

NEPAL ELECTRICITY AUTHORITY

(An Undertaking of Government of Nepal)
Project Management Directorate



LALITPUR-BHAKTAPUR DISTRIBUTION SYSTEM REINFORCEMENT PROJECT

*A component of
SASEC Power Transmission and Distribution System Strengthening Project*

BIDDING DOCUMENT FOR

**Procurement of Plant
for**

**Design, Supply, Installation and Commissioning of Underground Distribution Network
under Lagankhel, Pulchowk, Bhaktapur and Thimi Distribution Center including
Reinforcement and Automation**

Single-Stage, Two-Envelope

Bid Price Schedule

Issued on:	26 July 2020
Invitation for Bids No.:	PMD/PTDSSP/LBDSRP-076/77-01
OCB No.:	PMD/PTDSSP/ LBDSRP-076/77-01
Employer:	Nepal Electricity Authority
Country:	Nepal

VOLUME –III OF III

July 2020

LALITPUR-BHAKTAPUR DISTRIBUTION SYSTEM REINFORCEMENT PROJECT
Project Management Directorate
NEA Training Centre Complex, Kharipati
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Table of Contents

Section IV Price Schedule

Note:

- 1) Bidder is required to quote prices in this Schedule for all the individual items/sub-items.
- 2) The Prices of equipment's are inclusive of type test.
- 3) BOQ given is indicative only based on the scope of work as given in Employer's Requirements. The quantities mentioned above may undergo change during detailed engineering to meet the functional requirement and scope of work defined in Employer's Requirements. The Contractor shall prepare and submit the final BOQ within 90 days of signing of Contract.



NEPAL ELECTRICITY AUTHORITY
PROJECT MANAGEMENT DIRECTORATE
LALITPUR-BHAKTAPUR DISTRIBUTION SYSTEM REINFORCEMENT PROJECT
BID PRICE SCHEDULE

Power Transmission and Distribution System Strengthening Project (PTDSSP)

PMD/PTDSSP/LBDSRP-076/77-01: Design, Supply, Installation and Commissioning of Underground Distribution Network under Lagankhel, Pulchowk, Bhaktapur and Thimi Distribution Center including Reinforcement and Automation

FC: Foreign Currency

Schedule No.1: Plant and Equipment including Mandatory Spares to be supplied from abroad

LC: Local Currency

Item No.	Item description	Country of origin	Estimated		CIP Project Site including insurance, clearing, forwarding and transportation to site (Excluding Taxes and Duties applicable in Nepal)			Total Amount (Excluding Taxes and Duties)	Custom, VAT and other taxes
			Unit	Quantity	FC			FC	LC
					Currency#	Unit Rate	Amount		
1	2	3	4	5	6	7	8 = (7) x (5)	9=8	10
PART 1									
	Part-A : EMPLOYER ASSESSED QUANTITIES								
A	Steel Tubular Poles as per Technical Specification								
1.0	Full Galvanized Steel Tubular Pole 11.0 M Long		Nos.	200					
2.0	Full Galvanized Steel Tubular Pole 9.0 M Long		Nos.	200					
B	Cables								
1	HT Cables along with Straight Jointing Kit, Outdoor & Indoor Termination Kit and other accessories as per Technical Specification								
1.1	3-Core, 400 mm ² , 11 kV, XLPE Armoured Aluminum cable		Km	180					
1.2	3-Core 300 mm ² , 11 kV, XLPE Armoured Aluminum cable		Km	50					
1.3	3-Core, 150 mm ² , 11 kV, XLPE Armoured Aluminum cable		Km	10					
2	HT AB Cables along with Straight Jointing Kit, Outdoor & Indoor Termination Kit and other accessories as per Technical Specification								
2.1	3-Core, 150 mm ² , 11 kV cable		Km	100					
3	LT Cables along with terminal and necessary accessories per Technical Specification								
3.1	LT XLPE Cable, Single Core, 630 mm ² , Aluminum Cable		Km	12					
3.2	LT XLPE Armoured 3.5 Core, 300 mm ² Aluminum Cable		Km	155					
3.3	LT XLPE Armoured 3.5 Core, 185 mm ² Aluminum Cable		Km	155					
4	LT AB Cables along with Straight Jointing Kit, Outdoor & Indoor Termination Kit, Connectors and other accessories (as per Technical Specification)								
4.1	120 mm ² cable (3*120+1*95+1*16 sq.mm)		Km	60					
4.2	95 mm ² cable (3*95+1*95+1*16 sq.mm)		Km	60					



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1	2	3	4	5	6	7	8 = (7) x (5)	9=8	10
C	GO Switch with accessories								
1.1	11 KV 400 Amps. GO Switch complete with handle, pipe & Supporting Channel complete.		Set	60					
1.2	Motor & other control arrangement for remote and local operation with all accessories		Set	60					
1.3	Communication arrangement along with FRTU and Power Supply (AC/DC) system suitable for integration with SCADA system		Set	60					
D	Distribution Transformers as per Technical Specification								
1	3-PHASE DISTRIBUTION TRANSFORMERS								
1.1	300 kVA		Nos.	180					
1.2	200 kVA		Nos.	120					
2	11kV 3 phase Dropout fuse set with all accessories		Set	300					
E	9 kV LA (3 Nos. in 1 Set) set with all accessories		Set	100					
F	RMU (Ring Main Units) including MS Galvanized Steel Supporting Base Structures								
1	Outdoor type 11 KV SF6 type extensible and motorized 5 way smart Ring Main Unit (RMU) complete with two VCB and three LBS with FRTU and FPI		Set	20					
2	Outdoor type 11 KV SF6 type extensible and motorized 4 way smart Ring Main Unit (RMU) complete with two VCB and two LBS with FRTU, and FPI		Set	20					



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1	2	3	4	5	6	7	8 = (7) x (5)	9=8	10
3	Outdoor type 11 KV SF6 type extensible and motorized 3 way smart Ring Main Unit (RMU) complete with two VCB and one LBS with FRTU, and FPI		Set	70					
4	Outdoor type 11 KV SF6 type extensible and motorized 3 way smart Ring Main Unit (RMU) complete with all one VCB and 2 LBS with FRTU and FPI		Set	70					
5	Outdoor type 11 KV SF6 type extensible and motorized one way smart Ring Main Unit (RMU) complete with LBS and with FPI		Set	20					
G	LT Feeder Pillar including MS Galvanized Steel Supporting Base Structure								
1	5- way Distribution feeder pillar with 1 no ACB, 4 pole, 3phase, 415v, 800 Amps for incoming and 4 nos outgoing MCCBs (200A, 300A, 300A, 400A) 4 pole, 3phase, 415v, metering arrangement on incomer suitable for outdoor installation, in accordance with Technical Specification (TYPE A)		Set	10					
2	5- way Distribution feeder pillar with 1 no ACB , 4 pole, 3phase, 415v, 600 Amps for incoming and 4 nos outgoing MCCBs (200A, 200A, 300A, 300A) 4 pole, 3phase, 415v, metering arrangement on incomer suitable for outdoor installation, in accordance with Technical Specification, (TYPE B)		Set	10					
3	5- way Distribution feeder pillar with 1 no ACB , 4 pole, 3phase, 415v , 800 Amps for incoming and 4 nos outgoing MCCBs (200A, 200A, 300A, 300A) 4 pole, 3phase, 415v , metering arrangement on incomer suitable for outdoor installation , in accordance with Technical Specification. (TYPE C)		Set	50					
4	6- way Distribution feeder pillar with 1 no MCCB , 4 pole, 3phase, 415 v, 500 Amps for incoming and 5 nos outgoing MCCBs 4 pole, 3phase, 415 v, 200 Amps rating each, along with LT CTs and Multifunction Meter for Metering arrangement, suitable for outdoor installation in accordance with Technical Specification. (TYPE D1)		Set	120					



