

Schedule B1: Plant & Equipment Supplied from Abroad

						Foreign Currency (in)	
No.	Description (For detailed description please refer to Schedule A)	Quantity (1)	Unit	Code	Unit Price CIP (2)	Total Price CIP (3)=(1)x(2)	
132/33kV transformer replacement at Sripur 230/132/33kV AIS Substation							
1A	Power Transformer (replacement)						
1A1	132/33kV, 80/120 MVA (ONAN/ONAF), three phase outdoor type power transformers	2	set				
1A2	Connection, modification, testing & commssioning of existing Tap changer (RTCC) panel to integrate with the new replaced Transformer.	1	Lot				
1B	33kV Air Insulated Switches (AIS)						
1B1	Single-phase, 4-core, 33kV, 31.5kA/1sec, 50Hz, 170kVp BIL, post type current transformer	6	nos.				
1C	Flexible Conductor, clamps & connectors for busbar, jackbus, jumper & equipment connection (132kV transformer connection and 33kV incomer bay)						
1C1	i) Flexible conductor for replacement of existing jackbus, jumper & equipment connections (for 33kV incomer bay)	1	lot				
	ii) Replacement of existing Clamps & Connectors (132kV side of transformer connection, if required, and 33kV incomer bay)	1	lot				
1D	Insulator & fittings (33KV)						
1D	i) Fittings	1	lot				
1E	Steel structures & Cable tray						
1E.1	i) 33KV CT (3 phase) support structures including nuts & bolts	1	lot				
1F	Control, Protection, SAS & Metering						
	For 132kV Control & Protection						
1F1	Connection, modification, testing & commssioning of existing control and protection panel to integrate with 132kV Side of new replaced Transformer.	1	Lot				

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Schedule B1: Plant & Equipment Supplied from Abroad

No.	Description (For detailed description please refer to Schedule A)	Quantity (1)	Unit	Code	Foreign Currency (in)	
					Unit Price CIP (2)	Total Price CIP (3)=(1)x(2)
	For 33kV control & Protection					
1F2	Connection, modification, testing & commissioning of existing control and protection panel to integrate with 33kV Side of new replaced Transformer	1	Lot			
1G	Multicore Cables					
	Multicore, XLPE, LV Power & Control Cable for control, protection, metering & power circuits					
1G1	i) LV Control Cable	200	meter			
	ii) LV Power Cable	200	meter			
1H	Earthing & lightning protection					
1H1	Modification of existing earthing system for renovation portion	1	lot			
1I	Temporary Arrangement, Dismantling, Transporting and Handing Over					
	i) Dismantling of existing 132/33kV, 80/120MVA three phase power transformer at Sreepur Substation	1	set			
	ii) Transporting (including transport insurance) & handing over (after re-assembling of dismantled parts) of existing 132/33kV, 80/120MVA three phase power transformer from Sreepur Substation to Rupsi Substation	1	Set			
	iii) Removal of existing 132/33kV, 80/120MVA transformer from existing location at Sreepur Substation and shifting of that transformer to new location/foundation pad inside Sreepur Substation as per instruction of the grid in-charge	1	Set			
111	iv) Expert services for 02 (two) nos. of transformers transportation/shifting	1	Lot			
	v) Testing of 02 (two) nos. of transformers before and after transportation to verify mechanical and electrical integrity of the transformers due to transportation/shifting	1	Lot			
	vi) Dismantling of existing 33kV CT & hand over to store	6	nos.			





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Schedule B1: Plant & Equipment Supplied from Abroad

No.	Description (For detailed description please refer to Schedule A)	Quantity (1)	Unit	Code	Foreign Currency (in)	
					Unit Price CIP (2)	Total Price CIP (3)=(1)x(2)
	vii) Dismantling of Existing 33 KV CT support structure & hand over to store	1	lot			
	viii) Temporary connection arrangement of existing transformer during transformer foundation modification	1	no.			
1J	Complete Civil items required for outdoor works					
1J1	i) Modification of transformer pad with foundation	Refer to Schedule B4				
1K	ii) Modification of existing outdoor equipment foundation in 33kV switchyard	Refer to Schedule B4				
	Mandatory Spares					
1K1	i) Spare transformer oil	10000	Kg			
Subtotal price for 132/33kV transformer replacement at Sripur 132/33kV AIS Substation carried to Schedule 5						

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Schedule B2: Plant & Equipment Supplied from within the Employer's Country

