NEPAL ELECTRICITY AUTHORITY

(An Undertaking of Government of Nepal)
Distribution and Consumer Services Directorate
Planning and Technical Services Department
Madankudari-Makaibari-Singati 33 kV Transmission Line Project
Durbarmarg, Kathmandu

National Competitive Bidding (NCB)

(Two-Envelope Bidding Procedure)

BIDDING DOCUMENT

Price Bid

FOR

SUPPLY, DELIVERY, INSTALLATION / ERECTION, TESTING AND COMMISSIONING OF MAJHIFEDA-MUDE 33 KV TRANSMISSION LINE

Invitation for Bids No.: Re-NEA/DCSD/PTSD/MMTL/074/75-01

NCB No.: Re-NEA/DCSD/PTSD/MMTL/074/75-01

Employer: Nepal Electricity Authority

June, 2018

Nepal Electricity Authority
Distribution and Consumer Services Directorate
Planning and Technical services Department
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Letter of Price Bid

The Bidder must accomplish the Letter of Price Bid in its letterhead clearly showing the Bidder's complete name and address.

Date: .....

Name of the contract: .....

Invitation for Bid No.: .....

To: …….....

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (ITB) Clause 8;

(b) We offer to execute in conformity with the Bidding Documents the following Works:

(c) The total price of our Bid, excluding any discounts offered in item (d) below is: …… ……..

(d) The discounts offered and the methodology for their application are:……

(e) Our bid shall be valid for a period of ***[insert validity period as specified in ITB 18.1]*** days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(a) If our bid is accepted, we commit to obtain a performance security in accordance with the Bidding Document;

(g) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed;

(h) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive; and

(i) We agree to permit the Employer/DP or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors appointed by the Employer.

(j) If awarded the contract, the person named below shall act as our Representative:

Name: .....

In the capacity of .....

Signed ……...

Duly authorized to sign the Bid for and on behalf of ……

Date ……....

Section VI: Bill of Quantities[1]

Notes for Unit Rate Contracts:

Objectives

The objectives of the Bill of Quantities are
(a) to provide sufficient information on the quantities of Works to be performed to enable Bids to be prepared efficiently and accurately; and
(b) when a Contract has been entered into, to provide a priced Bill of Quantities for use in the periodic valuation of Works executed.

In order to attain these objectives, Works should be itemized in the Bill of Quantities in sufficient detail to distinguish between the different classes of Works, or between Works of the same nature carried out in different locations or in other circumstances which may give rise to different considerations of cost. Consistent with these requirements, the layout and content of the Bill of Quantities should be as simple and brief as possible.

Content
The Bill of Quantities should be divided generally into the following sections:
(a) Preamble;
(b) Work Items (grouped into parts);
(c) Day works Schedule;
d) Provisional Sums; and
(d) Summary.

Preamble
The Preamble should indicate the inclusiveness of the unit prices, and should state the methods of measurement which have been adopted in the preparation of the Bill of Quantities and which are to be used for the measurement of any part of the works.

Work Items
The items in the Bill of Quantities should be grouped into sections to distinguish between those parts of the Works which by nature, location, access, timing, or any other special characteristics may give rise to different methods of construction, or phasing of the Works, or considerations of cost. General items common to all parts of the works may be grouped as a separate section in the Bill of Quantities.

Day work Schedule
A Day work Schedule should be included only if the probability of unforeseen work, outside the items included in the Bill of Quantities, is high. To facilitate checking by the Employer of the realism of rates quoted by the Bidders, the Day work Schedule should normally comprise the following:

[1]In lump sum contracts, delete "Bill of Quantities" and replace with "Schedule of Activities" throughout this section.

(a) A list of the various classes of labor, materials, and Constructional Plant for which basic day work rates or prices are to be inserted by the Bidder, together with a statement of the conditions under which the Contractor will be paid for work executed on a day work basis.

