

NEPAL ELECTRICITY AUTHORITY
Distribution & Consumer Services Directorate
Nepalgunj Regional Office
Nepalgunj

Summary of BOQ for Supply, Delivery, Installation, Testing and Commissioning of Bay at Tikapur S/s and 11kV Line upgradation to 33 KV
FY 2074/075

S.No.	Description	Total Amount (NRs)	In Words	Remarks
1. Electrical Part				
A.	Supply, Delivery, Installation, Testing and Commissioning of Bay			
B.	Supply, Delivery and Construction of 33KV Line.			
C.	33KV Transmission Line Rehab			
	Total (Electrical Part) (A+B+C)			
	VAT 13%			
	Total Amount (Electrical Part) with VAT			
2. Civil Construction Part				
2.1	Construction of 33 KV Bay Extension at Tikapur SS Kailali Tikapur			
	VAT 13%			
	Total(Civil Part) with VAT			
Grand Total (Electrical + Civil) (NRs.) with VAT				

In Words:

Note: N/A = Not Applicable

Name of Bidder:

Seal/Stamp of Firm

Date:

Duly Authorized to sign the Bid for and on behalf of:

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FY 2074/075

S.No.	Description	Unit	Qty	Cost of Supply and Delivery at Site		Installation/Erection/Stringing, Testing and Commissioning Work		Total Amount	Remarks
				Unit Rate	In Words	Unit Rate	In Words		
A. Supply, Delivery, Installation, Testing and Commissioning of Bay									
1	Supply, Delivery, Installation, Testing and Commissioning of 33 KV, 800 A, Incoming Vacuum Circuit Breaker at Tikapur S/s.	Set	1						
2	Supply, Delivery, Installation, Testing and Commissioning of 33 KV Control and Relay Panel with all accessories for system operation at Tikapur S/s.	Set	1						
3	Supply, Delivery, Installation, Testing and Commissioning of 33 KV, 800 A Disconnecting Switch (Isolator) with Earth Switch for system operation at Tikapur S/s.	Set	2						
4	Supply, Delivery, Installation, Testing and Commissioning of 30 KV Lightning Arrestor for system operation at Tikapur S/s.	Set	1						
5	Supply, Delivery, Installation, Testing and Commissioning of 33 KV, 600/400/200/5A Current Transformer for system operation at Tikapur S/s.	Set (1 Set = 3 Nos)	1						
6	0.1 Sq.inch (Dog) Conductor, Insulators and others required hardwares and accecories	Lot	1			N/A			
	Sub-Total								
	(A)Total without VAT								
B. Supply, Delivery and Construction of 33KV Line.									
1	Supply, Delivery and Erection of 11m PSC Pole at construction site near Tikapur S/s.	Nos	10						
2	Supply and Delivery of 33KV Pin Insulator with spindle at Construction Site near Tikapur S/s.	Nos	30			N/A			
3	Supply and Delivery of Galvanized Short-T Channel (100*50*50*6.4*2250mm)	Nos	10			N/A			
4	Supply and Delivery of Galvanized Short-T (E-Type) Pole Clamp	Nos	10			N/A			
5	Supply, Delivery of 6" Nut Bolts at construction site near Tikapur S/s.	Kg	5			N/A			

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6	Supply, Delivery and Stringing of 3-Wires, 0.1 Sq. inch (Dog) Conductor with all required accessories at construction site near Tikapur S/s.	Km	0.4					
7	Supply, Delivery and Installation of 33KV Stay Set (Complete Set) at construction site near Tikapur S/s.	Set	4					
(B) Sub-Total without VAT								
C. 33KV Transmission Line Rehab								
1	Replacement of 11KV Pin Insulator with 33KV Pin Insulator with Spindle	Nos	350				N/A	
2	Replacement of 11 KV T/Channel with 33KV Galvanized Short T Channel (100*50*50*6.4*2250mm)	Nos	350				N/A	
3	Addition of 33KV Disc with one dead end clamp, Heavy duty 3 bolts	Set	120				N/A	
4	Dismantalling of 11KV 3-Wires, 0.05 Sq. Inch Conductor, 11KV T/Channel and 11KV Pin Insulator and transport it to NEA Store, Nepalgunj	Km	3			N/A		
4	Supply, Delivery and Stringing of 3-Wires, 0.1 Sq. inch (Dog) Conductor with all required accessories	Km	3					
(C) Sub-Total without VAT								
Sub-Total without VAT (A+B+C)								

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BOQ for Civil Construction part

Job: Construction of 33 KV Bay Extension at Tikapur SS kailali Tikapur

S. No	Description of works	Quantity		Unit rate		Amount	Remarks
		Unit		In Figure	In Words		
1	Equipment supports pedestals						
1.01	Site cleaning and stripping top soil all over sub-	Sqm	80.00				
1.02	Galvanized Steel structures for post beam (Gantry), equipment supporting frame etc. with all necessary accessories and fittings all complete as per site condition and as directed	MT	3.20				
1.03	E/W excavation in gravel boulder mixed soil in foundation of various structures as per site condition, specification and as directed by the site engineer	Cum	55.26				
1.04	Flat Brick soling works at foundation.	Sqm	23.84				
1.05	P.C.C. 1: 3: 6 for P.C.C. work in foundation bed as per site condition, specification and as directed by the site engineer	Cum	1.79				
1.06	P.C.C. 1: 1.5: 3 for R.C.C. work in various structures as per site condition, specification and as directed by the site engineer	Cum	18.37				
1.07	Supply cutting, bending and fixing in position of MS Reinforcement bar as per drawing, specification and as directed by site engineer.	MT	2.88				

1.08	Fixing of formwork with appropriate material (local wood) to hold the concrete in position for casting as per drawing, specification and as directed by the site engineer.	Sqm	96.98				
1.09	Earth backfilling work with compaction in foundation etc. as per site condition, specification and as directed by the site	Cum	35.10				
1.10	15 cm thick Crushed stone filling as per site condition and as directed by the site engineer.	Cum	12.00				
	Sub Total:(1)						
2	Conduit Trench						
2.01	E/W excavation in gravel boulder mixed soil in foundation of various structures as per site condition, specification and as directed by the site engineer	Cum	75.60				
2.02	P.C.C. 1: 3: 6 for P.C.C. work in foundation bed as per site condition, specification and as directed by the site engineer	Cum	9.45				
2.03	as per site condition, specification and as directed by the site engineer	Cum	8.40				
2.04	P.C.C. 1:1.5:3 in R.C.C. Precast slab work as per site condition, specification and as directed by the	Cum	6.30				
2.05	Supply cutting, bending and fixing in position of MS Reinforcement bar as per drawing, specification and as directed by site engineer.	MT	1.73				
2.06	Fixing of formwork with appropriate material (local wood) to hold the concrete in position for casting as per drawing, specification and as directed by the site engineer.	Cum	147.00				
2.07	Supply and fixing of cable holding bracket as per drawing	Rm	84.00				
	Sub Total:(2)						
	Grand Total For Civil WorksTotal:(1+2)						