Bill of Quantities (BOQ)

Supply and Laying of 150mm dia DI Pipe (Secondary Pipe) at Lalitpur Metropolitan City-02, from Heritage Garden to Kantihitti, Kalika Mandir

IFB No.: KUKL.LTR/NCB-11/083/084

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	Provisional Sump (Not filled by Contractor): Contractor's all Risk Insurance cover for the Works and Contractor's equipment, Insurance cover for Damages to Third Party.	PS	1.00	11,300.00 Eleven thousand three hundred rupees only.	11,300.00 Eleven thousand three hundred rupees only.
PS.2	Provisional Sump (Not filled by Contractor): Insurance cover against Workman's compensation (Employees of Employer, Consultant/s and contractor/s)	PS	1.00	11,300.00 Eleven thousand three hundred rupees only.	11,300.00 Eleven thousand three hundred rupees only.
PS.3	Provisional Sump (Not filled by Contractor): Items not covered by BoQ	PS	1.00	99,440.00 Ninety-nine thousand four hundred forty rupees only.	99,440.00 Ninety-nine thousand four hundred forty rupees only.
	Total provisional sums				1,22,040.00 One lakh twenty-two thousand forty rupees only.

General Works > Supply of Materials						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.1	Supply of Pipes and Pipe Fittings: 160mm dia PVC-0 Class 500 Pipe (12.5)	Rm	1,200.00			
1.2	Supply of Pipes and Pipe Fittings: 150mm dia DI Spigot and Socket Pipe with rubber gasket	Rm	104.50			
1.3	Supply of Pipes and Pipe Fittings: 150mm x 150mm dia DI Flanged Equal Tee	Nos	2.00			
1.4	Supply of Pipes and Pipe Fittings: 150mm dia DI Single Flange Tailpiece	Nos	4.00			

General Works > Supply of Materials						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.5	Supply of Pipes and Pipe Fittings: 150mm dia PVC-0 Flange Adaptor	Nos	5.00			
1.6	Supply of Pipes and Pipe Fittings: 150mm dia CI Sluice Valve	Nos	2.00			
1.7	Supply of Pipes and Pipe Fittings: 150mm dia DI Mechanical Coupling	Nos	4.00			
1.8	Supply of Pipes and Pipe Fittings:150mm x 100mm dia DI Flanged Reducer	Nos	1.00			
1.9	Supply of Pipes and Pipe Fittings: 100mm dia MS HDPE Flange Adaptor (OD)	Nos	1.00			
1.10	Supply of Pipes and Pipe Fittings: 110mm dia Elcetrofusion Coupler	Nos	1.00			
1.11	Supply of 16mm dia 125mm Long Nut Bolts	Kg	16.00			
1.12	Supply of Rubber Washer	M2	1.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
2.1	Civil Works: Asphalt road surface cutting using pitch cutter including removal of stumps and other deleterious matter as per technical specification and drawing	M2	764.70			
2.2	Civil Works: Dismantling of rigid pavement (PCC) including removal of stumps and other deleterious matter as per technical specification and drawing	M3	2.70			
2.3	Civil Works: Earthwork in excavation in gravel and boulder mixed soil including removal of stumps and other deleterious matter as per technical specification and drawing (60% Using hydraulic excavator and 40% manual excavation)	M3	782.70			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
2.4	Civil Works: Laying and jointing of 160mm dia PVC-0 (Class 500) Pipe with Socket and Spigot Joint as Per Technical Specification and drawing	Rm	1,200.00			
2.5	Civil Works: Laying and jointing of 150mm dia DI Pipe with Spigot and Socket joint as per technical specification and drawing.	Rm	104.50			
2.6	Installation of Pipes Fittings including cutting, tapering, lubricating: 150mm dia CI Sluice Valve	Nos	2.00			
2.7	Installation of Pipes Fittings including cutting, tapering, lubricating: 150mm dia DI Tee, Flange Adaptor	Nos	8.00			
2.8	Civil Works: Supply and Laying of well graded sand for preparatrion of bedding to lay PVC-0 pipe as per technical specification and drawing	M3	108.00			
2.9	Civil Works (Road Reinstatement): Providing and Paving of brick on flat position for soiling work as per technical specification and drawing	M2	210.00			
2.10	Civil Works (Road Reinstatement): Providing, mixing and spreading of M20 (1:2:4) mix concrete with proper curing as per technical specification and drawing	M3	31.50			
2.11	Civil Works: Backfilling trecnh with proper compaction as per technical specification and drawing	M3	751.20			
2.12	Preliminary and General Work: Provide all physical and financial progress reports with as built drawings of all the compoenents/structures of the project showing newly constructed works such as pipelines, interconnection work with valves, fittings etc in a format suitable for autodesk format at the completion of eacxh section with photograps	Nos.	1.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
2.13	Preliminary and General Work: Provide safety equipment for the Project Manager/Engineer/Employer's representative at the each site offices of the types and number specified for the period of the contract. (Each Set consist of 1 pair shoes, 1 no Jacket and 1 no Helmet).	Set	1.00			

Total Item Price	
VAT (13.00%)	
Grand Total	