(b) Nominal quantities for each item of Day work, to be priced by each Bidder at Day work rates as bid. The rate to be entered by the Bidder against each basic Day work item should include the Contractor's profit, overheads, supervision, and other charges.

Provisional Sums

Provisional Sums included and so designated in the Bill of Quantities shall be expended in whole or in part at the direction and discretion of the Project Manager in accordance with the Conditions of Contract.

Summary

The Summary should contain a tabulation of the separate parts of the Bill of Quantities carried forward, with provisional sums for Day work, for physical (quantity) contingencies, and for price contingencies (upward price adjustment) where applicable.

Preamble of Bill of Quantities

A. General

1. The Bill of Quantities shall be read in conjunction with the Instructions to Bidders, General and Special Conditions of Contract, Technical Specifications, and Drawings.
2. The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work ordered and carried out, as measured by the Contractor and verified by the Project Manager and valued at the rates and prices bid in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Project Manager may fix within the terms of the Contract.
3. For any item for which measurement is based on records made before or during construction the records shall be prepared and agreed between the Engineer and the Contractor. Should the Contractor carry out such work without the prior agreement of the Engineer, the Engineer may request the Contractor to carry out investigations to confirm the extent of the work and the quantity of work certified for payment shall be solely at the Engineer's discretion. The cost of any such investigation shall be borne by the Contractor.

4. The rates and prices bid in the priced Bill of Quantities shall, except as otherwise provided under the Contract, include all construction equipment, labor, supervision, materials, erection, maintenance, insurance, profit, taxes, and duties, together with all general risks, liabilities, and obligations set out or implied in the Contract.

5. A rate or price shall be entered against each item in the priced Bill of Quantities, whether quantities are stated or not. The cost of items against which the Contractor has failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities.

6. The whole cost of complying with the provisions of the Contract shall be included in the Items provided in the priced Bill of Quantities, and where no Items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related Items of Work.

7. General directions and descriptions of work and materials are not necessarily repeated nor summarized in the Bill of Quantities. References to the relevant sections of the Contract documentation shall be made before entering prices against each item in the priced Bill of Quantities. The Specification Clause references where given in the item description of the Bills of Quantities are for the convenience of bidders and generally refer to the principal relevant- specification clause but do not necessarily represent the whole of the specification requirements for the work required within the item. The presence of a Specification clause reference shall not in any way reduce the Bidders obligation to complete work in accordance with all the requirements of the Specification.
8. Provisional Sums included and so designated in the Bill of Quantities shall be expended in whole or in part at the direction and discretion of the Project Manager in accordance with the Conditions of Contract.
9. The method of measurement of completed work for payment shall be in accordance with the Specifications.
10. The abbreviations and symbols used in this Bill of Quantities are:***[Insert as applicable]***

B. Day work Schedule

a)General

1. Work shall not be executed on a day work basis except by written order of the Project Manager. Bidders shall enter basic rates for day work items in the Schedules. These rates shall apply to any quantity of day work ordered by the Project Manager. Nominal quantities have been indicated against each item of day work, and the extended total for day work shall, be carried forward as a Provisional Sum to the Summary Total Bid Amount. Unless otherwise adjusted, payments for day work shall be subject to price adjustment in accordance with the provisions in the Conditions of Contract.

b) Day work Labor

1. In calculating payments due to the Contractor for the execution of day works, the hours for labor will be reckoned from the time of arrival of the labor at the job site to execute the particular item of day work to the time of departure from the job site, but excluding meal breaks and rest periods. Only the time of classes of labor directly doing work ordered by the Project Manager and are competent to perform such work will be measured. The time of gangers (charge hands) actually doing work with the gangs will also be measured but not the time of foremen or other supervisory personnel.
2. The Contractor shall be entitled to payment in respect of the total time that labor is employed on day work, calculated at the basis rates entered by it in the " SCHEDULE OF DAY WORK RATES: 1. LABOR". The rates for labor shall be deemed to cover all costs to the Contractor including (but not limited to) i) the amount of wages paid to such labor, transportation time, overtime, subsistence allowances, ii) any sums paid to or on behalf of such labor for social benefits in accordance with Nepal law, iii) Contractor's profit, overheads, superintendence, liabilities and insurance and iv) charges incidental to the foregoing.

