

NEPAL ELECTRICITY AUTHORITY

(An Undertaking of Government of Nepal)
Project Management Directorate



CHOVAR-PATAN-CHAPAGAUN 132kV UNDERGROUND TRANSMISSION LINE
PROJECT

*A component of
Electricity Grid Modernization Project-Additional Financing*

BIDDING DOCUMENT FOR

**Procurement of Plant for
Design, Supply, Installation and Commissioning of 132kV underground line from Chobhar
Substation to New Patan Substation(Package A1.1)**

**Single-Stage, Two-Envelope
Bidding Procedure**

Issued on:	May 8, 2023
Invitation for Bids No.:	PMD/EGMPAF/CPCUGTLP-079/80-02
ICB No.:	PMD/EGMPAF/CPCUGTLP-078/79-02
Employer:	Nepal Electricity Authority
Country:	Nepal

VOLUME –III OF III

May, 2023

**Chovar-Patan-Chapagaun 132kV Underground Transmission Line Project
Project Management Directorate
Matatirtha, Kathmandu
Kathmandu, Nepal
Telephone: +977-1-5164096**

SECTION 4 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 charges.
- 3) BOQ given is indicative only, the quantities mentioned above may undergo changes during detailed engineering to meet the functional requirement and scope of work defined in Employer's Requirements. Based on the detailed engineering and design, the Contractor shall prepare and submit the final BOQ within 90 days of signing of Contract.
- 4) The bidders are require 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.
- 5) The bid price is inclusive of all Environmental, Health and Safety management compliance cost.



NEPAL ELECTRICITY AUTHORITY

PROJECT MANAGEMENT DIRECTORATE

CHOBHAR-PATAN-CHAPAGAUN 132kV UNDERGROUND DOUBLE CIRCUIT TRANSMISSION LINE PROJECT

Electricity Grid Modernization Project-Additional Financing

PMD/EGMPAF/CPCUGTLP-079/80-02: Design, Installation and commissioning of 132 kV Underground double circuit transmission line from Chobhar Substation to New Patan Substation. (Package A1.1)

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-A : EMPLOYER ASSESSED QUANTITIES									
PART 1	132 kV Underground Line								
A	Cables along with clamps, glands, lugs, cable termination and straight joints etc.								
1.0	Power Cables -								
	i 145kV, 1Cx800 sqmm (XLPE) copper cable for line from Chobhar to Patan Substation and line bay along complete as per TS		km	35					
	ii Cable Protection, Monitoring System with all accessories as per TS		LS	1					
	iii Straight Through Joints including other necessary joints as per TS		No	63					
	iv Cable Sealing Ends, terminations suitable for GIS termination at Patan SS		No	6					
	v Cable Sealing Ends, terminations suitable for AIS termination at Chobhar SS		No	6					
2.0	145 kV Surge Arrestors								
	i 120 kV Surge Arrestors (1- Phase) at Chobhar SS		Nos	6					
B	Fabrication, galvanising and supply of following Steel Structures including nuts, bolts, all types of washers, packplates, step bolts and gusset plates including foundation bolts.								
1.0	Structure(Builtup beams girders, plate girders, angles etc including Foundation Bolts for cable bridge		MT	25					
2.0	Fastners and step bolts.(Nuts,Bolts & Washers)		MT	1.5					
3.0	Lattice/Pipe Structure including Foundation Bolts for Equipment Support Structure		MT	1					
C	Optical Fibe & PLB-HDPE pipe								
1.0	Un- Armoured U/G Optical Fiber (48 Fibers) along with required hardware sets including FODP, all cable fittings and accessories as required		km	4.95					
2.0	PLB-HDPE (Permanently Lubricated High Density Poly Ethylene) pipe 40 mm. dia pipe for laying optical Fiber Cable.		km	4.95					
D	Pipes & Accessories								
1.0	HDPE pipe (as per design requirement PN6 min 200 mm dia size) & Accessories		km	35					
2.0	GI pipe (NB 200mm x Heavy Duty) for crossing & Accessories		km	1					
Sub-Total Part A									