No.	Description (For detailed description please refer to Schedule A)	Quantity (1)	Unit	Code	Local Currency (BDT)	
					Unit Price EXW (2)	Total Price EXW (3)=(1)x(2)
132/33kV transformer replacement at Sripur 230/132/33kV AIS Substation						
1A	Power Transformer (replaced)					
1A1	132/33kV, 80/120 MVA (ONAN/ONAF), three phase outdoor type power transformers	2	set			
1A2	Connection, modification, testing & commissioning of existing Tap changer (RTCC) panel to integrate with the new replaced Transformer.	1	Lot			
1B	33kV Air Insulated Switches (AIS)					
1B1	Single-phase, 4-core, 33kV , 31.5kA/1sec, 50Hz, 170kVp BIL, post type current transformer	6	nos.			
1C	Flexible Conductor, clamps & connectors for busbar, jackbus, jumper & equipment connection (132kV transformer connection and 33kV incomer bay)					
1C1	i) Flexible conductor for replacement of existing jackbus, jumper & equipment connections (for 33kV incomer bay)	1	lot			
	ii) Replacement of existing Clamps & Connectors (132kV side of transformer connection, if required, and 33kV incomer bay)	1	lot			
1D	Insulator & fittings (33KV)					
1D1	i) Fittings	1	lot			
1E	Steel structures & Cable tray					
1E.1	i) 33KV CT (3 phase) support structures including nuts & bolts	1	lot			
1F	Control, Protection SAS & Metering					
	For 132kV control & Protection					
1F1	Connection, modification, testing & commissioning of existing control and protection panel to integrate with 132kV Side of new replaced Transformer.	1	Lot			
	For 33kV control & Protection					

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Schedule B2: Plant & Equipment Supplied from within the Employer's Country

No.	Description (For detailed description please refer to Schedule A)	Quantity (1)	Unit	Code	Local Currency (BDT)	
					Unit Price EXW (2)	Total Price EXW (3)=(1)x(2)
1F2	Connection, modification, testing & commissioning of existing control and protection panel to integrate with 33kV Side of new replaced Transformer	1	Lot			
1G	Multicore Cables					
1G1	Multicore, XLPE, LV Power & Control Cable for control, protection, metering & power circuits					
	i) LV Control Cable	200	meter			
	ii) LV Power Cable	200	meter			
1H	Earthing & lightning protection					
1H1	Modification of existing earthing system for renovation portion	1	lot			
1I	Temporary Arrangement, Dismantling, Transporting and Handing Over					
1I1	Dismantling of existing 132/33kV, 80/120MVA three phase power transformer at Sreepur Substation	1	set			
	Transporting (including transport insurance) & handing over (after re-assembling of dismantled parts) of existing 132/33kV, 80/120MVA three phase power transformer from Sreepur Substation to Rupsi Substation	1	Set			
	Removal of existing 132/33kV, 80/120MVA transformer from existing location at Sreepur 230/132/33kV AIS Substation and shifting of that transformer to new location/foundation pad inside Sreepur 230/132/33kV AIS Substation as per instruction of the grid in-charge	1	Set			
	Expert services for 02 (two) nos. of transformers shifting	1	Lot			
	Testing of 02 (two) nos. of transformers before and after transportation to verify mechanical and electrical integrity of the transformers due to transportation/ shifting	1	Lot			




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Schedule B2: Plant & Equipment Supplied from within the Employer's Country

No.	Description (For detailed description please refer to Schedule A)	Quantity (1)	Unit	Code	Local Currency (BDT)	
					Unit Price EXW (2)	Total Price EXW (3)=(1)X(2)
	vi) Dismantling of existing 33kV CT & hand over to store	6	nos.			
	vii) Dismantling of Existing 33 KV CT support structure & hand over to store	1	lot			
	viii) Temporary connection arrangement of existing transformer during transformer foundation modification	1	no.			
1J	Complete Civil items required for outdoor works					
1J1	i) Modification of transformer pad with foundation	Refer to Schedule B4				
	ii) Modification of existing outdoor equipment foundation in 33kV switchyard					
1K	Mandatory Spares					
1K1	i) Spare transformer oil	10000	Kg			
Subtotal price for 132/33kV transformer replacement at Sripur 132/33kV AIS Substation carried to Schedule 5						

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Schedule B3: Design Services

No.	Description (For detailed description please refer to Schedule A)	Unit	Quantity (1)	Foreign Currency (in)		Local Currency (BDT)	
				Unit Price Foreign Portion (2)	Total Price Foreign Portion (3)=(1)x(2)	Unit Price Local Portion (4)	Total Price Local Portion (5)=(1)x(4)
1	132/33kV transformer replacement at Sripur 230/132/33kV AIS Substation						
	Design and engineering services, local and foreign part	Lump sum	1				
Subtotal price carried to Schedule 5							