c) Day work Equipment

1. The Contractor shall be entitled to payments in respect of Constructional Plant already on site and employed on day work at the basis rental rates entered by him in the “SCHEDULE OF DAY WORK RATES:2 EQUIPMENT ”. The said rates shall be deemed to include due and complete allowance for depreciation, interest, indemnity and insurance, repairs, maintenance, supplies, fuel, lubricant, and other consumables and all overhead, profit and administrative costs related to the use of such equipment. The cost of drivers, operators and assistants also shall be included in the rate of the equipment and no separately payment shall be made for it.
2. In calculating the payment due to the Contractor for Constructional Plant employed on day work, only the actual number of working hours will be eligible for payment, except that where applicable and agreed with the Project Manager, the travelling time from the part of the Site where the Construction Plant was located when ordered by the Project Manager to be employed on day work and the time for return journey there to shall be included for payment.

d) Day work Materials

1. The Contractor shall be entitled to payment in respect of materials used for day work (except for materials for which the cost is included in the percentage addition to labor costs as detailed heretofore), at the rates entered by him in the "SCHEDULE OF DAY WORK RATES: 3 MATERIALS" and shall be deemed to include overhead charges and profit as follows;
   (i) the rates for materials shall be calculated on the basis of the invoiced price, freight, insurance, handling expenses, damage, losses, etc. and shall provide for delivery to store for stockpiling at the Site.
   (ii) the cost of hauling materials for use on work ordered to be carried out as day work, from the store or stockpile on the Site to the place where it is to be used also shall be include in the same rate.

Provisional Sums

A general provision for physical contingencies (quantity overruns) may be made by including a provisional sum in the Summary Bill of Quantities. Similarly, a contingency allowance for possible price increases should be provided as a provisional sum in the Summary Bill of Quantities. The inclusion of such provisional sums often facilitates budgetary approval by avoiding the need to request periodic supplementary approvals as the future need arises. Where such provisional sums or contingency allowances are used, the SCC should state the manner in which they will be used, and under whose authority (usually the Project Manager's).

The estimated cost of specialized work to be carried out, or of special goods to be supplied, by other contractors should be indicated in the relevant part of the Bill of Quantities as a particular provisional sum with an appropriate brief description. A separate procurement procedure is normally carried out by the Employer to select such specialized contractors. To provide an element of competition among the Bidders in respect of any facilities, amenities, attendance, etc., to be provided by the successful Bidder as prime Contractor for the use and convenience of the specialist contractors, each related provisional sum should be followed by an item in the Bill of Quantities inviting the Bidder to quote a sum for such amenities, facilities, attendance, etc.

Bill of Quantities

SECTION VI

Bill of Quantities(Summary)

Tender No: Re-NEA/DCSD/PTSD/MMTL/074/75-01

S.N.	Descriptions	Unit	Quantity	In Figure (NRs)	In Words (NRs)	Amount (NRs)
A.	PRE - CONSTRUCTION SURVEY WORKS					
A.1	Pre - Construction Survey, Geographical Maping, Drawing, Staking Preparation of Structure Data Sheet, Single Line Diagram & Final Bill of Quantity etc.as required.	km	22			
	TOTAL OF PART A					
B. SUPPLY AND DELIVERY OF 11 MTR STEEL TELESCOPIC POLE, ACSR 150mm2 ACSR WOLF CONDUCTOR, 33 KV INSULATOR AND HARDWARES, AND LINE MATERIALS INCLUDING TRANSPORTATION TO SITE STORE ALL COMPLETE						
B.1	11 mtr Steel Telescopic Single Arm type pole, fittings and accessories all complete for 33 kv line (Type 1)	Set	308			
B.2	11 mtr Steel Telescopic Double Arm Type pole, fittings and accessories all complete for 33 kv line (Type 2)	Set	44			
B.3	11 mtr Steel Telescopic Dead End Type pole, fittings and accessories all complete for 33 kv line (Type 3)	Set	22			
B.4	11 mtr Steel Telescopic Double Dead End Type pole, fittings and accessories all complete for 33 kv line(Type 4)	Set	22			
B.5	11 mtr Steel Telescopic H-Type pole, (With out top and bottom cross bracing) fittings and accessories all complete for 33 kv line (Type 5)	Set	44			
B.6	11 mtr Steel Telescopic H-Type pole, (With top and bottom corss bracing) fittings and accessories all complete for 33 kv line (Type 6)	Set	22			

