

NEPAL ELECTRICITY AUTHORITY

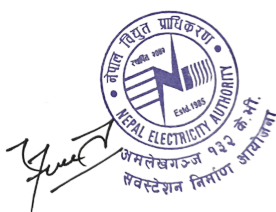
Project Management Directorate

Amlekhgunj 132 kV Substation Construction Project

PMD/PTDEEP/ASCP/2079/80-01: Procurement of Plant for "Design, Supply, Installation, Testing and Commissioning of Amlekhgunj 132/66/11 kV GIS Substation"

AMENDMENT NO. 2 TO BIDDING DOCUMENT

S. No	Reference of Document	Existing provision	Amended as
1	Volume-I, Section-2, Bid Data Sheet Clause No. ITB 24.1	The Deadline for Bid Submission is Date: 11 th December, 2022 Time: 12:00 Noon (Local Time)	The Deadline for Bid Submission is Date: 22 nd December, 2022 Time: 12:00 Noon (Nepal Standard Time)
2	Volume-I, Section-2, Bid Data Sheet Clause No. ITB 27.1	The Bid Opening of Technical Bids shall take place at: Date: 11 th December, 2022 Time: 12:30 Noon (Local Time)	The Bid Opening of Technical Bids shall take place at: Date: 22 nd December, 2022 Time: 12:30 Noon (Nepal Standard Time)
3	Volume III Schedule 4(a): Installation and Construction Charges	The Bidders shall quote the price in Nepalese currency (in NPR)	Please follow the changed format.



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PROJECT MANAGEMENT DIRECTORATE
Amlekhgunj 132kV Substation Construction Project

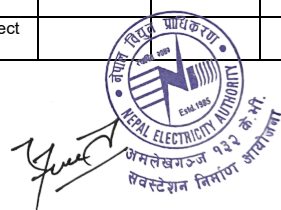
ADB Loan No: 3542 - NEP: Power Transmission and Distribution Efficiency Enhancement Project

OCB No. : PMD/PTDEEP/ASCP/2079/80-01: Design, Supply, Installation, Testing and Commissioning of Amlekhgunj 132/66/11kV GIS Substation

Schedule No. 4: Installation and Other Services

(a): Installation and Construction Charges

Sl. No.	Item Description	Installation Charges								Remarks
		Country of Origin	Type & Designation	Unit	Qty.	Portion in Foreign Currency (in USD)		Portion in Nepalese Currency (in NPR)		
						Unit Rate	Total Charges	Unit Rate	Total Charges	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)x(7)	(7)	(8)=(6)x(7)	
PART I	132/66/11kV GIS Amlekhgunj Substation									
	PART - A: OWNER ASSESSED QUANTITIES									
A1.1	POWER TRANSFORMER									
1	100 MVA, 132/66 kV Three Phase Power Transformer (without transformer Oil)			Nos.	2					
2	Insulating oil for the above Power Transformer			Lot	2					
A1.2	POWER TRANSFORMER									
1	Transportation of 10 MVA, 66 /11 kV Three Phase Power Transformer from NEA Hetauda Grid to Amlekhgunj and installation & commissioning of above transformer			Nos.	2					
B	LT Transformer									
1	315 KVA 11/0.400 kV			Nos.	2					
C	145kV Equipment									
C.1	145KV GIS Equipment									
1.1	145kV, SF6 GIS Bus Bars Module [Module description as per Technical Project specification]			Sets	2					
1.2	145kV, SF6 GIS Bus Coupler bay Module [Module description as per Technical Project specification]			Set	1					
1.3	145kV, SF6 GIS Line bay Module [Module description as per Technical Project specification]			Sets	6					
1.4	145kV, SF6 GIS ICT feeder bay Module for 132/66 kV 3-ph Transformer [Module description as per Technical Project specification]			Sets	2					
1.5	SF6 Gas Insulated Bus Duct (GIB) outside GIS hall including Bus Duct support structure and associated accessories									
1.5.1	145kV, 1600A, 31.5kA, 1sec three phase			Mtr.	200					
1.6	145kV, SF6/Air Bushing for Connecting GIS to AIS alongwith support structure									
1.6.1	1600A, 31.5kA, 1sec single phase			Set	12					
D	72.5kV Equipment									
D.1	72.5 KV GIS Equipment									
1.1	72.5kV, SF6 GIS Bus Bars Module [Module description as per Technical Project specification]			Sets	2					
1.2	72.5kV, SF6 GIS Bus Coupler bay Module [Module description as per Technical Project specification]			Set	1					

