with 50A TP MCCB-1 Nos, 32A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set | set | | 11.00 | 8.00 | 13.00 | 10.00 | | | | | | | | | | | |
| 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 | | 5.00 | 7.00 | 4.00 | 7.00 | | | | | | | | | | | |
| 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 | | 4.00 | 2.00 | 1.00 | 4.00 | | | | | | | | | | | |

Name of Tenderer _____

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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 | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | | | |
| | | | | Local Currency | Local Currency | Local Currency | Local Currency | | Local Currency | 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 |
| | | | | A | B | C | D | | A | B | C | D | | | |
| 11 | Outdoor Pole Mounted Distribution Panel Board (with 320A TP MCCB-1 Nos, 160A 4P MCCB-2Nos with Copper Busbars and Hardware) Complete Set | set | | 1.00 | 1.00 | 1.00 | 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 | 1.00 | 1.00 | | | | | | | | |
| 13 | LT PVC Cable, (Al. 2 Core, 35 sq mm, Armored) | m | | 265.00 | 280.00 | 195.00 | 320.00 | | | | | | | | |
| 14 | LT PVC Cable, (Al. 4 Core, 50 sq mm, Armored) | m | | 80.00 | 75.00 | 85.00 | 85.00 | | | | | | | | |
| 15 | LT PVC Cable, (Al. 4 Core, 120 sq mm, Armored) | m | | 20.00 | 10.00 | 5.00 | 20.00 | | | | | | | | |
| 16 | LT PVC Cable, (Al. 4 Core, 300 sq mm, Armored) | m | | 10.00 | 10.00 | 10.00 | 10.00 | | | | | | | | |
| B.4 | Switchgear, Data Instrumentation System and Accessories | | | | | | | | | | | | | | |
| 1 | Load Break Switch | set | | 9.00 | 9.00 | 8.00 | 13.00 | | | | | | | | |
| 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 | | 53.00 | 56.00 | 39.00 | 64.00 | | | | | | | | |
| 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 | | 22.00 | 19.00 | 20.00 | 23.00 | | | | | | | | |
| 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 | | 9.00 | 9.00 | 8.00 | 13.00 | | | | | | | | |