B.7	ACSR Conductor "WOLF"(0.150 Sq. Inch, 67.34 KN)	Km	69.30			
B.8	Preformed Binding Wire suitable for ACSR "Wolf"	LOT	1			
B.9	PG Aluminium Clamp suitable for ACSR Wolf 150 mm2 Conductor	Nos	198			
B.10	33 kV Stay Set all complete	Set	528			
	TOTAL OF PART B					
C.	**ERECTION AND INSTALLATION WORK ALL COMPLETE INCLUDING TRANSPORTATION UP TO CONSTRUCTION SITE**					
	Erection of 11m Steel Telescopic Tubular poles including transportation from the site store to the construction site, excavation of footing, making pole vertical and placing in footing, ramming back, filling of soil for strengthening, compaction, fitting accessories (Channels and angles) all complete					
C.1	11 mtr Steel Telescopic Single Arm type pole, fittings and accessories all complete for 33 kv line (Type 1)	Set	308			
C.2	11 mtr Steel Telescopic Double Arm Type pole, fittings and accessories all complete for 33 kv line (Type 2)	Set	44			
C.3	11 mtr Steel Telescopic Dead End Type pole, fittings and accessories all complete for 33 kv line (Type 3)	Set	22			
C.4	11 mtr Steel Telescopic Double Dead End Type pole, fittings and accessories all complete for 33 kv line(Type 4)	Set	22			
C.5	11 mtr Steel Telescopic H-Type pole, (With out top and bottom corss bracing) fittings and accessories all complete for 33 kv line (1 Set =2 Nos.) (Type 5)	Set	44			
C.6	11 mtr Steel Telescopic H-Type pole, (With top and bottom corss bracing) fittings and accessories all complete for 33 kv line (1 Set =2 Nos.) (Type 6)	Set	22			

	Stringing of 150mm^2 ACSR WOLF Conductor including installation of Insulator & Hardware, Binding Wire, Jointing Sleeves, PG Clamp etc. all complete for 33 KV , 11 KV line					
C.7	Stringing of 150mm^2 ACSR WOLF Conductor to the required tensión including installation of Insulator & Hardware, Binding Wire, Jointing Sleeves, PG Clamp etc. all complete for 33 kv line	3 wire /km	22			
C.8	Installation of HT stay set including pit excavation, backfilling, compaction, stay wire and stay insulator & Hardwares fitting all complete.	Set	528			
C.9	Preparation of Final As Built Drawing & Testing / Commissioning All Complete and Handover to NEA.	km	22			
	TOTAL OF PART C					
					TOTAL (A+B+C)	
					VAT @ 13%	
					GRAND TOTAL	

Note: Unit Price shall include all custom duties and taxes as per prevailing laws/regulations, transportation cost to the final destination and insurance

Amount in words:……

……

Name and Seal of the Bidder:…….....