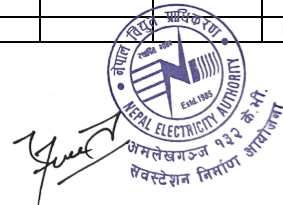


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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)x(7)	(7)	(8)=(6)x(7)	
1.3	72.5kV, SF6 GIS Line bay Module [Module description as per Technical Project specification]			Sets	6					
1.4	72.5kV, SF6 GIS ICT feeder bay Module for 132/66 kV 3-ph Transformer [Module description as per Technical Project specification]			Sets	2					
1.5	72.5kV, SF6 GIS ICT feeder bay Module for 66/11 kV 3-ph Transformer [Module description as per Technical Project specification]			Sets	2					
E.1	145kV EQUIPMENT (AIS)									
1.0	120 kV Surge Arrestors (1-Phase)			Nos.	18					
2.0	145 KV Bus Post Insulator			Nos.	30					
E.2	72.5kV EQUIPMENT (AIS)									
1.0	60 kV Surge Arrestors (1-Phase)			Nos.	24					
2.0	72.5 KV Bus Post Insulator			Nos.	36					
F	11 KV EQUIPMENT									
1	9 kV Surge Arrester (1 ph.)			Nos	45					
2	12kV HDB Isolator			set	15					
G	11kV, 25 kA (3 Phase) Indoor switch gear panel									
1.0	11 kV Indoor VCB Switchgear									
1.1	11kV 2500A Incomer			Nos	2					
1.2	11kV 1250A Outgoing			Nos	8					
1.3	11kV 2500A Buscoupler			Nos	1					
1.4	11kV 2500A Trunking			Nos	1					
H	Testing & Maintenance Equipment for GIS									
1	SF6 Gas processing Unit			Set	1					
2	Partial Discharge Monitoring System			Set	1					
3	Dew Point Meter			Set	1					
4	SF6 Gas Leak Detector			Set	1					
5	Portable Ladder with adustable height as per TS			Nos.	1					
6	Online monitoring Equipment of fault gases and moisture in 132/66 kV Power Transformer as per specification			Set	2					
7	Bushing online Monitoring equipment for 132/66 kV Power Transformer as per specification			Set	2					
8	EOT crane for 132 kV and 66 kV GIS Hall			Set	1					
I	RELAY PANELS (WITH AUTOMATION)									
1	132 kV									
1.1	Line Control and Protection Panel			Nos.	4					

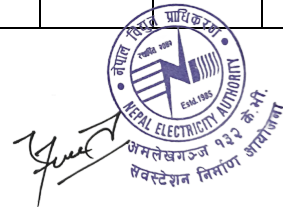


OCB No. : PMD/PTDEEP/ASCP/2079/80-01: Design, Supply, Installation, Testing and Commissioning of Amlekhgunj 132/66/11kV GIS Substation