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1	2	3	4	5	6	7	8 = (7) x (5)	9=8	10
5	6– way Distribution feeder pillar with 1 no MCCB , 4 pole, 3phase, 415 v, 400 Amps for incoming and 5 nos outgoing MCCBs 4 pole, 3phase, 415 v, 200 Amps rating each, along with LT CTs and Multifunction Meter for Metering arrangement, suitable for outdoor installation in accordance with Technical Specification. (TYPE D2)		Set	110					
6	5– way Distribution feeder pillar with 5 nos outgoing MCCB 4 pole, 3phase, 415 v, 200 Amps rating each, suitable for outdoor installation in accordance with Technical Specification. (TYPE D3)		Set	170					
7	3 phase, 4 Pole, 415 v, Distribution Service Pillar for LT, 150 Amps incoming MCCB; 1 no. with busbars for upto 30 connection distribution service pillar suitable for outdoor installation, in accordance with Technical Specification. (TYPE E)		Set	1200					
H	Optical Fiber								
(i)	BOQ of UGFO Cabling								
1	Unarmoured Underground Fiber Optic Cable, DWSM								
1.1	(a) 96-Fibers		Km	120					
1.2	(a) 24-Fibers		Km	10					
2	Joint Box for UGFO								
2.1	96 Fibers		Set	60					
2.2	24 Fibers		Set	240					
(ii)	BOQ of ADSS Cabling								
1	DWSM ADSS Fiber Optic Cable								
1.1	96 Fibers		Km	100					
1.2	24 Fibers		Km	10					
2	Installation Hardware set for above 96F ADSS Fibre Optic cabling including all cable fittings & accessories except joint box (One set of installation hardware shall contain all installation hardware fittings as may be required for 1 km of Aerial/ Approach Fibre Optic cabling. (details of HW fittings as per Technical Specifications))		Set	100					



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1	2	3	4	5	6	7	8 = (7) x (5)	9=8	10
3	Installation Hardware set for above 24F ADSS Fibre Optic cabling including all cable fittings & accessories except joint box (One set of installation hardware shall contain all installation hardware fittings as may be required for 1 km of Aerial/ Approach Fibre Optic cabling. (details of HW fittings as per Technical Specifications))		Set	10					
4	Joint Box for ADSS Fiber Optic								
4.1	96 Fibers		Set	50					
4.2	24 Fibers		Set	60					
(iii)	FODP & FMS with Splicing & Patching Trays, FCPC coupling and pig tails (5 mtrs each), Patch Chords as per Site Requirement								
1	Cabinet for FODP (2200x600x600mm)		No.	5					
2	FODP Sub Rack (24F), 1U		No.	4					
3	FODP Sub Rack (48F), 2U		No.	18					
4	FMS Wall mount - 24F		No.	2					
5	FMS Rack mount - 24F		No.	20					
6	FMS Wall mount - 96F		No.	2					
7	FMS Rack mount - 96F		No.	40					
8	FMS Wall mount - 144F		No.	2					
9	FMS Rack mount - 144F		No.	40					
10	FMS Ground mount (Outdoor) - 96F		No.	2					
11	FMS Ground mount (Outdoor)- 144F		No.	2					
(iv)	TEST EQUIPMENT								
1	OTDR (Optical Time Domain Reflectometer) for 1310/1550 nm with laser source.		No.	1					
2	Optical Attenuators (variable 1310/1550nm).		No.	1					
3	Optical Power meter (1310/1550nm) with Laser Source.		No.	1					
4	Laser Light Source (1310 /1550 nm).		No.	1					
5	Optical Fibre Fusion Splicer incl. Fibre cleaver		No.	1					
6	Splice kit		No.	1					
7	Optical test accessory kit including all necessary connectors, adaptors, cables, terminations and other items required for testing		No.	1					



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(v)	PLB-HDPE (Permanently Lubricated High Density Poly Ethylene) pipe 40 mm. dia pipe for laying optical Fiber Cable.		Km	240					
I	Telecom Equipments								
1	SDH Equipment (STM-4 MADM upto 5 MSP protected directions)								
(i)	Base Equipment (Common cards, Cross Connect/control cards, optical base cards, power supply cards, power cabling, other hardware and accessories including sub racks, patch cord etc fully equiped excluding (ii) & (iii) below		Nos.	11					
(ii)	Optical Interface Cards/SFP#								
a	S4.1 SFP		Nos.	16					
b	S1.1 SFP			64					
(iii)	Tributary cards								
a	Ethernet Interface 10/100 Base T with Layer-2 switching (Min 8 Interfaces per card)		Nos.	5					
(iv)	Equipment Cabinet		Nos.	11					
2	1 RU (Rack Unit) SDH Equipment (STM- 1 MADM)								
(i)	1 RU STM-1 Base Equipment Equipped with 4X STM-1 Interface with redundant Crossconnect and Redundant AC Power Supply cards along with Common cards power cabling, other hardware & accessories including sub-racks, patch cords, . fully equipped excluding (II) and (III) below)		Nos.	240					
(ii)	Optical Interface Cards/SFP#								
a	S1.1 SFP		Nos.	480					
(iii)	Tributary cards								
a	Ethernet Interface 10/100 Base T with Layer-2 switching (Min 4 Interfaces per card)		Nos.	240					
3	Auxiliary Power Supply Equipments								
(i)	SMPS based 48V DC Power Supply (DCPS) system								
a	25 A		No.	2					
(ii)	VRLA type Battery bank for above DCPS system								
a	25 A, 300 AH		No.	2					



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4	Network Management System								
(i)	Network Manager & Element Manager System								
	a Hardware		Set	1					
	b Printer (Laser Jet)		No.	1					
(ii)	TMN for Craft Terminal (NMS)								
	a Hardware		Set	6					
(iii)	Software for Network Manager & Element Manager System and TMN for Craft Terminal (NMS)		Lot	1					
5	Test Equipment								
	a SDH Analyser with Jitter and Wander Options		No.	1					
	b Handheld 2Mbps BER Tester		No.	1					
	c Digital Multimeter		No.	1					
	d Ethernet Tester (with dual port, 10/100 ports Mbps Ethernet option, layer 1 & layer-2 functionality)		No.	1					
J	Pipes								
	1.0 HDPE pipe 125 mm dia. (PN6)		Km	310					
	2.0 HDPE pipe 160 mm dia. (PN6)		Km	360					
	3.0 GI pipe 150mm dia., 5.4mm thick high grade for crossing		Km	8					
K	M.S. Galvanized Items								
	1.0 Fabrication and Supply of M.S. Galvanized items- Pole Top Bracket/hamper, Channel/angle, clamps, stay sets complete including stay insulator, D-Strap, structure for mounting of Transformer, DO switch, MS flat for knee bracing, MS Flat, various size of angle & channel etc. complete as required for complete scope of work.		MT	17					
	1.1 GI Nuts & Bolts with Washers (plain and spring)		MT	2					
L	Interbranch metering units (CT, PT, control cable and other accessories) along with separate enclosure suitable to be mounted on the RMU or Poles		Set	20					



