

# NEPAL ELECTRICITY AUTHORITY

(An Undertaking of Government of Nepal)  
**TRANSMISSION DIRECTORATE**  
**GRID OPERATION DEPARTMENT**



**BID DOCUMENT (ICB)**  
**VOLUME –III OF III**  
(PRICE SCHEDULE)

SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING  
OF  
220/132KV, 2X315MVA TRANSFORMERS AT DHALKEBAR  
SUBSTATION

**TENDER NO: GOD/2073/074-21**

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Nepal Electricity Authority  
Grid Operation Department  
Meen Bhawan, New Baneshwor  
Kathmandu  
Tel. : + 977 (01) 4621465, 4620486, 4620619  
Fax : + 977 (01) 4620586

MAY 2017

# Price Schedules

## PREAMBLE

### A. General

1	<b>The Price Schedules are divided into separate Schedules as follows:</b>
Schedule No. 1:	Plant and Mandatory Spare Parts Supplied from Abroad
Schedule No. 2:	Plant and Mandatory Spare Parts Supplied from within the Employer's Country
Schedule No. 3:	Design Services (Not Applicable)
Schedule No. 4:	Installation and Other Services
Schedule No. 5:	Grand Summary
Schedule No. 6:	Recommended Spare Parts
2	The Schedules do not generally give a full description of the plant to be supplied and the services to be performed under each item. Bidders shall be deemed to have read the Employer's Requirements and other sections of the Bidding Document and reviewed the Drawings to ascertain the full scope of the requirements included in each item prior to filling in the rates and prices. The entered rates and prices shall be deemed to cover the full scope as aforesaid, including overheads and profit.
3	If Bidders are unclear or uncertain as to the scope of any item, they shall seek clarification in accordance with ITB 7 prior to submitting their bid.
<b>B. Pricing</b>	
4	The units and rates in figures entered into the Price Schedules should be type written or if written by hand, must be in print form. Price Schedules not presented accordingly may be considered nonresponsive. Any alterations necessary due to errors, etc., shall be initialed by the Bidder. As specified in the Bid Data Sheet and Special Conditions of Contract, prices shall be fixed and firm for the duration of the Contract, or prices shall be subject to adjustment in accordance with the corresponding Appendix (Price Adjustment) to the Contract Agreement.
5	Bid prices shall be quoted in the manner indicated and in the currencies specified in the Instructions to Bidders in the Bidding Document. For each item, Bidders shall complete each appropriate column in the respective Schedules, giving the price breakdown as indicated in the Schedules. Prices given in the Schedules against each item shall be for the scope covered by that item as detailed in Section 6 (Employer's Requirements) or elsewhere in the Bidding Document.
6	When requested by the Employer for the purposes of making payments or part payments, valuing variations or evaluating claims, or for such other purposes as the Employer may reasonably require, the Contractor shall provide the Employer with a breakdown of any composite or lump sum items included in the Schedules.
7	Bidders are instructed to quote the price schedule no. 1 (Plant, and Mandatory Spares Parts supplied from abroad) either in foreign currency (USD) or Nepalese Rupees (NRs.) and rest price schedule Price Schedule 2 (Plant, and Mandatory Spares Parts supplied Within Employer's Country) and Price Schedule No 4 (Installation Services) entirely in Nepalese Rupees (NRs).

**Nepal Electricity Authority  
Transmission Directorate**

**Supply, Delivery, Installation, Testing and Commissioning of 220/132kV, 2x315MVA Three Phase Transformers at Dhalkebar Substation  
(Schedules of Rates and Prices)**