Schedule No. 4: Installation and Other Services

(a): Installation and Construction Charges

Sl. No.	Item Description	Installation Charges								Remarks
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1.2	Line Control Panel and relay panel with directional overcurrent and earth fault relay for spare bay			Nos.	2					
1.3	Transformer Control and Protection Panel (For both HV & MV side)			Nos.	2					
1.4	Bus Coupler Control and Protection Panel			Nos.	1					
1.5	Bus Bar Protection Panel			set	1					
2	66 kV									
2.1	Line Control and Protection Panel			Nos.	4					
2.2	Line Control Panel and relay panel with directional overcurrent and earth fault relay for spare bay			Nos.	2					
2.3	Transformer Control and Protection Panel (For both HV & MV side)			Nos.	2					
2.4	Bus Coupler Control and Protection Panel			Nos.	1					
2.5	Bus Bar Protection Panel			set	1					
3	Other/Common equipments Pertaining to C & R System									
3.1	C/R Panel for Station Transformer			Nos	2					
3.2	Time Synchronisation Equipment			No.	1					
3.3	Relay Test kit			No.	1					
J	SUBSTATION AUTOMATION									
1	Substation Automation System as per Technical Specification:									
1.1	132kV System			Nos	9					
1.2	66 kV System			Nos	11					
1.3	11 kV System			LS	1					
1.4	BCU for auxiliary system			set	1					
K	Digital Protection Coupler & IP-PBAX									
1	Digital Protection Coupler			Nos	8					
2	IP- PBAX with per TS			Set	1					
L	LT Switchgear (As per Technical specification)									
1	400V Main switchboard			Set	1					
2	400V ACDB			Set	1					
3	400V MLDB			Set	1					
4	400V Emergency LDB			Set	1					
5	220V DCDB			Set	1					




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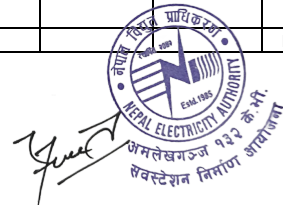
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6	48V DCDB			Set	1					
M	Batteries									
1	220V									
i	600 AH			Nos	2					
2	48V									
i	600AH			Nos	2					
N	Float Cum Boost Battery Charger									
1	220V Float Cum Boost Battery Charger									
i	80A/80A			Nos	2					
2	48V Float Cum Boost Battery Charger									
i	80A/80A			Nos	2					
O	Diesel Generator with control Panel									
a	125 kVA			Set	1					
P	Fire Protection System									
1	Portable /Trolley/Wheel mounted extinguishers									
1.1	9 litre water type			Nos	2					
1.2	50 litre foam type			Nos	2					
1.3	4.5 kg CO ₂ type			Nos	6					
1.4	4.5 kg Dry Chemical Power (DCP) type			Nos	2					
2.0	Smoke detection system			Set	1					
3.0	Fire detection and Alarm System			Set	1					
Q	Cables along with clamps, glands, lugs and straight joints etc.									
1.0	11kV HT 3C, 400 Sq.mm Aluminum Cable alongwith accessories and termination equipments for termination of 11 kV Line			KM	3					
2.0	11kV HT 3C, 400 Sq.mm Aluminum Cable alongwith accessories and termination equipments for termination of 11 kV LT Transformer			KM	0.25					
3.0	11kV HT Cable (1CX800 SQmm) Copper for 11k kV side of 66/11 kV Transformer alongwith accessories and termination equipments			KM	0.7					
4.0	Power Cables - (145kV grade)									
i	1Cx800 sqmm (XLPE) copper cable for line bay along with termination and jointing arrangement as per TS			KM	0.7					


 नेपाल विद्युत् प्राधिकरण
 NEPAL ELECTRICITY AUTHORITY
 स्थापना १९७२
 भक्तलेखगञ्ज १३२ का.मं.
 सवस्टेशन निर्माण शाखाकाठमाडौं