NEPAL ELECTRICITY AUTHORITY

PROJECT MANAGEMENT DIRECTORATE

CHOBHAR-PATAN-CHAPAGAUN 132kV UNDERGROUND DOUBLE CIRCUIT TRANSMISSION LINE PROJECT

Electricity Grid Modernization Project-Additional Financing

PMD/EGMPAF/CPCUGTLP-079/80-02: Design, Installation and commissioning of 132 kV Underground double circuit transmission line from Chobhar Substation to New Patan Substation. (Package A1.1)

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-B: CONTRACTOR ASSESSED QUANTITIES									
PART 1	Part B: 132 kV Underground Line/Substation								
A	Material including Erection Hardware for Underground line/substation								
i)	Insulator strings, Disc Insulators, Hardware, conductor, power & control cables, bus-bar materials, cable trays, clamps, spacers, connectors including equipment connectors, Junction box, earthwire, buried cable trenches/pipe equipment, all accessories etc. for the following:		LS	1					
B	Earthing including necessary connectors/connections, risers etc, cable earthing set, Link boxes and other accessories complete in all respect for underground line and substation								
i)	Earth Conductor (copper)		LS	1					
ii)	Earth Rod (copper clad steel)		LS	1					
iii)	Cable Earthing arrangement		LS	1					
C	Cable Route Marker and Straight through Joint marker		LS	1					
Sub-Total Part B									
Part-C: Mandatory Spares									
A	Cable Termination								
i)	Cable Termination for 132kV (GIS 1 set and AIS 1 set)		No	2					
B	Optical fiber cable								
i)	Un- Armoured U/G Optical Fiber (48 Fibers)		km	0.5					
C	120 kV Surge Arrestors (1- Phase)		Nos	1					
Sub-Total Part C									
Total For PART 1 Chobhar-Patan UG [(Part-A+ Part-B+ Part C)]									
Total for Schedule 1 (Total of column 9 to be carried forward to Schedule 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 Specify currency in accordance with BDS ITB Clause 32.1, Part-I of the Bidding Documents.

* Strike-out whichever is not applicable.

Name of Bidder:

Package A1.1

Signature of Bidder:

NEPAL ELECTRICITY AUTHORITY

PROJECT MANAGEMENT DIRECTORATE

CHOBHAR-PATAN-CHAPAGAUN 132kV UNDERGROUND DOUBLE CIRCUIT TRANSMISSION LINE PROJECT

Electricity Grid Modernization Project-Additional Financing

PMD/EGMPAF/CPCUGTLP-079/80-02: Design, Installation and commissioning of 132 kV Underground double circuit transmission line from Chobhar Substation to New Patan Substation. (Package A1.1)

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

Date:

Name of Bidder:
 Signature of Bidder:
 (Printed Name)

 (Designation)
 (Common Seal)



NEPAL ELECTRICITY AUTHORITY

PROJECT MANAGEMENT DIRECTORATE

CHOBHAR-PATAN-CHAPAGAUN 132kV UNDERGROUND DOUBLE CIRCUIT TRANSMISSION LINE PROJECT

Electricity Grid Modernnization Project-Additional Financin;

PMD/EGMPAF/CPCUGTLP-079/80-02: Design, Installation and commissioning of 132 kV Underground double circuit transmission line from Chobhar Substation to New Patan Substation. (Package A1.1)

Schedule A-3: Design Services

Item No.	Item Description	Estimated		Unit Prices		Total Prices		
				Local Currency Portion	Foreign Currency Portion			
		Quantity	Unit	NRs	Currency			LC
1	2	3	4	5	6	7=3x5	8=3x6	
	Design Services	Design Included in schedule 1						
	Total for Schedule 3 (Total of column 7 & 8 to be carried forward to Schdule 5: Grand Summary)							