**220/132kV Dhalkebar Substation**

**Price Schedule 1. Plant, and Mandatory Spares Parts supplied from abroad**

Item No.	Description	Country of Origin	Quantity	Unit	Currency	Total CIP-Nepal Border Price (Excluding Taxes and Duties)		Remarks
						Unit Rate	Total Amount	
(1)	(2)		(3)	(4)		(5)	(6)=(3)x(5)	(7)
<b>A</b>	<b>Electrical Part</b>							
<b>1</b>	<b>Main Items</b>							
1.1	315 MVA, 220/132 kV Three Phase Auto Transformers, complete with all fittings and accessories including Main Control Cabinet, cooling control cabinet, RTCC panel, OLTC, Bushing CTs, neutral CTs as specified/ required for completion of the equipment.		2	Nos.				
1.2	600V Control Cable and Power Cable required to complete the scope of work as specified		1	Lot				
	<b>Sub Total (1)</b>							
<b>2</b>	<b>Miscellaneous Materials</b>							
2.1	ACSR Conductors suitable with connector and accessories to complete the scope of work		1	Lot				
	<b>Sub Total (2)</b>							
<b>3</b>	<b>Grounding System</b>							
3.1	Earthing of Transformer, complete, Lot		1	Lot				
	<b>Sub Total (3)</b>							
	<b>Total of Electrical Part (A)</b>							
<b>B</b>	<b>Civil Part</b>							
<b>4</b>	Steel structure for post, beam and equipment supporting frame complete with bolts, nuts and all accessories:							
4.1	Steel Structure for Modification of existing gantry as required		1000	kg				
	<b>Sub Total (4)</b>							
	<b>Total of Civil Part (B)</b>							

Item No.	Description	Country of Origin	Quantity	Unit	Currency	Total CIP-Nepal Border Price (Excluding Taxes and Duties)		Remarks
						Unit Rate	Total Amount	
(1)	(2)		(3)	(4)		(5)	(6)=(3)x(5)	(7)
<b>C</b>	<b>Spare Part</b>							
5	<b>For Power Transformer</b>							
5.1	220kV Phase Bushing, 132kV Bushing & Neutral Bushing (1 each)		1	Set				
5.2	Dial Type Thermometer (OTI, WTI 1each)		1	set				
5.3	Oil Level Gauge		1	set				
5.4	Indicating lamps (100% of used)		1	lot				
5.5	All Types of Fuses (100% of used)		1	lot				
5.6	Complete Set of Gaskets		1	lot				
5.7	Complete set of Pressure Relief Device		1	set				
5.8	One BCT of each type		1	Lot				
5.9	Cooler Control Contactors		1	Lot				
5.10	OLTC Motor Contactor		1	Nos				
5.11	Complete set of Bucholz Relay		1	set				
	<b>Sub Total of (5)</b>							
	<b>Total of Spare Part (C)</b>							
	<b>Grand Total of Schedule 1</b>							

Signature of Bidder \_\_\_\_\_

Name of Bidder \_\_\_\_\_

Note	The prices shall be quoted either in the currency of Nepalese Rupees (NRs.) or foreign currency (USD) only as per ITB 19.1 of the BDS.
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**Nepal Electricity Authority  
Transmission Directorate**

**Supply, Delivery, Installation, Testing and Commissioning of 220/132kV, 2x315MVA Three Phase Transformers at Dhalkebar Substation  
(Schedules of Rates and Prices)**

**220/132kV Dhalkebar Substation**

1. If a Bidder wishes to Supply some item(s) listed in Price Schedule no. 1 from manufacturing plant in Nepal, then such item(s) and price of such item(s) shall be quoted in this Price Schedule no. 2 only. Columns against such item(s) shall be left blank in Price Schedule no. 1.
2. Item No. in the following table shall match those in Price Schedule no. 1

**Price Schedule 2. Plant, and Mandatory Spares Parts supplied Within Employer's Country**

Item No.	Description	Quantity	Unit	Total EXW Price (Excluding Taxes and Duties)		Remarks
				Unit Price at EXW(NPR)	Total EXW Price (NPR)	
(1)	(2)	(3)	(4)	(5)	(6)=(3)x(5)	(7)
<b>Grand Total of Schedule 2</b>						

Signature of Bidder \_\_\_\_\_  
Name of Bidder \_\_\_\_\_



**Nepal Electricity Authority**

**Transmission Directorate**

**Supply, Delivery, Installation, Testing and Commissioning of 220/132kV, 2x315MVA Three Phase Transformers at Dhalkebar  
(Schedules of Rates and Prices)**