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ii	1Cx1200 sqmm (XLPE) copper cable for Transformer bay along with termination and jointing arrangement as per TS			KM	0.25					
5.0	Power Cables - (72.5kV grade)									
i	1Cx800 sqmm (XLPE) copper cable for line bay along with termination and jointing arrangement as per TS			KM	1.3					
ii	1Cx800 sqmm (XLPE) copper cable for Transformer bay along with termination and jointing arrangement as per TS			KM	1.3					
5	Power Cables - (1.1kV grade)									
5.1	3.5Cx300 sqmm (XLPE) cable for filter Machine along with 2 nos outdoor receptacles - 250A			KM	0.25					
R	Air conditioning									
1	High wall type split AC unit of 2 TR capacities for control room, relay room and battery room			Nos.	25					
S	STEEL STRUCTURES (Tower,Gantry structures& Equipment support structures)									
A.	LILO Towers (design on reliability level 2)									
A.1	Erection of 132 kV DDE Type Special Tower & tower parts, tower/leg extensions (complete) including stubs, bolts and nuts, step bolts, hangers, D-shackles, pack plates, pack washers etc)			Nos	2					
A.2	Erection of 66 kV DDE Type Special Tower & tower parts, tower/leg extensions (complete) including stubs, bolts and nuts, step bolts, hangers, D-shackles, pack plates, pack washers etc)			Nos	2					
B	Lattice/pipe Structure for towers,beams and equipments including peak plates/pack washers and guest paltes including foundation bolts(nuts,washers,MS plate welded at the bottom)									
B.1	Lattice stucture & foundation bolts			MT	25					
B.2	Pipe Structure including Foundation Bolts .			MT	2					
B.3	Fastners for towers,beams and equipment support strcutures			MT	2					
T	Communication Equipment (detail as per TS)									
2	Transmission Equipment									
	Telecommunication Equipments									
2.1	SDH Equipment (STM-4 MADM upgradable to STM - 16 upto 4 MSP protected directions)									
i)	Base Equipment (Common cards, Cross Connect/control cards, optical base cards, power supply cards, power cabling, other hardware and accessories including sub racks, patch cord, DDF etc fully equiped excluding (ii) & (iii) below, integration with existing SDH equipments at Kamane 132kV, Pathalaiya 132 kV, Hetauda 66kV, Simara 66kV Substations .			No.	1					
(ii)	Optical Interface Cards/SFP									
(a)	S4.1 SFP			Nos.	2					

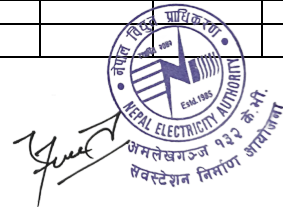


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(b)	L4.1 SFP			Nos.	2					
(c)	L4.2 SFP			Nos.	4					
(iii)	Tributary cards									
(a)	E1 Interface card (Min.8 interfaces per card)			Nos.	2					
(b)	Giga -Ethernet Interface 10/100/1000 Mbps Base T with Layer-2 switching (Min 4 Interfaces per card)			No.	2					
1.1.2	Equipment Cabinets			No	1					
1.1.3	VOIP telephone instrument with one common POE+ switch (min. 8 port)			set	2					
SUB TOTAL PART-A										
PART-B: VENDOR ASSESSED QUANTITIES										
A	Erection Hardware :-Insulator strings, Disc Insulators, Hardware, conductor, bus-bar materials, cable trays, clamps, spacers, connectors including connectors for Auto Transformer, Junction box, earthwire, earthing material risers, buried cable trenches/pipe of equipment & lighting, all accessories etc. for the following:									
1	132 kV DM-type layout for GIS termination arrangement									
1.1	Line Bay			Set	4					
1.2	Transformer Bay			Set	2					
2	66 kV DM-type layout for GIS termination arrangement									
1.1	Line Bay			Set	4					
1.2	Transformer Bay			Set	2					
B	Air conditioning & ventilation System									
1	Ventilation & Airconditioning system (as per technical specification)									
1.1	132 kV and 66 kV GIS Hall			LS	1					
C	illumination System									
1.1	Substation Lighting									
1.1.1	Control Room cum administrative building illumination			LS	1					
1.1.2	132kV and 66kV GIS Building			LS	1					
1.2	Security Room			LS	1					
1.3	Fire fighting Room			LS	1					
1.4	Outdoor and Street Lighting			LS	1					
1.5	Occupancy sensor			LS	1					
1.6	Township Area Lighting			LS	1					