Date**:**

Authorized Signature:

NEPAL ELECTRICITY AUTHORITY

(An Undertaking of Government of Nepal)

Distribution and Consumer Services Directorate

Planning and Technical Services Department

Madankudari-Makaibari-Singati 33 kV Transmission Line Project

Durbarmarg, Kathmandu

Price Schedule

Construction Unit – 1

Pre-Construction Survey & Engineering

S. No.	Description	Unit	Qty	Rate	Amount
1	Pre - Construction Survey & Engineering, Geographical Mapping, Drawing, Staking Preparation of Structure Data Sheet, Single Line Diagram & Final Bill of Quantity etc as required.	km	1		

Name & Sign (Authorized Representative) ……..

Date……

Bidder's Seal ……

NEPAL ELECTRICITY AUTHORITY B-10

(An Undertaking of Government of Nepal)
Distribution and Consumer Services Directorate
Planning and Technical Services Department
Madankudari-Makaibari-Singati 33 kV Transmission Line Project
Durbarmarg, Kathmandu

Price Schedule

Construction Unit - 2
Polling Work

Type	Description	Unit	Qty	Rate (NRs.)	Amount (NRs.)
Type 1 (33 kV, O/H, Single Arm, Single Pole Structure)					
Type 1 (33 kV, O/H Line, Single pole Single arm structure)	**Material Details**				
	Steel Telescopic Pole.(Fully Galvanized) 11 Meter	Nos.	1		
	33 kv pin insulator with spindle (10 KN)	Nos.	3		
	Steel Crossarm Channel (100×50×7.5×300 mm)(fully galvanized)	Nos.	1		
	Pole Clamp with Nut, Bolt and Washers (TC1)	Set	1		
	Steel Crossarm Channel (100×50×7.5×1900 mm)(fully galvanized)	Nos.	1		
	Pole Clamp with Nut, Bolt and Washers (TC2)	Set	1		
	Flat Crossarm Brace (40×6×760 mm) (fully galvanized)	Nos.	2		
	Sub-total				

	Labor Works Details				
	Erection of 11 m Steel Telescopic Poles, digging, back filling of soil, fitting of chhannels all complete works etc.	Nos.	1		
	Sub-total				

Name & Sign (Authorized Representative) ……..

Date……

Bidder's Seal ……

Type 2 (33 kV, O/H, Single Pole, Double Arm Structure)					
Type 2 (33 kV, O/H, Single Pole, Double Arm Structure)	**Material Details**	**Unit**	**Qty**	**Rate (NRs.)**	**Amount (NRs.)**
	Steel Telescopic Pole.(Fully Galvanized) 11 Meter	Nos.	1		
	33 kv pin insulator with spindle (10 KN)	Nos.	6		
	Steel Crossarm Channel (100×50×7.5×300 mm)(fully galvanized)	Nos.	2		
	Steel Crossarm Channel (100×50×7.5×1900 mm)(fully galvanized)	Nos.	2		
	Flat Crossarm Brace (40×6×760 mm) (fully galvanized)	Nos.	4		
	Bolts with suitable nuts and washers(12*51) mm	set	4		
	Bolts with suitable nuts and washers(16*305) mm	set	1		
	Double Arming Bolt with suitable nuts and Washers (16*305mm)	set	4		
	Sub-total				
	Labor Works Details				
	Erection of 11 m Steel Telescopic Poles, digging, back filling of soil, fitting of chhannels all complete works etc.	Nos.	1		
	Sub-total				

Name & Sign (Authorized Representative) …….....

Date……

Bidder's Seal ……

Type 3 (33 kV, O/H, Single Pole, Single Arm, Dead End Structure)					
Type 3 (33 kV, O/H, Single Pole, Single Arm, Dead End Structure)	**Material details**	**Unit**	**Qty**	**Rate (NRs.)**	**Amount (NRs.)**
	Steel Telescopic Pole.(Fully Galvanized) 11 Meter	Nos.	1		
	11 Kv Disc Insulator with deadend clamp(70 KN)	Nos.	9		
	Tension set with Brack Strap, Ball and Socket Eye	Nos.	3		
	Steel Crossarm Channel (100×50×7.5×300 mm)(fully galvanized)	Nos.	1		
	Pole Clamp with Nut, Bolt and Washers (TC1)	set	1		
	Steel Crossarm Channel (100×50×7.5×1900 mm)(fully galvanized)	Nos.	1		
	Pole Clamp with Nut, Bolt and Washers (TC2)	set	1		
	Flat Crossarm Brace (40×6×760 mm) (fully galvanized)	Nos.	2		
	Bolts with suitable nuts and washers(12*51) mm	set	2		
	Bolts with suitable nuts and washers(16*305) mm	set	1		
	Sub-total				
	Labor Works Details				
	Erection of 11 m Steel Telescopic Poles, digging, back filling of soil, fitting of channels all complete works etc.	Nos.	1		
	Sub-total				

