Bill of Quantities (BOQ)

Supply and Laying of 160mm dia HDPE (PN 10, PE 100) Pipeline Extension at Lalitpur Metropolitan City-24, Dhapakhel, From Balmandir to Tinkune Pokhari

IFB No.: KUKL.LTR/NCB/13/083/084

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	1,24,300.00 One lakh twenty-four thousand three hundred rupees only.	1,24,300.00 One lakh twenty-four thousand three hundred rupees only.
	Total provisional sums				1,46,900.00 One lakh forty-six thousand nine hundred 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 HDPE (PN 10, PE 100) Pipe	Rm	1,680.00			
1.2	Supply of Pipes and Pipe Fittings: 200mm x 150mm dia DI Flanged Tee	Rm	2.00			
1.3	Supply of Pipes and Pipe Fittings: 200mm dia DI Single Flanged Tailpiece	Nos	2.00			
1.4	Supply of Pipes and Pipe Fittings: 200mm dia DI Mechanical Coupling	Nos	2.00			

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: 160mm dia Electrofusion Coupler	Nos	280.00			
1.6	Supply of Pipes and Pipe Fittings: 150mm dia HDPE/HDPE Flange	Nos	3.00			
1.7	Supply of Pipes and Pipe Fittings: 150mm dia CI Sluice Valve	Nos	2.00			
1.8	Supply of Pipes and Pipe Fittings: 160mm dia 90° Bend (10 kg/cm2)	Nos	2.00			
1.9	Supply of Pipes and Pipe Fittings: 160mm dia Electrofusion End Cap	Nos	2.00			
1.10	Supply of Pipes and Pipe Fittings: 16mm dia 125mm Long Nut Bolts	Nos	17.00			
1.11	Supply of Rubber Washer	Kg	1.60			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
2.1	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	680.40			
2.2	Civil Works: Laying and jointing of 160mm dia HDPE (PN 10, PE 100) Pipe with Electrofusion Joint as Per Technical Specification and drawing	Rm	1,680.00			
2.3	Installation of Pipes Fittings including cutting, tapering, lubricating: 200mm dia DI/CI Fittings	Nos	4.00			
2.4	Installation of Pipes Fittings including cutting, tapering, lubricating: 150mm dia CI Sluice Valve	Nos	2.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
2.5	Installation of Pipes Fittings including cutting, tapering, lubricating: 150mm dia DI Tee, Flange Adaptor	Nos	10.00			
2.6	Civil Works: Backfilling trecnh with proper compaction as per technical specification and drawing	M3	680.40			
2.7	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			
2.8	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	