**220/132kV Dhalkebar Substation**

**Price Schedule No 3: Design Services**

Item	Description	Qty.	Unit Price <sup>#</sup>		Total Price <sup>#</sup>	
			Local Currency Portion	Foreign Currency Portion (optional)	Local Currency Portion	Foreign currency Portion (optional)
(1)	(2)	(3)	(4)	(5)	(6)=(4)x(3)	(7)=(5)x(3)
	The scope of the Contract covers the detail design as well. The price of the detail design is deemed to have been covered in the prices of the other schedules	<b>Not Applicable</b>				

Signature of Bidder \_\_\_\_\_

Name of Bidder \_\_\_\_\_



# Nepal Electricity Authority

## Transmission Directorate

**Supply, Delivery, Installation, Testing and Commissioning of 220/132kV, 2x315MVA Three Phase Transformers at Dhalkebar Substation**  
(Schedules of Rates and Prices)

220/132kV Dhalkebar Substation

### Price Schedule No 4. Installation Services

**Part- A: Local Transportation, Insurance and other Incidental services (including port clearance etc.)**

Item No.	Description	Quantity	Unit	Insurance, Clearing, Forwarding and Transportation upto site		Remarks
				Unit Rate(NPR)	Total Amount (NPR)	
(1)	(2)	(3)	(4)	(5)	(6)=(3)x(5)	(7)
<b>A</b>	<b>Electrical Part</b>					
<b>1</b>	<b>Main Items</b>					
1.1	315 MVA, 220/132 kV Three Phase Auto Transformers, complete with all fittings and accessories including Main Control Cabinet, cooling control cabinet, RTCC panel, OLTC, Bushing CTs, neutral CTs as specified/ required for completion of the equipment.	2	Nos.			
1.2	600V Control Cable and Power Cable required to complete the scope of work as specified	1	Lot			
	<b>Sub Total (1)</b>					
<b>2</b>	<b>Miscellaneous Materials</b>					
2.1	ACSR Conductors suitable with connector and accessories to complete the scope of work	1	Lot			
	<b>Sub Total (2)</b>					
<b>3</b>	<b>Grounding System</b>					
3.1	Earthing of Transformer, complete, Lot	1	Lot			
	<b>Sub Total (3)</b>					
	<b>Total of Electrical Part (A)</b>					

Item No.	Description	Quantity	Unit	Insurance, Clearing, Forwarding and Transportation upto site		Remarks
				Unit Rate(NPR)	Total Amount (NPR)	
(1)	(2)	(3)	(4)	(5)	(6)=(3)x(5)	(7)
<b>B</b>	<b>Civil Part</b>					
<b>4</b>	Steel structure for post, beam and equipment supporting frame complete with bolts, nuts and all accessories:					
4.1	Steel Structure for Modification of existing gantry as required	1000	kg			
	<b>Sub Total (4)</b>					
	<b>Total of Civil Part (B)</b>					
<b>C</b>	<b>Spare Part</b>					
<b>5</b>	<b>For Power Transformer</b>					
5.1	220kV Phase Bushing, 132kV Bushing & Neutral Bushing (1 each)	1	Set			
5.2	Dial Type Thermometer (OTI, WTI 1each)	1	set			
5.3	Oil Level Gauge	1	set			
5.4	Indicating lamps (100% of used)	1	lot			
5.5	All Types of Fuses (100% of used)	1	lot			
5.6	Complete Set of Gaskets	1	lot			
5.7	Complete set of Pressure Relief Device	1	set			
5.8	One BCT of each type	1	Lot			
5.9	Cooler Control Contactors	1	Lot			
5.10	OLTC Motor Contactor	1	Nos			
5.11	Complete set of Bucholz Relay	1	set			
	<b>Sub Total of (5)</b>					
	<b>Total of Spare Part (C)</b>					
	<b>Grand Total of Schedule 4A</b>					

Signature of Bidder \_\_\_\_\_

Name of Bidder \_\_\_\_\_





## Nepal Electricity Authority

### Transmission Directorate

#### Supply, Delivery, Installation, Testing and Commissioning of 220/132kV, 2x315MVA Three Phase Transformers at Dhalkebar Substation (Schedules of Rates and Prices)