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 | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | | | |
| | | | | 8 = 4 x 6 | 9 = Σ(π(5 x 7)) | | | | 10 = 8 + 9 | | | | | | |
| 1 | 2 | 3 | 4 | 5 | | | | 6 = Σ5 | 7 | | | | 8 = 4 x 6 | 9 = Σ(π(5 x 7)) | 10 = 8 + 9 |
| | A | | | B | C | D | | A | B | C | D | | | | |
| C | 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 | 18.79 | 32.49 | 29.50 | 46.97 | | | | | | | | | |
| 3 | Aerial Bundled Cable with Messenger Cable 3 x 50 + 1 x 35 sq mm | kms | 30.06 | 51.99 | 47.19 | 75.16 | | | | | | | | | |
| 4 | Aerial Bundled Cable with Messenger Cable 3 x 25 + 1 x 25 sq mm | kms | 26.30 | 45.49 | 41.29 | 65.76 | | | | | | | | | |
| 5 | Aerial Bundled Cable with Messenger Cable 2 x 25 sq mm | kms | 56.36 | 55.71 | 50.56 | 80.52 | | | | | | | | | |
| 6 | Overhead ACSR 100 sq mm. with 5% Sag with accessories all complete | kms | 2.00 | 2.00 | 2.00 | 2.00 | | | | | | | | | |
| 7 | Overhead ACSR 50 sq mm. with 5% Sag with accessories all complete | kms | 2.00 | 2.00 | 2.00 | 2.00 | | | | | | | | | |
| 8 | Overhead ACSR 30 sq mm. with 5% Sag with accessories all complete | kms | 2.00 | 2.00 | 2.00 | 2.00 | | | | | | | | | |
| 9 | Mid-Span Cable Connector/Junction Sleeve | set | 300.60 | 519.92 | 471.93 | 751.57 | | | | | | | | | |
| 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 | - | - | - | - | | | | | | | | | |
| 4 | Insulated Piercing Connector | set | - | - | - | - | | | | | | | | | |
| 5 | Angle Plate | set | - | - | - | - | | | | | | | | | |
| 6 | Eye Nut | set | - | - | - | - | | | | | | | | | |
| 7 | Insulated Cable Cap | set | - | - | - | - | | | | | | | | | |
| 8 | Pig Tail with Hexagonal Nuts and Washers (16 x 203 mm) | set | - | - | - | - | | | | | | | | | |
| 9 | Pole Clamp with Nut, Bolt and Washers | set | - | - | - | - | | | | | | | | | |
| 10 | Twisted Double Eye | set | - | - | - | - | | | | | | | | | |
| C.2.2 | STP Pole and Accessories | | | | | | | | | | | | | | |
| 1 | 8 m Steel Tubular Pole | nos. | 3,132.00 | 3,095.00 | 2,810.00 | 4,474.00 | | | | | | | | | |
| 2 | Anchor Assembly for Messenger | set | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | | | | | | | | | |
| 3 | Suspension Assembly for Messenger | set | 2,945.00 | 2,910.00 | 2,642.00 | 4,206.00 | | | | | | | | | |
| 4 | Insulated Piercing Connector | set | 8,018.00 | 7,924.00 | 7,194.00 | 11,454.00 | | | | | | | | | |
| 5 | Angle Plate | set | 627.00 | 619.00 | 562.00 | 895.00 | | | | | | | | | |
| 6 | Insulated Cable Cap | set | 5,012.00 | 4,952.00 | 4,496.00 | 7,159.00 | | | | | | | | | |
| 7 | Pig Tail with Fabricated Eye | set | 3,320.00 | 3,281.00 | 2,979.00 | 4,743.00 | | | | | | | | | |
| 8 | Pole Clamp with Nut, Bolt and Washers | set | 3,947.00 | 3,900.00 | 3,541.00 | 5,638.00 | | | | | | | | | |
| 9 | Twisted Double Eye | set | 1,128.00 | 1,115.00 | 1,012.00 | 1,611.00 | | | | | | | | | |
| C.2.3 | Stays | | | | | | | | | | | | | | |
| 1 | Pole Clamp with Nut, bolt and washers (PC3), with channel and support structures all complete as per design and drawings | nos. | - | - | - | - | | | | | | | | | |
| 2 | Pole Clamp with Nut, bolt and washers (TC3), with channel and support structures all complete as per design and drawings | nos. | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | | | | | | | | | |
| 3 | Bolts with suitable nuts and washers (M16 x 50 mm) | nos. | 2,506.00 | 2,476.00 | 2,248.00 | 3,580.00 | | | | | | | | | |
| 4 | Bolts with suitable nuts and washers (M16 x 100 mm) | nos. | 2,506.00 | 2,476.00 | 2,248.00 | 3,580.00 | | | | | | | | | |
| 5 | Stay Wire, (7/10 SWG minimum) | kg | 12,530.00 | 12,380.00 | 11,240.00 | 17,900.00 | | | | | | | | | |
| 6 | Stay/Guy Insulator | nos. | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | | | | | | | | | |
| 7 | Stay Turn Buckle including Thimble, (18 SWG minimum) | nos. | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | | | | | | | | | |
| 8 | Stay I bolt, (12 inch minimum) | set | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | | | | | | | | | |
| 9 | Stay I Rod/Anchor Rod, (minimum 1600 mm) | nos. | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | | | | | | | | | |
| 10 | Bow set with Thimble | nos. | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | | | | | | | | | |
| 11 | Stay Grip | nos. | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | | | | | | | | | |

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 | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | | Manma Raskot | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | | | |
| 1 | 2 | 3 | 4 | 5 | | | | 6 = Σ5 | 7 | | | | 8 = 4 x 6 | 9 = Σ(π(5 x 7)) | 10 = 8 + 9 |
| | | | | A | B | C | D | | A | B | C | D | | | |
| 12 | Galvanized Steel Stay Plate for Installation Underground, (300 x 300 x 6 mm minimum) | | | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | | | | | | | | |
| C.3 Special Components | | | | | | | | | | | | | | | |
| 1 | 10 m PSC Pole | nos. | | 5.00 | 5.00 | 5.00 | 5.00 | | | | | | | | |
| 2 | 11 m PSC Pole | nos. | | 5.00 | 5.00 | 5.00 | 5.00 | | | | | | | | |
| 3 | 9 m Steel Tubular Pole | nos. | | 5.00 | 5.00 | 5.00 | 5.00 | | | | | | | | |
| 4 | 10 m Steel Tubular Pole | nos. | | 5.00 | 5.00 | 5.00 | 5.00 | | | | | | | | |
| 5 | 11 m Steel Tubular Pole | nos. | | 4.00 | 4.00 | 4.00 | 4.00 | | | | | | | | |
| 6 | 13 m Steel Tubular Pole | | | | | | | | | | | | | | |
| C.4 Tools and Equipment | | | | | | | | | | | | | | | |
| 1 | Flat wrench of different sizes for common bolts | Sets | | 5.00 | 5.00 | 5.00 | 5.00 | | | | | | | | |
| 2 | Torque wrench of different sizes for common bolts | Sets | | 5.00 | 5.00 | 5.00 | 5.00 | | | | | | | | |
| 3 | Pipe wrench for common bolts | Sets | | 5.00 | 5.00 | 5.00 | 5.00 | | | | | | | | |
| 4 | Steel ropes (Pilot wire) 35 sq. mm | m | | 50.00 | 50.00 | 50.00 | 50.00 | | | | | | | | |
| 5 | Pilot wire grips (35 sq. mm) come along clamp | Nos. | | 50.00 | 50.00 | 50.00 | 50.00 | | | | | | | | |
| 6 | Rubber covered rollers, pullies(2,3 keys) | Sets | | 2.00 | 2.00 | 2.00 | 2.00 | | | | | | | | |
| 7 | Portable earthing set (for Transmission line maintenance safety purpose) | Sets | | 5.00 | 5.00 | 5.00 | 5.00 | | | | | | | | |
| 8 | Safety belt | Sets | | 20.00 | 20.00 | 20.00 | 20.00 | | | | | | | | |
| 9 | Line operator's leather gloves | Pairs | | 20.00 | 20.00 | 20.00 | 20.00 | | | | | | | | |
| 10 | Safety helmet with chinstrap and accessories | Sets | | 20.00 | 20.00 | 20.00 | 20.00 | | | | | | | | |
| 11 | Insulation tester (10000 V) suitable for outdoor line testing purpose | Nos. | | 5.00 | 5.00 | 5.00 | 5.00 | | | | | | | | |
| 12 | Earth resistivity tester | Nos. | | 5.00 | 5.00 | 5.00 | 5.00 | | | | | | | | |
| 13 | Earthing resistance tester | Nos. | | 5.00 | 5.00 | 5.00 | 5.00 | | | | | | | | |
| 14 | Double sheeve pulley block 5 MT capacity with all accessories | Sets | | 1.00 | 1.00 | 1.00 | 1.00 | | | | | | | | |
| 15 | Sagging Winch 10 MT capacity hand operated | Sets | | 1.00 | 1.00 | 1.00 | 1.00 | | | | | | | | |
| 16 | Grip suitable for ACSR DOG/RABBIT/WEASEL Conductor | Sets | | 5.00 | 5.00 | 5.00 | 5.00 | | | | | | | | |
| 17 | Grip suitable for ADSS Cable | Sets | | 5.00 | 5.00 | 5.00 | 5.00 | | | | | | | | |
| 18 | Grip suitable for ABC Cable | Sets | | 5.00 | 5.00 | 5.00 | 5.00 | | | | | | | | |
| 19 | Safety Ladder for Distribution System Operation | Sets | | 5.00 | 5.00 | 5.00 | 5.00 | | | | | | | | |
| 20 | One Set of complete tools for Maintenance/Replacement Works of Aerial Bunched Cable | Sets | | 5.00 | 5.00 | 5.00 | 5.00 | | | | | | | | |

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. 3: Design Services (Excluding VAT applicable in Employer's Country)

0 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 | | - | - |

Name of Tenderer _____

Signature of Tenderer _____




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

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

| 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 | 385.96 | | | - | - |
| 2 | As Built Drawings, Testing and Commissioning of 11kV Line as per the scope of the project | kms | 385.96 | | | - | - |
| 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 | 296.00 | | | - | - |
| 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 | 296.00 | | | - | - |
| 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 | 39.00 | | | - | - |
| 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 | 39.00 | | | - | - |
| C. Low Tension Lines | | | | | | | |
| 1 | Preconstruction Survey, Design and Drawings of Low Tension Line as per the scope of the project | kms | 526.35 | | | - | - |

Name of Tenderer _____

Signature of Tenderer _____




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

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

| 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 |
| 2 | As Built Drawings, Testing and Commissioning of Low Tension Line as per the scope of the project | kms | 526.35 | | | - | - |

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)

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 | | |
| Grand Total to be carried forward to Schedule 5 | | - | - |