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M	Service Cables (Armored, XLPE and Multi-Stranded) along with Connectors and Flexible PVC Pipe as per Technical Specification								
1.1	Service Cable along with connectors, and all accessories required for connection of meter to service pillar (single phase 16 A)		Consumer	9000					
1.2	Service Cable along with connection and all accessories required for connection of meter to service pillar (single phase 30 A)		Consumer	5250					
1.3	Service Cable along with connector and all accessories required for connection of meter to service pillar (single phase 60 A)		Consumer	750					
1.4	Service Cable along with connector and all accessories required for connection of meter to service pillar (3 phase phase upto 25 kVA)		Consumer	1875					
1.5	Service Cable along with connector and all accessories required for connection of meter to service pillar (3 phase phase 25 to 50 kVA)		Consumer	1125					
	Sub-Total Part-A								
	Part-B: CONTRACTOR ASSESSED QUANTITIES								
1	Erection Hardware and insulators								
1.1	Bus-bar materials, cable clamps, spacers, connectors, Junction box, all accessories etc for underground cables.		LS	1					
1.2	Erection hardware, cable clamps, rollers, connectors, Junction box, all accessories etc for AB cables.		LS	1					
1.3	Insulators (Disc and Pin type) for DTs installation		LS	1					
1.4	Earthing								
1.4.1	Rod Earthing along with PVC insulated wire with cable lugs		LS	1					
1.4.2	Earthing with GI Flat Strip 25x6 mm		LS	1					
2	Danger Plate Enameled		LS	1					
3	Number Plate Enameled		LS	1					
4	Phase Plate for each phase set of 3		LS	1					



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5	HT & LT Cable Route Marker and Straight Joint marker (MS and painted)		LS	1					
Sub-Total Part-B									
Part-C: Mandatory Spares									
A HT Cables as per Technical Specification									
1	3-Core, 400 mm ² 11 kV XLPE Armoured Aluminum Cable		Km	4					
2	3-Core 300 mm ² 11 kV XLPE Armoured Aluminum Cable		Km	2					
3	3-Core 150 mm ² 11 kV XLPE Armoured Aluminum Cable		Km	1					
B HT AB Cables as per Technical Specification									
1	3-Core 150 mm ² 11 kV cable		Km	4					
C LT Cables as per Technical Specification									
1	LT XLPE Cable Single Core 630 sq. mm. Aluminum Cable		Km	1					
2	LT XLPE Armoured 3.5 Core, 300 sq.mm. Aluminum Cable		Km	2					
3	LT XLPE Armoured 3.5 Core, 185 sq.mm. Aluminum Cable		Km	2					
D LT AB Cables as per Technical Specification									
1	120 mm ² cable (3*120+1*95+1*16 sq.mm)		Km	4					
E Mandatory Spare List for RMU									
1.0	Bushing of each rating with metal parts & gaskets and lifting tools		Set	20					
2.0	VCB of each rating and each make		Nos	10					
3.0	LBS of each rating and each make		Nos	10					
4.0	Starters, contactors, switches & relays for electrical control panels (One set of each type)		Lot	4					
5.0	Overcurrent and earthfault relay		Set	10					



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6.0	Power supply unit		Set	10					
F	Spare for Gang Operated (GO) Switch								
1	Complete pole of each type & rating complete with operating mechanism		Nos.	10					
2	Opening coil assembly as applicable		Sets	20					
3	Closing coil assembly as applicable .		Sets	20					
4	Auxiliary switch assembly of each type		lot	4					
G	Spares for LT Feeder Pillars								
1	Complete set of Air circuit breaker of each rating and each make		Sets	12					
2	MCCB of each type and rating and each make		Lot	16					
H	HT & LT Cable Route Marker and Straight Joint marker 5% of used Number								
			LS	1					
I	Spares for Fibre Optics & Communication devices								
(i)	Mandatory Spares for UGFO								
1	Unarmoured Underground Optical Fiber Cable - 96 Fibers DWSM		km	4					
2	Joint Box for UGFO - 96 Fibers		No.	4					
3	Unarmoured Underground Optical Fibre Cable - 24 Fibers , DWSM		Km	1					
4	Joint Box for UGFO - 24 Fibers		No.	2					
(ii)	Mandatory Spares for ADSS Cabling								
1	96F (DWSM) ADSS Fibre Optic Cable including all cable fittings & accessories except joint box		Km.	4					
2	Installation Hardware set for above 96F ADSS Fibre Optic cabling including all cable fittings & accessories except joint box (One set of installation hardware shall contain all installation hardware fittings as may be required for 1 km of Aerial/ Approach Fibre Optic cabling. (details of HW fittings as per Technical Specifications)		Set	4					
3	Joint Box for ADSS -96 fibres		No.	4					



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BID PRICE SCHEDULE

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PMD/PTDSSP/LBDSRP-076/77-01: Design, Supply, Installation and Commissioning of Underground Distribution Network under Lagankhel, Pulchowk, Bhaktapur and Thimi Distribution Center including Reinforcement and Automation

FC: Foreign Currency

Schedule No.1: Plant and Equipment including Mandatory Spares to be supplied from abroad

LC: Local Currency

Item No.	Item description	Country of origin	Estimated		CIP Project Site including insurance, clearing, forwarding and transportation to site (Excluding Taxes and Duties applicable in Nepal)			Total Amount (Excluding Taxes and Duties)	Custom, VAT and other taxes
			Unit	Quantity	FC			FC	LC
					Currency#	Unit Rate	Amount		
1	2	3	4	5	6	7	8 = (7) x (5)	9=8	10
4	24F (DWSM) ADSS Fibre Optic Cable including all cable fittings & accessories except joint box		Km.	1					
5	Installation Hardware set for above 24F ADSS Fibre Optic cabling including all cable fittings & accessories except joint box (One set of installation hardware shall contain all installation hardware fittings as may be required for 1 km of Aerial/ Approach Fibre Optic cabling. (details of HW fittings as per Technical Specifications)		Set	1					
6	Joint Box for ADSS -24 fibres		No.	2					
(iii)	SDH Equipment (STM-4 MADM upto 5 MSP protected directions)								
	Common cards, Cross-connect/control cards, Optical base card, Power supply cards, power cabling, other hardware & accessories (each).		Set	1					
a	Optical Interface Cards/SFP#								
1	S4.1 SFP		Nos.	2					
2	S1.1 SFP		Nos.	3					
b	Tributary cards								
1	Ethernet Interface 10/100 Base T with Layer-2 switching (Min 8 Interfaces per card)		Nos.	1					
(iv)	1 RU (Rack Unit) SDH Equipment (STM- 1 MADM)								
	1 RU STM-1 Base Equipment Equipped with 4X STM-1 Interface with redundant Crossconnect and Redundant AC Power Supply cards along with Common cards power cabling, other hardware & accessories patch cords, . fully equipped		Set	8					
a	Optical Interface Cards/SFP#								
1	S1.1 SFP		Nos.	15					
b	Tributary cards								
1	Ethernet Interface 10/100 Base T with Layer-2 switching (Min 4 Interfaces per card)		Nos.	8					
(v)	Mandatory Spares for Auxiliary Power Supply Equipments								