NOTE: The design cost is included in schedule 1

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

Date:



NEPAL ELECTRICITY AUTHORITY

PROJECT MANAGEMENT DIRECTORATE

CHOBHAR-PATAN-CHAPAGAUN 132kV UNDERGROUND DOUBLE CIRCUIT TRANSMISSION LINE PROJECT

Electricity Grid Modernization Project-Additional Financing

PMD/EGMPAF/CPCUGTLP-079/80-02: Design, Installation and commissioning of 132 kV Underground double circuit transmission line from Chobhar Substation to New Patan Substation. (Package A1.1)

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 Nepalese Currency (in NPR)	
						Unit Rate	Total Charges
(1)	(2)	(3)	(4)	(5)	(6)	10	11=10x6
	Part-A : EMPLOYER ASSESSED QUANTITIES						
PART 1	132 kV Underground Line						
A	Cables along with clamps, glands, lugs, cable termination and straight joints etc.						
1.0	Power Cables -						
	i 145kV, 1Cx800 sqmm (XLPE) copper cable for line from Chobhar to Patan Substation and line bay along complete as per TS			km	35		
	ii Cable Protection, Monitoring System with all accessories as per TS			LS	1		
	iii Straight Through Joints including other necessary joints as per TS			No	63		
	iv Cable Sealing Ends suitable for GIS termination at Patan SS			No	6		
	v Cable Sealing Ends suitable for AIS termination at Chobhar SS			No	6		
2.0	145 kV Surge Arrestors						
	i 120 kV Surge Arrestors (1- Phase) at Chobhar SS			No	6		
B	Fabrication, galvanising and supply of following Steel Structures including nuts, bolts, all types of washers, packplates, step bolts and gusset plates including foundation bolts.						
1.0	Structure(Builtup beams girders, plate girders, angles etc including Foundation Bolts for cable bridge			MT	25		
2.0	Fastners and step bolts.(Nuts,Bolts & Washers)			MT	1.5		
3.0	Lattice/Pipe Structure including Foundation Bolts for Equipment Support Structure			MT	1		

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 Nepalese Currency (in NPR)	
						Unit Rate	Total Charges
(1)	(2)	(3)	(4)	(5)	(6)	10	11=10x6
C	Optical Fiber & PLB HDPE pipe Laying						
1.0	Un- Armoured U/G Optical Fiber (48 Fibers) along with required hardware sets including FODP, all cable fittings and accessories as required			km	4.95		
2.0	PLB-HDPE (Permanently Lubricated High Density Poly Ethylene) pipe 40 mm. dia pipe for laying optical Fiber Cable.			km	4.95		
E	Laying of Pipes on pit						
1.0	HDPE pipe (as per design requirement PN6 min 200 mm dia size) & Accessories			km	35		
2.0	GI pipe (NB 200mm x Heavy Duty) for crossing & Accessories			km	1		
	Sub-Total Part A						
PART 1	132 kV Underground Line/Substation						
A	Erection Hardware at Underground Line/Substation						
i)	Insulator strings, Disc Insulators, Hardware, conductor, power & control cables, bus-bar materials, cable trays, clamps, spacers, connectors including equipment connectors, Junction box, earthwire, buried cable trenches/pipe equipment, all accessories etc. for the following:			LS	1		
B	Earthing including necessary connectors/connections, risers etc, cable earthing set, Link boxes and other accessories complete in all respect						
i)	Earth Conductor (copper)			LS	1		
ii)	Earth Rod (copper clad steel)			LS	1		
iii)	Cable Earthing arrangement			LS	1		
C	Cable Route Marker and Straight through Joint marker			LS	1		
	Sub-Total Part B						