Name of Tenderer _____

Signature of Tenderer _____




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

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

LC: NPR

| Item | Description | Unit | Quantity | | | | Total Quantity | Unit Price, Local Currency | | | | Total Price | |
|------------|--|------|----------------------|---------------------|--------------|--------------|----------------|----------------------------|---------------------|--------------|--------------|-------------|-----------------|
| | | | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | | Local Currency |
| | | | A | B | C | D | | A | B | C | D | | 7 = Σ(π(4 x 6)) |
| A | 11 kV Lines | | | | | | | | | | | | |
| A.1 | Conductors | | | | | | | | | | | | |
| 1 | Stringing of Covered Conductor (XLPE insulated, 100 sq.mm. AAC) | kms | 281.82 | 278.53 | 252.82 | 402.62 | 1,215.78 | | | | | | |
| A.2 | Poles and accessories | | | | | | | | | | | | |
| 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. | 1,691.00 | 1,671.00 | 1,517.00 | 2,416.00 | 7,295.00 | | | | | | |
| 3 | Stay sets, with stay wire, rod, ties & insulator all complete including transportation to site. | set | 677.00 | 669.00 | 607.00 | 967.00 | 2,920.00 | | | | | | |
| 4 | 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 | 1,492.75 | 1,475.09 | 1,339.15 | 2,132.75 | 6,439.73 | | | | | | |
| A.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 | 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 | | | | | | |
| A.4 | Reconductoring Works | | | | | | | | | | | | |
| 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 | 50.00 | 10.00 | 80.00 | | | | | | |
| 3 | Reconnection Works of Service Cable (Three Phase) | set | 10.00 | 10.00 | 20.00 | 10.00 | 50.00 | | | | | | |
| A.5 | Special Components | | | | | | | | | | | | |
| 1 | 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 | 5.00 | 5.00 | 20.00 | | | | | | |
| 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 | 5.00 | 5.00 | 20.00 | | | | | | |
| 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 | 18.41 | 18.41 | 73.64 | | | | | | |

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 | |
|------------|--|------|----------------------|---------------------|--------------|--------------|----------------|----------------------------|---------------------|--------------|--------------|-------------|-----------------|
| | | | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | | Local Currency |
| | | | A | B | C | D | | A | B | C | D | | 7 = Σ(π(4 x 6)) |
| B | 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 | 25.00 | 24.00 | 17.00 | 37.00 | 103.00 | | | | | - | |
| 2 | Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete - 10 kVA, single phase | set | 20.00 | 19.00 | 12.00 | 15.00 | 66.00 | | | | | - | |
| 3 | Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete - 16 kVA, single phase | set | 8.00 | 13.00 | 10.00 | 12.00 | 43.00 | | | | | - | |
| 4 | Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete - 25 kVA, 3 phase | set | 11.00 | 8.00 | 13.00 | 10.00 | 42.00 | | | | | - | |
| 5 | Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete - 50 kVA, 3 phase | set | 5.00 | 7.00 | 4.00 | 7.00 | 23.00 | | | | | - | |
| 6 | Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete - 100 kVA, 3 phase | set | 4.00 | 2.00 | 1.00 | 4.00 | 11.00 | | | | | - | |
| 7 | Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete - 200 kVA, 3 phase | set | 1.00 | 1.00 | 1.00 | 1.00 | 4.00 | | | | | - | |
| 8 | Transformer Installation and Commissioning including Platform, Distribution Panel Board & Cable all complete - 300 kVA, 3 phase | set | 1.00 | 1.00 | 1.00 | 1.00 | 4.00 | | | | | - | |
| | | | | | | | - | | | | | - | |
| B.2 | Switchgear and Accessories | | | | | | - | | | | | - | |
| 1 | Surge Arrester Installation and Commissioning all complete | set | 75.00 | 75.00 | 59.00 | 87.00 | 296.00 | | | | | - | |
| 2 | Drop-Out Fuse Installation and Commissioning all complete | set | 75.00 | 75.00 | 59.00 | 87.00 | 296.00 | | | | | - | |
| 3 | Installation of MCCB in Single Phase Transformers (upto 150 A) | set | 53.00 | 56.00 | 39.00 | 64.00 | 212.00 | | | | | - | |
| 4 | Installation of 3 phase MCCB (upto 350 A) | set | 21.00 | 18.00 | 19.00 | 22.00 | 80.00 | | | | | - | |
| 5 | Installation of 3 phase MCCB (above 350 A) | set | 1.00 | 1.00 | 1.00 | 1.00 | 4.00 | | | | | - | |
| 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 | 75.00 | 75.00 | 59.00 | 87.00 | 296.00 | | | | | - | |
| 7 | Supply, Installation and Commissioning of Data Instrumentation System all complete - Single Phase | set | 53.00 | 56.00 | 39.00 | 64.00 | 212.00 | | | | | - | |
| 8 | Supply, Installation and Commissioning of Data Instrumentation System all complete - 3 phase | set | 22.00 | 19.00 | 20.00 | 23.00 | 84.00 | | | | | - | |
| 9 | Installation and Commissioning of Load Break Switches | set | 9.00 | 9.00 | 8.00 | 13.00 | 39.00 | | | | | - | |
| 10 | Supply, Installation and Commissioning of Data Instrumentation System all complete for Load Break Switches | set | 9.00 | 9.00 | 8.00 | 13.00 | 39.00 | | | | | - | |