NEPAL ELECTRICITY AUTHORITY
PROJECT MANAGEMENT DIRECTORATE
LALITPUR-BHAKTAPUR DISTRIBUTION SYSTEM REINFORCEMENT PROJECT

BID PRICE SCHEDULE

Power Transmission and Distribution System Strengthening Project (PTDSSP)

PMD/PTDSSP/LBDSRP-076/77-01: Design, Supply, Installation and Commissioning of Underground Distribution Network under Lagankhel, Pulchowk, Bhaktapur and Thimi Distribution Center including Reinforcement and Automation

FC: Foreign Currency

Schedule No.1: Plant and Equipment including Mandatory Spares to be supplied from abroad

LC: Local Currency

Item No.	Item description	Country of origin	Estimated		CIP Project Site including insurance, clearing, forwarding and transportation to site (Excluding Taxes and Duties applicable in Nepal)			Total Amount (Excluding Taxes and Duties)	Custom, VAT and other taxes
			Unit	Quantity	FC			FC	LC
					Currency#	Unit Rate	Amount		
1	2	3	4	5	6	7	8 = (7) x (5)	9=8	10
a	MCCB/MCB-2P/ Contactor/ Timer/ Relay of each type & rating (as applicable)		Set	1					
b	Single Pole MCBs (for outgoing DC Feeders)		Nos.	1					
c	Electronic Printed Circuit Board / Card of each type (all cards/module including SMPS Module, DC Power Supply Controller, various interface cards etc.)		Set	1					
(vi)	FRTUs of used type, 5% each type		LS	1					
J	Connector and Clamps 5% of used quantity		LS	1					
	Sub-Total Part-C								
	Total For PART 1 DC [(Part-A+ Part-B+ Part C)]								
	Total for Schedule 1 (Total of column 9 to be carried forward to Schdule 5: Grand Summary)								

Note : 1.) Bidder is required to quote prices in this Schedule for all the individual items/sub-items.

2.) The Prices of equipments are inclusive of type test charges.

3.) BOQ given above is indicative only based on the scope of work as given in Employer's Requirements. The quantities mentioned above may undergo change during detailed engineering to meet the functional requirement and scope of work defined in Employer's Requirements.

4.) The bidders are required to quote their price including all taxes and duties applicable in their country / Country of origin, & all business taxes, income taxes (TDS etc) applicable in Nepal. The quoted price shall be exclusive of taxes and duties applicable in Nepal like Custom, VAT etc.

Specify currency in accordance with ITB 19.1 of the BDS.

* Strike-out whichever is not applicable.

Name of Bidder:

Date:

Signature of Bidder:

(Printed Name)

(Designation)

(Common Seal)



NEPAL ELECTRICITY AUTHORITY
PROJECT MANAGEMENT DIRECTORATE
LALITPUR-BHAKTAPUR DISTRIBUTION SYSTEM REINFORCEMENT PROJECT
BID PRICE SCHEDULE

Power Transmission and Distribution System Strengthening Project (PTDSSP)

PMD/PTDSSP/ LBDSRP-076/77-01: Design, Supply, Installation and Commissioning of Underground Distribution Network under Lagankhel, Pulchowk, Bhaktapur and Thimi Distribution Center including Reinforcement and Automation

Schedule No. 2: Plant and Equipment including Mandatory Spares Parts to be supplied from within Nepal

LC: Local Currency (All Price in Local Currency)

Item No.	Item description	Unit	Quantity	Ex Factory Price (Excluding VAT) in LC		Inland transportation to site in LC		Total Amount (Excluding Taxes)	Custom, VAT and other taxes
				Unit Rate	Amount	Unit Rate	Amount		
1	2	3	4	5	6 = (4) x (5)	7	8=(4)x(7)	9=6+8	10
PART 1									
	Part-A : EMPLOYER ASSESSED QUANTITIES								
	Part-B: CONTRACTOR ASSESSED QUANTITIES								
	Part-C: Mandatory Spares								
	Total For PART 1 [(Part-A+ Part-B+ Part C)]								
	Total for Schedule 2 (Total of column 9 to be carried forward to Schdule 5: Grand Summary)								

Note : 1) Bidder is required to quote prices in this Schedule for all the items in Schedule 1 which they wish to supply from within Nepal.
2.) The Prices of equipments are inclusive of type test charges

* Strike-out whichever is not applicable.

^a Specify currency in accordance with ITB 19.1 of the BDS.

^b Column 5 Price shall include all customs duties and sales and other taxes already paid or payable on the components and raw materials used in the manufacture or assembly of the item or the customs duties and sales and other taxes already paid on previously imported items.

Name of Bidder:
Signature of Bidder:
(Printed Name)
(Designation)
(Common Seal)

Date:



NEPAL ELECTRICITY AUTHORITY
PROJECT MANAGEMENT DIRECTORATE
LALITPUR-BHAKTAPUR DISTRIBUTION SYSTEM REINFORCEMENT PROJECT
BID PRICE SCHEDULE

Power Transmission and Distribution System Strengthening Project (PTDSSP)

PMD/PTDSSP/LBDSRP-076/77-01: Design, Supply, Installation and Commissioning of Underground Distribution Network under Lagankhel, Pulchowk, Bhaktapur and Thimi Distribution Center including Reinforcement and Automation

Schedule No. 3: Design Services

Item No.	Item Description	Estimated		Unit Prices		Total Prices	
				Local Currency Portion	Foreign Currency Portion		
		Quantity	Unit	LC (NRs)	FC (Currency)	LC	FC
1	2	3	4	5	6	7=3x5	8=3x6
PART 1							
A	Pre-Construction Survey including detail survey, study and prepare GIS map and reporting of existing network for HT, LT & Consumer connection etc. and complete design of the proposed reinforcement works including underground, communication and automation with loadflow analysis and needful calculations as per scope of this project.	1	LS				
	Total for Schedule 3 (Total of column 7 & 8 to be carried forward to Schdule 5: Grand Summary)						
	Total (Total of column 7 and 8 to be carried forward to Schedule No. 5: Grand Summary)						

Name of Bidder:
Signature of Bidder:
(Printed Name)
(Designation)
(Common Seal)

Date:



NEPAL ELECTRICITY AUTHORITY
PROJECT MANAGEMENT DIRECTORATE
LALITPUR-BHAKTAPUR DISTRIBUTION SYSTEM REINFORCEMENT PROJECT
BID PRICE SCHEDULE

Power Transmission and Distribution System Strengthening Project (PTDSSP)