Name & Sign (Authorized Representative) …….....

Date……

Bidder's Seal ……

Type 4 (33 kV O/H Line, Single Pole, Double Dead End Structure)					
Type 4 (33 kV O/H Line, Single Pole, Double Dead End Structure)	**Material details**	**Unit**	**Qty**	**Rate (NRs.)**	**Amount (NRs.)**
	Steel Telescopic Pole.(Fully Galvanized) 11 Meter	Nos.	1		
	33 kV pin insulator with spindle (10 KN)	Nos.	4		
	11 kV Disc Insulator with dead end clamp (70 KN)	Nos.	18		
	Tension set with Back Strap, Ball and Socket Eye	set	6		
	PG clamp	set	6		
	Steel Crossarm Channel (100×50×7.5×300 mm) (fully galvanized)	Nos.	2		
	Steel Crossarm Channel (100×50×7.5×1900 mm) (fully galvanized)	Nos.	2		
	Flat Crossarm Brace (40×6×760 mm) (fully galvanized)	Nos.	4		
	Bolts with suitable nuts and washers(12*51) mm	set	12		
	Bolts with suitable nuts and washers(16*305) mm	set	1		
	Double Arming Bolt with Suitable Nuts and Washers(16*305)	set	4		
	Strap for Insulator String	Nos.	4		
	Sub-total				
	Labor Works Details				
	Erection of 11 m Steel Telescopic Poles, digging, back filling of soil, fitting of channels all complete works etc.	Nos.	1		
	Sub-total				

Name & Sign (Authorized Representative) …….....

Date……

Bidder's Seal ……

Type 5 (33 kV O/H Line, Double pole, Double Arm Structure)					
Type 5 (33 kV O/H Line, Double pole, Double Arm Structure)	**Material details**	**Unit**	**Qty**	**Rate (NRs.)**	**Amount (NRs.)**
	Steel Telescopic Pole.(Fully Galvanized) 11 Meter	Nos.	2		
	33 kV pin insulator with spindle (10 KN)	Nos.	3		
	11 kV Disc Insulator with dead end clamp (70 KN)	Nos.	18		
	Tension set with Back Strap, Ball and Socket Eye	set	6		
	PG clamp	set	6		
	Cross arm Channel (100×50×7.5×3300 mm)(fully galvanized)	Nos.	2		
	Strap for Insulator String (33 kV) (50*6*404) mm	Nos.	6		
	Bolt with Suitable Nuts and Washers(12*51)	set	12		
	Double Arming Bolt with Suitable Nuts and Washers(16*305)	set	4		
	Sub-total				
	Labor Works Details				
	Erection of 11 m Steel Telescopic Poles, digging, back filling of soil, fitting of channels all complete works etc.	Nos.	2		
	Sub-total				

Name & Sign (Authorized Representative) …….....