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 | |
|------------|--|------|----------------------|---------------------|--------------|--------------|----------------|----------------------------|---------------------|--------------|--------------|-------------|----------------|
| | | | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | | Athbiskot Vampuchaur | Chhedabazar Badaban | Kudu Samaila | Manma Raskot | | Local Currency |
| | | | A | B | C | D | | 5 = Σ4 | 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 120 + 1 x 70 sq mm | kms | - | - | - | - | - | - | - | - | - | - | |
| 2 | Aerial Bundled Cable with Messenger Cable 3 x 95 + 1 x 70 sq mm | kms | 18.79 | 32.49 | 29.50 | 46.97 | 127.75 | | | | | - | |
| 3 | Aerial Bundled Cable with Messenger Cable 3 x 50 + 1 x 35 sq mm | kms | 30.06 | 51.99 | 47.19 | 75.16 | 204.40 | | | | | - | |
| 4 | Aerial Bundled Cable with Messenger Cable 3 x 25 + 1 x 25 sq mm | kms | 26.30 | 45.49 | 41.29 | 65.76 | 178.85 | | | | | - | |
| 5 | Aerial Bundled Cable with Messenger Cable 2 x 25 sq mm | kms | 56.36 | 55.71 | 50.56 | 80.52 | 243.16 | | | | | - | |
| 6 | Overhead ACSR 100 sq mm. with 5% Sag with accessories all complete | kms | 2.00 | 2.00 | 2.00 | 2.00 | 8.00 | | | | | - | |
| 7 | Overhead ACSR 50 sq mm. with 5% Sag with accessories all complete | kms | 2.00 | 2.00 | 2.00 | 2.00 | 8.00 | | | | | - | |
| 8 | Overhead ACSR 30 sq mm. with 5% Sag with accessories all complete | kms | 2.00 | 2.00 | 2.00 | 2.00 | 8.00 | | | | | - | |
| | | | | | | | | | | | | - | |
| C.2 | Poles and accessories | | | | | | | | | | | | |
| 1 | Hardware and transportation of 9m long PSC Pole including erection - excavation of footing, making pole vent, placing in 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. | 3,132.00 | 3,095.00 | 2,810.00 | 4,474.00 | 13,511.00 | | | | | - | |
| 3 | Stay sets, with stay wire, rod, ties & insulator all complete including transportation to site. | set | 1,253.00 | 1,238.00 | 1,124.00 | 1,790.00 | 5,405.00 | | | | | - | |
| 4 | Providing and laying of plain cement concrete (PCC) M15 (manual mixed) in foundation complete as per drawing and technical specifications for 9 m STP. | cum | 2,158.07 | 2,132.58 | 1,936.20 | 3,082.76 | 9,309.62 | | | | | - | |
| 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 | | | | | - | |
| | | | | | | | | | | | | - | |
| C.4 | Reconductoring Works | | | | | | | | | | | | |
| 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 | | | | | - | |
| | | | | | | | | | | | | - | |
| C.5 | Special Components | | | | | | | | | | | | |
| 1 | Hardware and transportation of 10 m long PSC 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 | | | | | - | |
| 2 | Hardware and transportation of 11 m long PSC 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 | | | | | - | |
| 3 | 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 | | | | | - | |
| 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 | set | 5.00 | 5.00 | 5.00 | 5.00 | 20.00 | | | | | - | |
| 5 | 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 | set | 4.00 | 4.00 | 4.00 | 4.00 | 16.00 | | | | | - | |
| 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 | 2.00 | 2.00 | 8.00 | | | | | - | |
| 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 | 9.48 | 9.48 | 37.92 | | | | | - | |

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 per the ESMP Reports and as assigned by Client. | lot | | |

Name of Tenderer _____

Signature of Tenderer _____