PMD/PTDSSP/ LBDSRP-076/77-01: Design, Supply, Installation and Commissioning of Underground Distribution Network under Lagankhel, Pulchowk, Bhaktapur and Thimi Distribution Center

Schedule No. 4: Installation and Other Services

(a): Installation and Construction Charges

Sl. No.	Item Description	Installation Charges								
		Country of Origin	Type & Designation	Unit	Qty.	Portion in Foreign Currency			Portion in Nepalese Currency (in NPR)	
						Currency#	Unit Rate	Total Charges	Unit Rate	Total Charges
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(8)x(6)	(10)	(11)=(10)x(6)
PART 1										
	Part-A : EMPLOYER ASSESSED QUANTITIES									
A	Poles									
1.0	11m Steel Tubular Pole including hardware and stay sets as required			Set	200					
2.0	9m Steel Tubular Pole including hardware and stay sets as required			Set	200					
3.0	Dismantling of HT/ LT PSC/Steel Tubular Poles of different sizes and transportation upto store			Nos	200					
4.0	Dismantling of one circuit HT/ LT ACSR Conductor (different sizes) and all associated accessories and transportation upto store			RKM	20					
5.0	Dismantling of one circuit HT/ LT Overhead AB Cable (different sizes) and all associated accessories and transportation upto store			RKM	20					
6.0	Dismantling of different sizes Distribution Transformers and transportation upto store			Set	100					
7.0	Shifting of existing single/three phase service cables along with all accessories to the newly reinforced overhead line			Nos	2000					
B	Cables									
1	HT Cables along with Straight Jointing Kit, O/D & I/D Termination Kit and other accessories as per TS									
1.1	3-Core 400 mm ² 11 kV XLPE Armoured Aluminum Cable			Km	180					
1.2	3-Core 300 mm ² 11 kV XLPE Armoured Aluminum Cable			Km	50					
1.3	3-Core 150 mm ² 11 kV XLPE Armoured Aluminum Cable			Km	10					
2	HT AB Cables along with Straight Jointing Kit, O/D & I/D Termination Kit and other accessories as per TS									
2.1	3-Core 150 mm ² 11 kV cable			Km	100					
3	LT Cables along with terminal and necessary accessories per TS									
3.1	LT XLPE Cable Single Core 630 sq. mm., Aluminum Cable			Km	12					
3.2	LT XLPE Armoured 3.5 Core, 300 sq.mm. Aluminum Cable			Km	155					
3.2	LT XLPE Armoured 3.5 Core, 185 sq.mm. Aluminum Cable			Km	155					



NEPAL ELECTRICITY AUTHORITY
PROJECT MANAGEMENT DIRECTORATE
LALITPUR-BHAKTAPUR DISTRIBUTION SYSTEM REINFORCEMENT PROJECT
BID PRICE SCHEDULE

Power Transmission and Distribution System Strengthening Project (PTDSSP)

PMD/PTDSSP/ LBDSRP-076/77-01: Design, Supply, Installation and Commissioning of Underground Distribution Network under Lagankhel, Pulchowk, Bhaktapur and Thimi Distribution Center

Schedule No. 4: Installation and Other Services

(a): Installation and Construction Charges

Sl. No.	Item Description	Installation Charges								
		Country of Origin	Type & Designation	Unit	Qty.	Portion in Foreign Currency			Portion in Nepalese Currency (in NPR)	
						Currency#	Unit Rate	Total Charges	Unit Rate	Total Charges
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(8)x(6)	(10)	(11)=(10)x(6)
4	LT AB Cables along with Straight Jointing Kit, O/D & I/D Termination Kit and other accessories as per TS									
4.1	120 mm ² cable (3*120+1*95+1*16 sq.mm)			Km	60					
4.2	95 mm ² cable (3*95+1*95+1*16 sq.mm)			Km	60					
C	GO Switch with accessories									
1	11 KV 400 Amps. GO Switch complete with handle, pipe & Supporting Channel complete.			Set	60					
2	Motor & other control arrangement for remote and local operation with all accessories			Set	60					
3	Communication arrangement along with FRTU and Power Supply (AC/DC) system suitable for integration with SCADA system			Set	60					
D	Distribution Transformer									
1	Installation of 3-PHASE DISTRIBUTION TRANSFORMERS as per Technical Specification			Set	300					
E	9 kV LA (3 Nos. in 1 Set) set with all accessories			Set	100					
F	RMU (Ring Main Units) including MS Galvanized Steel Supporting Base Structures									
1	Outdoor type 11 KV SF6 type non extensible and motorized 5 way smart Ring Main Unit (RMU) complete with two VCB and three LBS with FRTU and FPI			Set	20					
2	Outdoor type 11 KV SF6 type extensible and motorized 4 way smart Ring Main Unit (RMU) complete with two VCB and two LBS with FRTU and FPI			Set	20					
3	Outdoor type 11 KV SF6 type extensible and motorized 3 way smart Ring Main Unit (RMU) complete with two VCB and one LBS with FRTU and FPI			Set	70					
4	Outdoor type 11 KV SF6 type extensible and motorized 3 way smart Ring Main Unit (RMU) complete with all one VCB and 2 LBS with FRTU and FPI			Set	70					
5	Outdoor type 11 KV SF6 type extensible and motorized one way smart Ring Main Unit (RMU) complete with LB and with FPI			Set	20					



NEPAL ELECTRICITY AUTHORITY
PROJECT MANAGEMENT DIRECTORATE
LALITPUR-BHAKTAPUR DISTRIBUTION SYSTEM REINFORCEMENT PROJECT
BID PRICE SCHEDULE

Power Transmission and Distribution System Strengthening Project (PTDSSP)

PMD/PTDSSP/ LBDSRP-076/77-01: Design, Supply, Installation and Commissioning of Underground Distribution Network under Lagankhel, Pulchowk, Bhaktapur and Thimi Distribution Center