Date……

Bidder's Seal ……

Type 6 (33 kV O/H Line, Double pole, H Structure)					
Type 6 (33 kV O/H Line, Double pole, H Structure)	**Material details**	**Unit**	**Qty**	**Rate (NRs.)**	**Amount (NRs.)**
	Steel Telescopic Pole.(Fully Galvanized) 11 Meter	Nos.	2		
	33 kV pin insulator with spindle (10 KN)	Nos.	3		
	11 kV Disc Insulator with dead end clamp (70 KN)	Nos.	18		
	Tension set with Back Strap, Ball and Socket Eye	set	6		
	PG clamp	set	6		
	Cross arm Channel (100×50×7.5×3300 mm)(fully galvanized)	Nos.	2		
	Strap for Insulator String (33 kV) (50*6*404) mm	Nos.	6		
	Bracing Angle (40*40*5*2416) mm	Nos.	2		
	Cross Bracing Angle (40*40*5*2872) mm	Nos.	2		
	Bolt with Suitable Nuts and Washers (12*51) mm	set	17		
	Double Arming Bolt with Suitable Nuts and Washers(16*305)	set	4		
	Pole Clamp with Nut, Bolt and Washers (TC4)	set	2		
	Pole Clamp with Nut, Bolt and Washers (TC5)	set	2		
	Sub-total				
	Labor Works Details				
	Erection of 11 m Steel Telescopic Poles, digging, back filling of soil, fitting of channels all complete works etc.	Nos.	2		
	Sub-total				

Name & Sign (Authorized Representative) …….....

Date……

Bidder's Seal ……

NEPAL ELECTRICITY AUTHORITY

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Distribution and Consumer Services Directorate
Planning and Technical Services Department
Madankudari-Makaibari-Singati 33 kV Transmission Line Project
Durbarmarg, Kathmandu

Price Schedule

Construction Unit – 3

ACSR Conductor Stringing Work

Type	Description	Unit	Qty	Rate (NRs.)	Amount (NRs.)
33 kV O/H, Three Phase, Three Wire	**Material details**				
	ACSR "Wolf" Conductor (0.15 sq. in.) for 33 kV Line	Km	3.15		
	Preformed Binding Wire suitable for ACSR "Wolf"	Lot	1.00		
	PG Clamp suitable for ACSR "Wolf"	Nos.	9.00		
	Sub-total				
	Labor Works Details				
	Stringing of ACSR WOLF Conductor to the required tension with all required accessories Preformed Binding wire, Jointing Sleeves, PG Clamp etc. all complete for 33 kV line	Km	1		
	Sub-total				

Name & Sign (Authorized Representative) …….....
Date……
Bidder's Seal ……

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Madankudari-Makaibari-Singati 33 kV Transmission Line Project
Durbarmarg, Kathmandu

Name & Sign (Authorized Representative) …….....

Price Schedule

Construction Unit – 4

Stay Set Installation Work

Name & Sign (Authorized Representative) …….....

Type	Description	Unit	Qty	Rate (NRs.)	Amount (NRs.)
A (Single Stay)	**Material details**				
	Stay Rod (3.14 m*19 mm)	pcs	1		
	Turn buckle(ultimate tensile strength-4200Kg/sq.cm)	pcs	1		
	Stay plate (6*600*600 mm)	pcs	1		
	Thimble (Required Size)	pcs	1		
	Stay Clamp of required size/Eye Bolt of required size	set	1		
	Preform Wire Compatible for Stay Wire of size 7/3.25 mm	set	1		
	Stay Insulator	pcs	1		
	Stay wire (7/10 SWG)	kg	7		
	Sub-total				
	Labor Works Details				
	Installation of Stay Set for different Types of Pole with all above required accessories	set	1		
	Sub-total				

Name & Sign (Authorized Representative) …….....
Date……
Bidder's Seal ……

NEPAL ELECTRICITY AUTHORITY

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Madankudari-Makaibari-Singati 33 kV Transmission Line Project

Durbarmarg, Kathmandu

Price Schedule

Construction Unit – 5

Final As Built Drawing/Documentation Work

S. No	Description	Unit	Qty	Rate (NRs.)	Amount (NRs.)
1	Preparation of Final As Built Drawing, Testing, Charging of 33 kV line and Handover with required Documentation for operation to NEA.	Km	1		

Name & Sign (Authorized Representative) …….....

Date……

Bidder's Seal ……