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Schedule B4: Installation and Other Services

No.	Description (For detailed description please refer to Schedule A)	Quantity (1)	Unit	Code	Foreign Currency (in)		Local Currency (in BDT)	
					Unit Price (2)	Total Price (3)=(1)x(2)	Unit Price (4)	Total Price (5)=(1)x(4)
132/33kV transformer replacement at Sripur 230/132/33kV AIS Substation								
1A	Power Transformer (replacement)							
1A1	132/33kV, 80/120 MVA (ONAN/ONAF), three phase outdoor type power transformers	2	set					
1A2	Connection, modification, testing & commissioning of existing Tap changer (RTCC) panel to integrate with the new replaced Transformer.	1	Lot					
1B	33kV Air Insulated Switches (AIS)							
1B1	Single-phase, 4-core, 33kV, 31.5kA/1sec, 50Hz, 170kVp BIL, post type current transformer	6	nos.					
1C	Flexible Conductor, clamps & connectors for busbar, jackbus, jumper & equipment connection (132kV transformer connection and 33kV incomer bay)							
1C1	i) Flexible conductor for replacement of existing jackbus, jumper & equipment connections (for 33kV incomer bay)	1	lot					
	ii) Replacement of existing Clamps & Connectors (132kV side of transformer connection, if required, and 33kV incomer bay)	1	lot					
1D	Insulator & fittings (33KV)							
1D1	i) Fittings	1	lot					
1E	Steel structures & Cable tray							
1E.1	i) 33kV CT (3 phase) support structures including nuts & bolts	1	lot					
1F	Control, Protection SAS & Metering							
1F1	For 132kV control & Protection							
	Connection, modification, testing & commissioning of existing control and protection panel to integrate with 132kV Side of new replaced Transformer.	1	Lot					
1F2	For 33kV control & Protection							
	Connection, modification, testing & commissioning of existing control and protection panel to integrate with 33kV Side of new replaced Transformer	1	Lot					
1G	Multicore Cables							
	Multicore, XLPE, LV Power & Control Cable for control, protection, metering & power circuits							

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1G1	i)	LV Control Cable	200	meter				
	ii)	LV Power Cable	200	meter				
1H		Earthing & lightning protection						
1H1		Modification of existing earthing system for renovation portion						
1I		Temporary Arrangement, Dismantling, Transporting and Handing Over						
	i)	Dismantling of existing 132/33kV, 80/120MVA three phase power transformer at Sreepur Substation	1	set				
	ii)	Transporting (including transport insurance) & handing over (after re-assembling of dismantled parts) of existing 132/33kV, 80/120MVA three phase power transformer from Sreepur Substation to Rupsi Substation	1	Set				
1I1	iii)	Removal of existing 132/33kV, 80/120MVA transformer from existing location at Sreepur Substation and shifting of that transformer to new location/foundation pad inside Sreepur Substation as per instruction of the grid in-charge	1	Set				
	iv)	Expert services for 02 (two) nos. of transformers shifting	1	Lot				
	v)	Testing of 02 (two) nos. of transformers before and after transportation to verify mechanical and electrical integrity of the transformers due to transportation/ shifting	1	Lot				
	vi)	Dismantling of existing 33kV CT & hand over to store	6	nos.				
	vii)	Dismantling of Existing 33 KV CT support structure & hand over to store	1	lot				
	viii)	Temporary connection arrangement of existing transformer during transformer foundation modification	1	no.				
1J		Complete Civil items required for outdoor works						
	i)	Modification of transformer pad with foundation	2	nos.				
1J1	ii)	Modification of existing outdoor equipment foundation in 33kV switchyard	1	lot				
Subtotal price for 132/33kV transformer replacement at Sripur 132/33kV AIS Substation carried to Schedule 5								

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Schedule B5: Grand Summary (Schedules 1 to 4)

		Total Price	
		Foreign Currency (in.....)	Local Currency (in BDT)
132/33kV transformer replacement at Sripur 230/132/33kV AIS Substation			
Schedule No. B1:	Plant & Equipment Supplied from Abroad		
Schedule No. B2:	Plant & Equipment Supplied from within the Employer's Country		
Schedule No. B3:	Design Services		
Schedule No. B4:	Installation and Other Services		
132/33kV transformer replacement at Sripur 230/132/33kV AIS Substation			
Grand Total			

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