Schedule No. 4: Installation and Other Services

(a): Installation and Construction Charges

Sl. No.	Item Description	Installation Charges								
		Country of Origin	Type & Designation	Unit	Qty.	Portion in Foreign Currency			Portion in Nepalese Currency (in NPR)	
						Currency#	Unit Rate	Total Charges	Unit Rate	Total Charges
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(8)x(6)	(10)	(11)=(10)x(6)
G	LT Feeder Pillar including MS Galvanized Steel Supporting Base Structure									
1	5- way Distribution feeder pillar with 1 no ACB, 4 pole, 3phase, 415v, 800 Amps for incoming and 4 nos outgoing MCCBs (200A, 300A, 300A, 400A) 4 pole, 3phase, 415v, metering arrangement on incomer suitable for outdoor installation, in accordance with Technical Specification (TYPE A)			Set	10					
2	5- way Distribution feeder pillar with 1 no ACB , 4 pole, 3phase, 415v, 600 Amps for incoming and 4 nos outgoing MCCBs (200A, 200A, 300A, 300A) 4 pole, 3phase, 415v, metering arrangement on incomer suitable for outdoor installation, in accordance with Technical Specification, (TYPE B)			Set	10					
3	5- way Distribution feeder pillar with 1 no ACB , 4 pole, 3phase, 415v , 800 Amps for incoming and 4 nos outgoing MCCBs (200A, 200A, 300A, 300A) 4 pole, 3phase, 415v , metering arrangement on incomer suitable for outdoor installation , in accordance with Technical Specification. (TYPE C)			Set	50					
4	6- way Distribution feeder pillar with 1 no MCCB , 4 pole, 3phase, 415 v, 500 Amps for incoming and 5 nos outgoing MCCBs 4 pole, 3phase, 415 v, 200 Amps rating each, along with LT CTs and Multifunction Meter for Metering arrangement, suitable for outdoor installation in accordance with Technical Specification. (TYPE D1)			Set	120					
5	6- way Distribution feeder pillar with 1 no MCCB , 4 pole, 3phase, 415 v, 400 Amps for incoming and 5 nos outgoing MCCBs 4 pole, 3phase, 415 v, 200 Amps rating each, along with LT CTs and Multifunction Meter for Metering arrangement, suitable for outdoor installation in accordance with Technical Specification. (TYPE D2)			Set	110					
6	5- way Distribution feeder pillar with 5 nos outgoing MCCB 4 pole, 3phase, 415 v, 200 Amps rating each, suitable for outdoor installation in accordance with Technical Specification. (TYPE D3)			Set	170					
7	3 phase, 4 Pole, 415 v, Distribution Service Pillar for LT, 150 Amps incoming MCCB; 1 no. with busbars for upto 30 connection distribution service pillar suitable for outdoor installation, in accordance with Technical Specification. (TYPE E)			Set	1200					
H	Optical Fiber									
(i)	UGFO Cable Installation									
1	Laying of Unarmoured Underground Optical Fibre Cable - 96 Fibers DWDM			km	120					



NEPAL ELECTRICITY AUTHORITY
PROJECT MANAGEMENT DIRECTORATE
LALITPUR-BHAKTAPUR DISTRIBUTION SYSTEM REINFORCEMENT PROJECT
BID PRICE SCHEDULE

Power Transmission and Distribution System Strengthening Project (PTDSSP)

PMD/PTDSSP/ LBDSRP-076/77-01: Design, Supply, Installation and Commissioning of Underground Distribution Network under Lagankhel, Pulchowk, Bhaktapur and Thimi Distribution Center

Schedule No. 4: Installation and Other Services

(a): Installation and Construction Charges

Sl. No.	Item Description	Installation Charges								
		Country of Origin	Type & Designation	Unit	Qty.	Portion in Foreign Currency			Portion in Nepalese Currency (in NPR)	
						Currency#	Unit Rate	Total Charges	Unit Rate	Total Charges
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(8)x(6)	(10)	(11)=(10)x(6)
2	Laying of Unarmoured Underground Optical Fibre Cable - 24 Fibers DWSM			km	10					
3	Installation of Joint box in underground (including splicing & testing) - 96 Fibers			Set	60					
4	Installation of Joint box in underground (including splicing & testing) - 24 Fibers			Set	240					
(ii)	DWSM, ADSS Fiber Installation									
1	Installation of 96-Fibres, DWSM, ADSS Fibre Optic Cable including all hardware fittings & accessories except joint box			KM	100					
2	Installation of 24-Fibres, DWSM, ADSS Fibre Optic Cable including all hardware fittings & accessories except joint box			KM	10					
3	Installation of Joint box for 96-fibres, ADSS fibre optic cable			Set	50					
4	Installation of Joint box for 24-fibres, ADSS fibre optic cable			Set	60					
(iii)	FODP & FMS Installation with splicing and Patching trays, FCPC coupling and pig tails (5mtrs each), patch chords as per site requirement									
1	Cabinet for FODP (2200x600x600mm)			No.	5					
2	FODP Sub Rack (24F), 1U			No.	4					
3	FODP Sub Rack (48F), 2U			No.	18					
4	FMS Wall mount - 24F			No.	2					
5	FMS Rack mount - 24F			No.	20					
6	FMS Wall mount - 96F			No.	2					
7	FMS Rack mount - 96F			No.	40					
8	FMS Wall mount - 144F			No.	2					
9	FMS Rack mount - 144F			No.	40					
10	FMS Ground mount (Outdoor) - 96F			No.	2					
11	FMS Ground mount (Outdoor)- 144F			No.	2					
(iv)	PLB-HDPE (Permanently Lubricated High Density Poly Ethylene) pipe 40 mm. dia pipe for laying optical Fiber Cable.			KM	240					
I	Installation and testing of Telecom Equipment and Annual Maintenance Charge									
1	Installation and Testing of STM-4 Equipment and associated accessories			No	11					
2	Installation and Testing of Power Supply Unit and Battery			No	2					
3	Installation and Testing of Network Manager & Element Manager System			Set	1					



NEPAL ELECTRICITY AUTHORITY
PROJECT MANAGEMENT DIRECTORATE
LALITPUR-BHAKTAPUR DISTRIBUTION SYSTEM REINFORCEMENT PROJECT
BID PRICE SCHEDULE

Power Transmission and Distribution System Strengthening Project (PTDSSP)

PMD/PTDSSP/ LBDSRP-076/77-01: Design, Supply, Installation and Commissioning of Underground Distribution Network under Lagankhel, Pulchowk, Bhaktapur and Thimi Distribution Center

Schedule No. 4: Installation and Other Services

(a): Installation and Construction Charges

Sl. No.	Item Description	Installation Charges								
		Country of Origin	Type & Designation	Unit	Qty.	Portion in Foreign Currency			Portion in Nepalese Currency (in NPR)	
						Currency#	Unit Rate	Total Charges	Unit Rate	Total Charges
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(8)x(6)	(10)	(11)=(10)x(6)
4	Annual Maintenance Charges for Communication Equipment package system for One (1) year after Service Level Agreement (SLA)			Lot	1					
J	Laying of HDPE/GI Pipes Using Open Trench Method									
1	HDPE pipe 125 mm dia (PN6)			Km	93					
2	HDPE pipe 160 mm dia (PN6)			Km	108					
3	GI pipe 150mm dia, 5.4mm thick for crossing			Km	8					
K	M.S. Galvanized Items along with GI Nuts & Bolts/Washers (plain and spring)									
1.0	Installation of M.S. Galvanized items- Pole Top Bracket/hamper, Channel/angle, clamps, D-Strap, MS flat for knee bracing, MS Flat, various size of angle & channel, Nut Bolts, Washer etc. complete as required for complete scope of work			MT	9					
L	Interbranch metering units- separate enclosure suitable to be mounted on the RMU or Poles including CT, PT, control cable and other accessories			Set	20					
M	Service Cables (Armored, XLPE and Multi-Stranded) along with Connectors and Flexible PVC Pipe as per Technical Specification									
1.1	Service Cable along with connectors, and all accessories required for connection of meter to service pillar (single phase 16 A)			Consumer	9000					
1.2	Service Cable along with connection and all accessories required for connection of meter to service pillar (single phase 30 A)			Consumer	5250					
1.3	Service Cable along with connector and all accessories required for connection of meter to service pillar (single phase 60 A)			Consumer	750					
1.4	Service Cable along with connector and all accessories required for connection of meter to service pillar (3 phase phase upto 25 kVA)			Consumer	1875					
1.5	Service Cable along with connector and all accessories required for connection of meter to service pillar (3 phase phase 25 to 50 kVA)			Consumer	1125					
	Sub-Total Part-A									