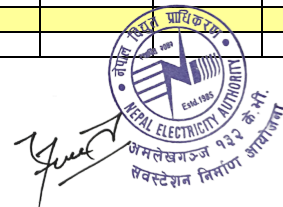


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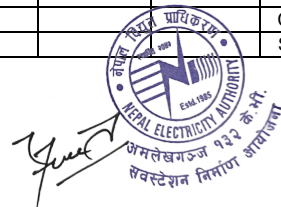
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D	Fire Protection System per technical Specification)									
1	Pumping arrangement for HVW system & hydrant system, complete with all piping, valves, fittings, etc. inside pump house			Set	1					
2	Hydrant system, complete U/G piping and accessories etc. outside the Pump House.			Set	1					
3	HVW spray system, Hydrant system and complete U/G & O/G piping and accessories etc. outside the pump house for Transformer :									
3.1	100 MVA, 132/66 kV Three Phase Transformer			Nos	2					
3.2	10 MVA, 66/11 kV Three phase transformer			Nos	2					
E	POWER & CONTROL CABLES									
1	1.1 kV LV Cables									
1.1	Power Cables(PVC)- (1.1kV grade)			LS	1					
1.2	Control Cable (PVC)- (1.1kV grade)			LS	1					
1.3	Cable glands, lugs & straight through joints for Power & Control cables			LS	1					
F	Visual Monitoring System for watch & ward as per technical specification			LS	1					
G	Earthing and lightning protection including necessary connectors/connections, risers etc. complete in all respect(but excluding LM structures for Lightning protection)									
1.0	Earth Conductor (copper)			LS	1					
2.0	Earth Rod (copper clad steel)			LS	1					
3.0	Equipment for lightning protection			LS	1					
H	Cable Termination Equipments									
1	Cable Sealing Ends, terminations suitable for termination at 132 kV end			Nos	12					
2	Cable Sealing Ends, terminations suitable for termination at 66 kV end			Nos	12					
I	SUBSTATION AUTOMATION									
1	Integration of all 132/66/11 kV Bays under present scope with the SCADA of SIEMENS (SINAUT Spectrum) at Load Dispatch Centre, Kathmandu including supply of Hardware, Software, accessories etc. as per TS Section Project.			LS	1					
2	Integration of all 132/66/11 kV Bays under present scope with the SCADA of proposed Master Control Centre, Hetauda including supply of Hardware, Software, accessories etc. as per TS Section Project.			LS	1					
	SUB TOTAL PART-B									



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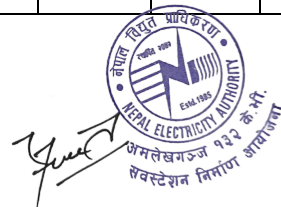
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	PART-C: Civil Works									
1.0	Site Clearance Work as instructed by Engineer			LS	1					
2.0	Geotechnical Investigation as per TS			Loc	3					
3.0	Detail Survey, Contour Mapping and Soil Resistivity Test			LS	1					
4.0	Earthwork									
4.1	Earthwork in Excavation and backfilling of all types of soil and rock for all leads and lifts.			CuM	3500					
4.2	Earthwork in Filling with earth brought from outside with all leads and lifts including royalty,taxes etc			CuM	2500					
5.0	Sand Filling									
5.1	Filling with local sand brought from outside with all leads and lifts including royalty,taxes etc			CuM	1500					
6.0	PCC works									
6.1	Providing and laying of Plain Concrete Cement PCC (1:5:10)			CuM	110					
6.2	Providing and laying of Plain Concrete Cement PCC (1:4:8)			CuM	220					
6.3	Providing and laying of Plain Concrete Cement PCC (1:2:4)			CuM	220					
7.0	RCC Works									
7.1	Providing and Laying of Reinforced Cement Concrete Design Mix M20 including pre cast, shuttering, Grouting of pockets & underpinning but excluding steel reinforcement.			CuM	150					
7.2	Providing and Laying of Reinforced Cement Concrete Design Mix M25 including pre cast, shuttering, Grouting of pockets & underpinning but excluding steel reinforcement.			CuM	3900					
8.0	Providing and fixing in position Fe 500 steel reinforcement of various diameter confirming to relevant IS code in R.C.C. works including straightening, cutting, bending, binding with 20 SWG annealed wire for tying the reinforcement bars at each junctions (binding wire shall not be measured separately) including all waste and cut pieces, provision for adequate numbers of spacers, chairs, providing and placing cement mortar (1:1) cover blocks to keep the bars in intended position at all levels all complete as per drawings, specifications and instruction of the the engineer. (Lap length shall not be measured for the payment).			MT	585					
9.0	Structural Steel									
	Miscellaneous Structural steel used for gratings, gratings supports etc for transformer /reactor foundation,cable support stand earthing cleats ,chequered plates, embedments, edge protection angles for cable trenches, structural steel used for rails and plate for rail fixing for transformer/reactor but excluding the reinforcement steel and steel for lattice and pipe structures, which shall be paid seperately.			MT	20					
10.0	Stone filling (40mm) over grating of Transformer /reactor Foundation			CuM	100					
11.0	Stone Spreading including antiweed treatment in switchyard excluding PCC			SqM	500					