#### 220/132kV Dhalkebar Substation

Price Schedule No 4. Installation Services

Part - B: Installation Charges

Item No.	Description	Quantity	Unit	Installation (Excluding Taxes)		Remarks
				Unit Rate(NPR)	Total Amount (NPR)	
(1)	(2)	(3)	(4)	(5)	(6)=(3)x(5)	(7)
<b>A</b>	<b>Electrical Part</b>					
<b>1</b>	<b>Main Items</b>					
1.1	315 MVA, 220/132 kV Three Phase Auto Transformers, complete with all fittings and accessories including Main Control Cabinet, cooling control cabinet, RTCC panel, OLTC, Bushing CTs, neutral CTs as specified/ required for completion of the equipment.	2	Nos.			
1.2	600V Control Cable and Power Cable required to complete the scope of work as specified	1	Lot			
	<b>Sub Total (1)</b>					
<b>2</b>	<b>Miscellaneous Materials</b>					
2.1	ACSR Conductors suitable with connector and accessories to complete the scope of work	1	Lot			
	<b>Sub Total (2)</b>					
<b>3</b>	<b>Grounding System</b>					
3.1	Earthing of Transformer, complete, Lot	1	Lot			
	<b>Sub Total (3)</b>					
	<b>Total of Electrical Part (A)</b>					
	<b>Grand Total of Schedule 4B</b>					

Signature of Bidder \_\_\_\_\_

Name of Bidder \_\_\_\_\_



**Nepal Electricity Authority  
Transmission Directorate**

**Supply, Delivery, Installation, Testing and Commissioning of 220/132kV, 2x315MVA Three Phase Transformers at Dhalkebar  
(Schedules of Rates and Prices)**

220/132kV Dhalkebar Substation

Price Schedule No 4. Installation Services

Part - C: Civil Works

Item No.	Description	Quantity	Unit	Civil Works (Excluding Taxes)		Remarks
				Unit Rate(NPR)	Total Amount (NPR)	
(1)	(2)	(3)	(4)	(5)	(6)=(3)x(5)	(7)
<b>A</b>	<b>Civil Works</b>	1	LS			
1	<b>Steel Structure &amp; Rail</b>					
1.1	Adjustment of Rail for New Transformer	2	Lot			
1.2	Modification of existing gantry as required	1000	kg			
	<b>Sub Total (1)</b>					
2	<b>Reinforced Cement Concrete Foundation for Steel Structures</b> complete excavation, backfilling, forms, concrete works and reinforcement bars					
2.1	Foundation Modification for installation of new Transformer	31.25	Cu.Mtr.			
	<b>Sub Total (2)</b>					
3	<b>Dismantling Works</b>					
3.1	Dismantling and Removal of existing 220/132kV, 160MVA Transformer and its accessories to a safe location within Substation compound	2	Lot			
	<b>Sub Total (3)</b>					
<b>Grand Total of Schedule 4B</b>						

Signature of Bidder \_\_\_\_\_

Name of Bidder \_\_\_\_\_



**Nepal Electricity Authority**  
**Transmission Directorate**  
**Supply, Delivery, Installation, Testing and Commissioning of 220/132kV, 2x315MVA Three Phase**  
**(Schedules of Rates and Prices)**

**220/132kV Dhalkebar Substation**

**Price Schedule No. 5. Grand Summary ( Schedule Nos. 1 to 4)**

S.N.	Description	Foreign Currency (USD)	Nepalese Rupees (NRs.)	Remarks
1	Total Price Schedule No. 1. Plant, and Mandatory Spares Parts supplied from abroad	-		
2	Total Price Schedule No. 2. Plant, and Mandatory Spares Parts supplied from within the Employer's country			
3	Total Price Schedule No. 3. Design Services			
4	Schedule No. 4. Installation Services			
Part -A:	Local Transportation, Insurance and other Incidental services (including port clearance etc.)			
Part - B:	Installation Charges			
Part - C:	Civil Works			
	Total of Price Schedule no.4: Installation and Other Services			
<b>Sub Total of Schedule No 4</b>				
<b>Grand Total</b>				

Signature of Bidder \_\_\_\_\_

Name of Bidder \_\_\_\_\_