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 Nepalese Currency (in NPR)	
						Unit Rate	Total Charges
(1)	(2)	(3)	(4)	(5)	(6)	10	11=10x6
PART-C: Civil Works (As per technical specification)							
1.0	Minimum Width Excavation with required protective geological measures in all types of soil and rock including dismantling of bituminous road surface/footpath , backfilling disposal etc. for all leads and lifts			Cu.Mtr.	8,701.92		
2.0	Dismantling of Cement Concrete Grade M-15 & M-20 existing structures like road, culverts, bridges,retaining walls and other structure comprising of masonry,cement concrete, wood work, steel work, including scaffolding wherever necessary, sorting the dismantled Material, disposal of unserviceable Material and stacking the serviceable Material with all lifts and lead .			Cu.Mtr.	217.80		
3.0	Providing and laying of Plain Cement Concrete (1:3:6) including shuttering but excluding steel reinforcement.			Cu.Mtr.	59.60		
4.0	Providing and laying of Plain/Reinforced Cement Concrete (1:2:4) including shuttering, Grouting of pockets & underpinning but excluding steel reinforcement.			Cu.Mtr.	20.00		
5.0	Providing and laying of Reinforced Cement Concrete Mix M20 including pre cast, shuttering, Grouting of pockets & underpinning but excluding steel reinforcement.			Cu.Mtr.	479.60		
6.0	Providing and laying of Reinforced Cement Concrete Mix M25 including pre cast, shuttering, Grouting of pockets & underpinning but excluding steel reinforcement			Cu.Mtr.	595.57		
7.0	Providing and laying Reinforcement Fe 500 including cutting, bending, binding, fixing in position etc. all complete in foundation as per drawing and technical specification			MT.	122.861		
8.0	Sand filling around and under foundation, cable pits and other foundations as applicable			Cu.Mtr.	3,489.12		
9.0	Stone soling below foundations wherever specified in approved drawings during detailed Engineering			Cu.Mtr.	64.50		
10.0	Flat Brick soling below foundations wherever specified in approved drawings during detailed Engineering			Sq.m	485.62		



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 Nepalese Currency (in NPR)	
						Unit Rate	Total Charges
(1)	(2)	(3)	(4)	(5)	(6)	10	11=10x6
11.0	Road Reconstruction Work- Construction of black top (Bituminous / asphalt) road with wideblack top pavement, Water bound macadam of suitable thickness as per design below pavement shall be laid as per technical specification/road standard						
11.1	Providing and laying Crusher Run sub-base on prepared surface, mixing at OMC, and compacting to achieve the desired density, complete as per Table 12.1 grading IV, Technical Specifications, etc all Complete			Cu.Mtr.	1,108.00		
11.2	Providing and laying Crusher Run Macadam on a prepared surface, spreading and mixing , watering and compacting to form a layer of Base course as per 37.50 mm nominal size grading and TechnicalSpecifications, etc. all complete			Cu.Mtr.	831.00		
11.3	Providing and applying prime coat with MC 30/70 of Hot Bitumen (including cutter) on prepared surface of granular base including cleaning of road surface and spraying (Spray Rate @ 0.90 per Sq.m) as per Technical Specification .			liter	4,986.00		
11.4	Providing and applying tack coat with hot Bitumen at specified rate on the prepared non-bituminous surfaces including cleaning as per Technical Speciation . (Spray Rate @ 0.50 per Sq.m)			liter	13,850.00		
11.6	Providing and laying Bituminous concrete/ Asphalt concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler as per Drawing and Technical Specifications. (26 mm Nominal Size)			Cu.Mtr.	1,385.00		
11.7	Providing and laying open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates as wearing course on a previously prepared base as per drawing and Technical Specifications .Technical Specifications. (13mm Nominal Size)			Cu.Mtr.	55.40		
11.8	Footpath restoration work excluding base/subbase as per road standard all complete			Sq.Mtr.	1,500.00		
11.9	providing and fixing C.I. Manhole cover of 24 " (600mm) dia. (Heavy duty) with frame at requird level including dismentalling, concreting nut bolting etc. all complete as per drawing and specification etc. all complete as directed by enginee			Nos	18.00		
12.0	PileFoundation						