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12.0	All Civil Works for following structures as per TS and approved Drawings									
12.1	Firefighting pump house building			SqM	50					
12.2	Water Tank for Firefighting (100000 litres)			LS	1					
13.0	Buidlings (All civil works for following Buildings and structures including external & internal finishing, electrification, sanitary and plumbing works, Doors, windows, Painting, Furnitures and miscellaneous work etc. all complete as per technical specification and approved drawings but excluding excavation, PCC, RCC and reinforcement steel which shall be measured and paid seperately under respective items of BPS :)									
13.1	Township (Staff Quarters) as per TS									
a)	B - Type (Two and half storey, plinth Area 197 Sq.m.) - 1 No.			SqM	500					
b)	Vehicle Parking shed (for 5 Nos. of 4 wheelers/cars) as per TS			LS	1					
13.2	Control Room Building									
a)	All Civil Works including finishing, internal cable trenches, door windows, flooring, wall, roof, Railing, paint etc all complete as per technical specifications and approved drawing but exluding excavation, PCC, RCC and Reinforcement steel which shall be measured and paid separately under respectively items of BPS; (Ground Floor + First Floor + Roof Cover)			SqM	525					
b)	Construction of underground Water tank (18000 ltr.) excluding excavation, PCC, RCC and reinforcement steel and fitting of overhead tanks with suction motor for water supply, auto cut off switch, required Upvc pipes and fittings for water supply point to tanks, building and waste pipe etc. and all complete accessories as per specifications & instruction of site engineer.			Lot	2					
c)	Vehicle Parking shed (for 5 Nos. of 4 wheelers/cars) as per TS			LS	1					
13.3	132 kV and 66 kV GIS Hall									
a)	All Civil Works related to Pre-Engineered 132 kV GIS and 66 kV GIS Hall along with AHU to be supplied as per Schedule 1 including foundation, internal cable trench, excavation, PCC, RCC and Reinforcement etc all complete to erect the building as per approved drawing and Technical Specification			SqM	510					
14.0	Septic tank and soak pit complete as per technical specification and approved drawing excluding concrete & reinforcement which shall be measured and paid seperately under respective items of BPS . (For 50 users)			LS	1					
15.0	All civil works for Boundary wall including excavation, concrete, reinforcement steel ,structural steel, plaster, painting, barbed wire and concertina coil etc all complete as per technical specification (2.5 m high brick masonry wall and 0.5 m high angle support on top).			RM	350					
16.0	Main boundary wall Gate (Steel) including all works complete as per technical specification			LS	2					

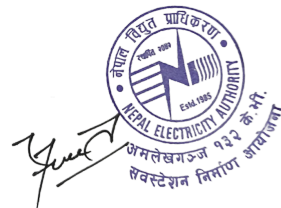


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Schedule No. 4: Installation and Other Services