NEPAL ELECTRICITY AUTHORITY
PROJECT MANAGEMENT DIRECTORATE
LALITPUR-BHAKTAPUR DISTRIBUTION SYSTEM REINFORCEMENT PROJECT
BID PRICE SCHEDULE

Power Transmission and Distribution System Strengthening Project (PTDSSP)

PMD/PTDSSP/ LBDSRP-076/77-01: Design, Supply, Installation and Commissioning of Underground Distribution Network under Lagankhel, Pulchowk, Bhaktapur and Thimi Distribution Center

Schedule No. 4: Installation and Other Services

(a): Installation and Construction Charges

Sl. No.	Item Description	Installation Charges								
		Country of Origin	Type & Designation	Unit	Qty.	Portion in Foreign Currency			Portion in Nepalese Currency (in NPR)	
						Currency#	Unit Rate	Total Charges	Unit Rate	Total Charges
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(8)x(6)	(10)	(11)=(10)x(6)
Part-B: CONTRACTOR ASSESSED QUANTITIES										
1	Erection Hardware									
1.1	Bus-bar materials, cable clamps, spacers, connectors, Junction box, all accessories etc for underground cables.			LS	1					
1.2	Erection hardware, cable clamps, rollers, connectors, Junction box, all accessories etc for AB cables.			LS	1					
1.3	Earthing									
1.3.1	Rod Earthing along with PVC insulated wire with cable lugs			LS	1					
1.3.2	Earthing with GI Flat Strip 25x6 mm			LS	1					
2	Danger Plate Enameled			LS	1					
3	Number Plate Enameled			LS	1					
4	Phase Plate for each phase set of 3			LS	1					
5	HT & LT Cable Route Marker and Straight Joint marker (MS and Painted)			LS	1					
Sub-Total Part-B										
PART-C: Civil Works (As per technical specification)										
1	Excavation in all types of soil and rock including backfilling disposal etc. for all leads and lifts			Cu.Mtr.	125100					
2	Providing and laying of Plain Cement Concrete (PCC) (1:3:6) (M10)			Cu. Mtr.	606					
3	Providing and laying of Plain Cement Concrete (PCC) (1:2:4) (M15) including formwork			Cu.Mtr.	606					



NEPAL ELECTRICITY AUTHORITY
PROJECT MANAGEMENT DIRECTORATE
LALITPUR-BHAKTAPUR DISTRIBUTION SYSTEM REINFORCEMENT PROJECT
BID PRICE SCHEDULE

Power Transmission and Distribution System Strengthening Project (PTDSSP)

PMD/PTDSSP/ LBDSRP-076/77-01: Design, Supply, Installation and Commissioning of Underground Distribution Network under Lagankhel, Pulchowk, Bhaktapur and Thimi Distribution Center

Schedule No. 4: Installation and Other Services

(a): Installation and Construction Charges

Sl. No.	Item Description	Installation Charges								
		Country of Origin	Type & Designation	Unit	Qty.	Portion in Foreign Currency			Portion in Nepalese Currency (in NPR)	
						Currency#	Unit Rate	Total Charges	Unit Rate	Total Charges
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(8)x(6)	(10)	(11)=(10)x(6)
4	Providing and laying of Reinforced Cement Concrete Design Mix (M25) including pre-cast, grouting of pockets, underpinning and formwork but excluding steel reinforcement.			Cu.Mtr.	5420					
5	Providing and laying Plain Cement Concrete 1:5:10 (1 cement : 5 sand : 10 Stone aggregate)			Cu.Mtr.	606					
6	Steel Reinforcement (Fe 500)			MT	163					
7	Black topping as per Technical Specification of Road Department and/or Lalitpur-Bhaktapur Municipality			Sq. Mtr.	72000					
8	Miscellaneous Structural steel used for rails , plates for rail fixing, gratings, gratings supports etc for transformer foundation, cable supports and earthing cleats, chequered plates, embedments, edge protection angles for cable trenches but excluding the reinforcement steel and steel for lattice and pipe structures which shall be paid seperately.			MT	2					
9	Chain link fencing as per specification and approved drawing but excluding concrete which shall be paid seperately under respective items for DT, RMU and LT ACB feeder Panel.			RM	50					
10	Fencing Gate excluding concrete which shall be paid seperately under respective items of BPS			Nos.	5					
11	Local Sand filling around and under Foundation and for backfilling of cable and pit as applicable.			Cu. Mtr.	13000					
12	Stone soling below foundations wherever specified in approved drawings during detailed engineering			Cu. Mtr.	400					



NEPAL ELECTRICITY AUTHORITY
PROJECT MANAGEMENT DIRECTORATE
LALITPUR-BHAKTAPUR DISTRIBUTION SYSTEM REINFORCEMENT PROJECT
BID PRICE SCHEDULE

Power Transmission and Distribution System Strengthening Project (PTDSSP)

PMD/PTDSSP/ LBDSRP-076/77-01: Design, Supply, Installation and Commissioning of Underground Distribution Network under Lagankhel, Pulchowk, Bhaktapur and Thimi Distribution Center

Schedule No. 4: Installation and Other Services

(a): Installation and Construction Charges

Sl. No.	Item Description	Installation Charges								
		Country of Origin	Type & Designation	Unit	Qty.	Portion in Foreign Currency			Portion in Nepalese Currency (in NPR)	
						Currency#	Unit Rate	Total Charges	Unit Rate	Total Charges
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(8)x(6)	(10)	(11)=(10)x(6)
13	Geotechnical /Soil Investigation as per technical specification			Nos.	150					
14	Construction of Cubicle/Room for providing Distribution Transformer alongwith RMU and LT ACB including finishing but excluding excavation, RCC, Reinforcement, PCC etc as above			Nos	1					
15	Construction of double-decker Cubicle/Room for providing Distribution Transformer alongwith RMU and LT feeder pillar including finishing but excluding excavation, RCC, Reinforcement, PCC etc as above			Nos	1					
16	Trenchless laying of HDPE pipe with Horizontal Directional Drilling (HDD) method									
16.1	125 mm HDPE (PN6)			km	217					
16.2	160 mm HDPE (PN6)			km	252					
17	First class Brickwork in Ground Floor sub-structure / super structure in (1:4) cement sand mortar with approved quality bricks in perfect line & level with necessary scaffolding including wetting the bricks, properly packing the joints & curing the works with all complete as per instruction of Site Incharge/Engineer on the basis of drawings, specification etc.			Cu. Mtr.	50					
18	12.5 mm thick cement sand plaster of mix 1:4 cement sand in wall etc. including mixing mortars, applying required plaster in line level and plumb and finishing in regular even, smoothen surface including including ranking the joints, cleaning, wetting the surface, curing the works and scaffolding etc all complete as per specification & instruction.			Sq. Mtr.	1000					
19	RCC Manholes (supply & Installation)									
19.1	For Joint locations as per technical specification			no.	5					
19.2	For providing Service loops at crossings as per technical specification			no.	5					