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 Nepalese Currency (in NPR)		
						Unit Rate	Total Charges	
(1)	(2)	(3)	(4)	(5)	(6)	10	11=10x6	
12.1	Boring, providing and installation of bored cast-in-situ RCC vertical piles of specified diameter and of any length below the pile cap with M25 grade of cement concrete, excluding the cost of supply and placing the reinforcement steel but including the cost of boring including temporary guide casing (supplying and providing M.S Liner), Betonite solution and the length of pile to be embedded in the pile cap (Length of pile for payment shall be measured from bottom of pile cap), all necessary labour, materials, plants, tools and tackles etc. complete as necessary for proper execution of the job.							
	a. 750 mm diameter RCC vertical bored pile			R.m.	40.00			
	Note: Please fill rates for each diameter of pile. During installation only one type might be used							
12.2	Conducting integrity test on all pile using electronic control unit, hand held hammer, accelerometer, computer with required software to assess as-installed pile characteristics including mobilisation of necessary manpower, equipments, materials etc. required for successful completion of the job			LS	1.00			
13.0	Supplying & laying hume pipe of grade (NP-3) excluding concrete and reinforcement							
13.1	300mm dia			R.m.	100.00			
13.2	450mm dia			R.m.	100.00			
13.3	600mm dia			R.m.	50.00			
13.4	900mm dia			R.m.	50.00			
13.5	1200 mm dia			R.m.	50.00			
14.0	Stone Masonry Works (1:4)			Cu.Mtr.	38.92			
15.0	First Class Brick Masonry Works (1:4)			Cu.Mtr.	100.00			
16.0	Plastering Works over Masonry (1:4)			Sq.Mtr.	200.00			
17.0	Pointing Works over Stone Masonry (1:3)			Sq.Mtr.	100.00			
18.0	Soil Investigation as per TS			Location	5.00			
19.0	Initial Foot survey, GIS mapping, reporting of existing network, GPR Survey etc complete			LS	1.00			

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 Nepalese Currency (in NPR)	
						Unit Rate	Total Charges
(1)	(2)	(3)	(4)	(5)	(6)	10	11=10x6
20.0	Trenchless digging & placing of HDPE pipe or PLB-HDPE, using HDD method						
20.1	200 mm or higher HDPE			Km	9.45		
20.2	PLB HDPE			Km	1.35		
	Sub-Total Part-C						
	Total for Schedule 4(Total of column 9 and 11 to be carried forward to Schedule 5: Grand Summary)						



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 Nepalese Currency (in NPR)	
						Unit Rate	Total Charges
(1)	(2)	(3)	(4)	(5)	(6)	10	11=10x6

Specify currency in accordance with ITB Clause 12.1 and corresponding BDS clauses, Vol.I of the Bidding Documents.

Name of Bidder:

Signature of Bidder:

(Printed Name)

(Designation)

(Common Seal)



NEPAL ELECTRICITY AUTHORITY

PROJECT MANAGEMENT DIRECTORATE

CHOBHAR-PATAN-CHAPAGAUN 132KV UNDERGROUND DOUBLE CIRCUIT TRANSMISSION LINE PROJECT

Electricity Grid Modernization Project-Additional Financing

PMD/EGMPAF/CPCUGTLP-079/80-02: Design, Installation and commissioning of 132 kV Underground double circuit transmission line from Chobhar Substation to New Patan Substation.
(Package A1.1)

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

(b) Training Charges for training to be imparted abroad

Sl. No.	Description	Item for which training is to be imparted.	Country where training is to be imparted	Nos. of Trainee	Training duration in days	Currency	Total Training Charges	
							Unit rate	Total Training Charges
1	2		3	4	5	6	7	8 = 4x5 x 7
A	Training to Owners personnel on Design , testing and Maintenance aspect as per Section Project, Technical Specification at manufacturer's works	i) GIS Cable termination		4.00	5.00			
		ii) Cable jointing for 132kV		4.00	5.00			
	Total for Training Charges (total of coulmn 8 to be carried forward to Schedule 5: Grand summary)							

Bidder are requested to fill the rates applicable for all 4 substations

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

Date:



NEPAL ELECTRICITY AUTHORITY

PROJECT MANAGEMENT DIRECTORATE

CHOBHAR-PATAN-CHAPAGAUN 132kV UNDERGROUND DOUBLE CIRCUIT TRANSMISSION LINE PROJECT

Electricity Grid Modernization Project-Additional Financing

PMD/EGMPAF/CPCUGTLP-079/80-02: Design, Installation and commissioning of 132 kV Underground double circuit transmission line from Chobhar Substation to New Patan Substation. (Package A1.1)

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

(c) 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 = 4x 6
a)	On Job training on operation, maintenance and testing & commissioning aspect at each substation as per section Project, Technical Specification	i) Cable termination and jointing for 132kV System	5	NPR		
		ii) DAS & DTS system	5	NPR		
Total for Training Charges (Total of column 7 to be carried forward to Schedule 5: Grand Summary)						

2. 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.

Date: _____

Signature: _____

Printed Name: _____

Designation: _____

Common Seal: _____

NOTE: To and fro charges and accommodation for the Instructor (Trainer) and Training material for the Trainees shall be included in the prices quoted by the bidder. However, arrangements for trainees and premises for conducting the training shall be arranged by OWNER.



NEPAL ELECTRICITY AUTHORITY

PROJECT MANAGEMENT DIRECTORATE

CHOBHAR-PATAN-CHAPAGAUN 132kV UNDERGROUND DOUBLE CIRCUIT TRANSMISSION LINE

Electricity Grid Modernization Project-Additional Financing

PMD/EGMPAF/CPCUGTLP-079/80-02: Design, Installation and commissioning of 132 kV Underground double circuit transmission line from Chobhar Substation to New Patan Substation. (Package A1.1)

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

(d) Maintenance Charges

SI No	Description	Unit	Qty.	Total Maintenance Charges	
				Currency	Total Maintenance Charges
	Not Applicable				
	Total Maintenance Charges (To be carried forward to Schedule 5: Grand Summary)				-

Date: _____

Signature: _____

Printed Name: _____

Designation: _____

Common Seal: _____

NEPAL ELECTRICITY AUTHORITY

PROJECT MANAGEMENT DIRECTORATE

CHOBHAR-PATAN-CHAPAGAUN 132kV UNDERGROUND DOUBLE CIRCUIT TRANSMISSION LINE PROJECT**Electricity Grid Modernization Project-Additional Financing**

PMD/EGMPAF/CPCUGTLP-079/80-02: Design, Installation and commissioning of 132 kV Underground double circuit transmission line from Chobhar Substation to New Patan Substation. (Package A1.1)

Schedule No. 5: Grand Summary

Sl. No.	Description	Total Price Foreign ()*	Total Price Local ()*
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 abroad		
	(c) Training Charges for training to be imparted to Employer's Personnel by Bidder's Instructor in Nepal		
	(d) Maintenance Charges		
	GRAND TOTAL [1+2+3+4]		
Total excluding Custom duty and VAT			

Date:

Place:

Signature: _____

Printed Name: _____

Designation: _____

Common Seal: _____

NEPAL ELECTRICITY AUTHORITY

PROJECT MANAGEMENT DIRECTORATE

CHOBHAR-PATAN-CHAPAGAUN 132kV UNDERGROUND DOUBLE CIRCUIT TRANSMISSION LINE PROJECT

PMD/EGMPAF/CPCUGTLP-079/80-02: Design, Installation and commissioning of 132 kV Underground double circuit transmission line from Chobhar Substation to New Patan Substation. (Package A1.1)

Electricity Grid Modernnization Project-Additional Financing

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

Date:

Signature: _____
 Printed Name: _____
 Designation: _____
 Common Seal: _____