(a): Installation and Construction Charges

Sl. No.	Item Description	Installation Charges								Remarks
		Country of Origin	Type & Designation	Unit	Qty.	Portion in Foreign Currency (in USD)		Portion in Nepalese Currency (in NPR)		
						Unit Rate	Total Charges	Unit Rate	Total Charges	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)x(7)	(7)	(8)=(6)x(7)	
17.0	Chain Link fencing as per Technical Specification and approved drawing excluding concrete			RM	200					
18.0	Switchyard Gate excluding Concrete			Nos.	2					
19.0	Supplying & laying hume pipe of grade (NP-3) excluding concrete and reinforcement									
19.1	250mm dia			RM	150					
19.2	300mm dia			RM	120					
19.3	450mm dia			RM	80					
19.4	600mm dia			RM	40					
19.5	900mm dia			RM	10					
20.0	Supplying and erecting dewatering pumps									
20.1	5 HP			Nos.	2					
20.2	0.5 HP			Nos.	2					
21.0	External water supply from borewell/main water supply point to Fire water Tank, control room building, township buildings									
21.1	80 mm Dia GI pipe			RM	100					
21.2	50 mm Dia GI pipe			RM	60					
21.3	40mm Dia GI pipe			RM	60					
21.4	25mm Dia GI pipe			RM	60					
22.0	External sewerage system including all item such as excavation, piping, pipe fittings, manholes, gali trap, gali chamber etc.									
22.1	250 mm Dia.			RM	60					
22.2	150 mm Dia.			RM	60					
23.0	Concrete Road (inside Substation) as per drawing except Reinforcement & Concrete			SqM	160					
24.0	Providing, Installation and Drilling of tubewell in all formation (6 inch) with vertical submersible pump and necessary pipes, fittings all complete.			LS	1					
25.0	Masonry Work									
25.1	Providing and laying first class Chimney Fired brick masonry in cement mortar 1:4 (1cement : 4 coarse sand) in foundation upto plinth, superstructure and other specified places in all heights and level including the cost of single or multi stage self standing scaffolding, soaking bricks, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the Engineer.			CuM	100					



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Schedule No. 4: Installation and Other Services

(a): Installation and Construction Charges

Sl. No.	Item Description	Installation Charges								Remarks
		Country of Origin	Type & Designation	Unit	Qty.	Portion in Foreign Currency (in USD)		Portion in Nepalese Currency (in NPR)		
						Unit Rate	Total Charges	Unit Rate	Total Charges	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)x(7)	(7)	(8)=(6)x(7)	
25.2	Providing and laying random rubble masonry in cement sand mortar (1:6) including levelling up with cement concrete (1:6:12), providing weep holes of PVC pipes (150 mm dia) with necessary filter material at the mouth of weep holes, 50 mm thick cement concrete (1:2:4) copping on the top of wall, 100 mm thick PCC (1:4:8) below RR masonry work, excavation of foundation for all lifts up to 3m above lower level. Item of excavation, PCC (1:2:4 & 1:4:8) shall be measured and paid seperately under respective items of BPS			CuM	250					
26.0	Plastering Works:									
26.1	Plaster works over Masonry (1:4)			SqM	500					
26.2	Punning Works			SqM	500					
26.3	Pointing Works over Stone Masonry (1:3)			SqM	500					
27.0	Stone Soling Work below foundations wherever specified in approved drawing during Detailed Engineering			CuM	200					
28	Miscellaneous works as per technical specification									
28.1	Identification plate, danger notice etc. (MATERIAL PLUS LABOUR) in Control room cum administrative building, fire fighting, pump house, entrance & exit, switchyard, substation area and approach road			Lot	1					
28.2	Installation works of Lightning/Earth mast			Lot	1					
29	Dismantling of existing 132 kV and 66 kV Towers and transportation to NEA store			LS	1					
30	Transportation of ERS Tower from NEA store, Erection of ERS Towers for minimization of shutdown of 132 kV and 66 kV line, dismantling and transport back to NEA store			LS	1					
	SUB-TOTAL-C									
	Total for Schedule 4(Total of column 8 to be carried forward to Schedule 5: Summary)									

Specify currency in accordance with ITB Clause 12.1 and corresponding BDS

Name of Bidder:

Signature of Bidder:

(Printed Name)

(Designation)

(Common Seal)