NEPAL ELECTRICITY AUTHORITY
PROJECT MANAGEMENT DIRECTORATE
LALITPUR-BHAKTAPUR DISTRIBUTION SYSTEM REINFORCEMENT PROJECT
BID PRICE SCHEDULE

Power Transmission and Distribution System Strengthening Project (PTDSSP)

PMD/PTDSSP/ LBDSRP-076/77-01: Design, Supply, Installation and Commissioning of Underground Distribution Network under Lagankhel, Pulchowk, Bhaktapur and Thimi Distribution Center

Schedule No. 4: Installation and Other Services

(a): Installation and Construction Charges

Sl. No.	Item Description	Installation Charges								
		Country of Origin	Type & Designation	Unit	Qty.	Portion in Foreign Currency			Portion in Nepalese Currency (in NPR)	
						Currency#	Unit Rate	Total Charges	Unit Rate	Total Charges
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(8)x(6)	(10)	(11)=(10)x(6)
20	Brick walled Manholes (supply & Installation)									
20.1	For Joint locations as per technical specification			no.	1					
20.2	For providing Service loops at crossings as per technical specification			no.	1					
21	First class local chimney made Flat Brick Soling with sand in foundation and in trench wherever necessary laid in line & level including filling in the joints with sand all complete.			Sq. Mtr.	1000					
									-	-
	Sub-Total Part-C								-	-
	Total For PART 1 [(Part-A+ Part-B+ Part C)]								-	-
	Total for Schedule 4 (Total of column 9 and 11 to be carried forward to Schedule 5: Grand Summary)								-	-

Specify currency in accordance with ITB 19.1 of the BDS.

Name of Bidder:
Signature of Bidder:
 (Printed Name)
 (Designation)
 (Common Seal)

Date:



NEPAL ELECTRICITY AUTHORITY
PROJECT MANAGEMENT DIRECTORATE
LALITPUR-BHAKTAPUR DISTRIBUTION SYSTEM REINFORCEMENT PROJECT

BID PRICE SCHEDULE

Power Transmission and Distribution System Strengthening Project (PTDSSP)

PMD/PTDSSP/ LBDSRP-076/77-01: Design, Supply, Installation and Commissioning of Underground Distribution Network under Lagankhel, Pulchowk, Bhaktapur and Thimi Distribution Center including Reinforcement and Automation

Schedule No. 4 : Installation and Other Services (Common for all)

(b): Training Charges for training to be imparted to Employer's Personnel by Bidder's Instructor in Nepal

Sl. No.	Description of the Test	Item for which training is to be imparted.	Training duration in days	Training Charges for Contractors Trainers		
				Currency	Unit rate	Total Training Charges
1	2	3	4	5	6	7 = 4x6
a)	Training on operation, maintenance and testing & commissioning aspect at each substation as per section project, Technical Specification	i) XLPE cable laying and termination	5			
		ii) AB cable laying and termination	5			
		iii) Fault locator equipment and fault location	7			
		iv) Feeder management	5			
		v) Equipment maintenance	5			
		vi) Training on SDH equipment, MUX Equipment & NMS	5			
Total for Training Charges (Total of column 7 to be carried forward to Schedule 5: Grand Summary)						-

REMARKS:

1. On Job Training in Nepal: The traveling and living expenses of Owner's personnel for the training programme conducted in Nepal shall be borne by the Owner.

Note: To and fro charges, accommodation and training fees for the Instructor (Trainer) and training material for the trainees shall be included in the prices quoted by the bidder.

Name of Bidder:
Signature of Bidder:
(Printed Name)
(Designation)
(Common Seal)

Date:



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Schedule No. 4: Installation and Other Services (Common for all)

(c) Routine Test Charges for Tests to be conducted at independent lab to verify quality of goods after delivery of goods

Sl. No.	Description of Tests	Testing Location	TEST CHARGES	
			Currency #	Amount
1	2	3	4	5
	11kV XLPE Cable			
1	Complete routine test - Sample testing			
	11kV AB Cable			
1	Complete routine test - Sample testing			
	LT XLPE Cable			
1	Complete routine test - Sample testing			
	LT AB Cable			
1	Complete routine test - Sample testing			
	PLB-HDPE & HDPE Pipe			
1	Complete routine test - Sample testing			
	Optical Fiber			
1	Complete routine test - Sample testing			
Total of Tests charges (Total of column 5 to be carried forward to Schedule 5: Grand Summary)				

Name of Bidder:
Signature of Bidder:
 (Printed Name)
 (Designation)
 (Common Seal)

Date:



NEPAL ELECTRICITY AUTHORITY
PROJECT MANAGEMENT DIRECTORATE
LALITPUR-BHAKTAPUR DISTRIBUTION SYSTEM REINFORCEMENT PROJECT
BID PRICE SCHEDULE

Power Transmission and Distribution System Strengthening Project (PTDSSP)

PMD/PTDSSP/ LBDSRP-076/77-01: Design, Supply, Installation and Commissioning of Underground Distribution Network under Lagankhel, Pulchowk, Bhaktapur and Thimi Distribution Center including Reinforcement and Automation

Schedule No. 4: Installation and Other Services (Common for all)

(d) Social Safeguard and Environment Management Activities (as per clause 13 of Chap 1 PSR)

Sl. No.	Description	Testing Location	TEST CHARGES	
			Currency #	Amount
1	2	3	4	5
1	Social Safeguard and Environment Management Activities			
Total of Social Safeguard & Environment Management Activities Charges (Total of column 5 to be carried forward to Schedule 5: Grand Summary)				

Name of Bidder:
Signature of Bidder:
(Printed Name)
(Designation)
(Common Seal)

Date:



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PROJECT MANAGEMENT DIRECTORATE
LALITPUR-BHAKTAPUR DISTRIBUTION SYSTEM REINFORCEMENT PROJECT
BID PRICE SCHEDULE

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Schedule No. 5: Grand Summary

S. No.	Description	Total Price Foreign (Currency)	Total Price Local (NRs)
		1	2
1	TOTAL SCHEDULE NO. 1		
	Plant and Equipment including Mandatory Spares to be supplied from abroad.		
2	TOTAL SCHEDULE NO. 2		
	Plant and Equipment including Mandatory Spares Parts to be supplied from within Nepal		
3	TOTAL SCHEDULE NO. 3		
	Design Services		
4	TOTAL SCHEDULE NO. 4		
	(a) Installation and construction charges		
	(b) Training charges for training to be imparted in Nepal		
	(c) Routine Test Charges for Tests to be conducted at independent lab to verify quality of goods after delivery of goods		
	(d) Social safeguard and environment management activities		
Total (Excluding Custom Duty and VAT) [1+2+3+4]			

Name of Bidder:

Date:

Signature of Bidder:

(Printed Name)

(Designation)

(Common Seal)



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Schedule No. 6: Recommended Availability/Optional Spares Parts and recommended Test Equipment in line with technical Specifications

Item No.	Name & Description of Parts	Name of Original Manufacturer	Part No.	Number of Units in each set	Total No. of Sets to be provided	Unit Price	Total Price	Remarks

Name of Bidder:
Signature of Bidder:
 (Printed Name)
 (Designation)
 (Common Seal)

Date:

