Bill of Quantities (BOQ)

Road upgrading and Drain works from Hastabir Aa.bi. Towards south west , Bi. Na. Pa. 12, Surkhet

IFB No.: 3370168016/02-IDO/SKT/W/NCB/07/083-084

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	Insurance for the loss or damage to works, plant, material, equipment, property, Contractor's employees and labour, Employer's and Consultants's staff personnel injury or death and third party property and persons during the construction period and upto the end of defects liability period as per the condition of contract.	PS	1.00	2,32,000.00 Two lakh thirty-two thousand rupees only.	2,32,000.00 Two lakh thirty-two thousand rupees only.
PS.2	Carry out additional tests for material and works as required and instructed by the Project Manager.	PS	1.00	1,00,000.00 One lakh rupees only.	1,00,000.00 One lakh rupees only.
PS.3	Relocation of electric poles, water supply lines etc all complete.	PS	1.00	1,65,000.00 One lakh sixty-five thousand rupees only.	1,65,000.00 One lakh sixty-five thousand rupees only.
	Total provisional sums				4,97,000.00 Four lakh ninety-seven thousand rupees only.

General Item						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.1	Provide and installation of project information board of size 1.80 m X 1.2 m along with iron posts including excavation, concreting,backfillingetc all complete as per DoR Standard Specifixcation for Road and Bridge Works.	No	1.00			

Drain Construction Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
2.1	Earth work in excavation of foundation of structures, including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved Material as per Drawing and Technical Specifications.	Cum	680.14			
2.2	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including scaffolding wherever necessary, sorting the dismantled Material, disposal of unserviceable Material and stacking the serviceable Material with all lifts and lead of 1000 meters, Removing all type of Hume Pipes and Stacking within a lead of 50 metres including Earthwork and Dismantling of Masonry Works., Up to 600 mm dia	Cum	52.00			
2.3	Providing and laying of hand pack Stone soling with 150 to 200 mm thick stones and packing with smaller stone on prepared surface as per Drawing and Technical Specifications.	Cum	216.37			
2.4	Providing and laying of Plain/Reinforced Cement Concrete in structures complete including formwork as per Drawing and Technical Specifications, PCC Grade M 15.	Cum	132.88			
2.5	Providing and laying Plum concrete (Boulder mixed concrete) including Formwork as per Drawing and Specifications, 60% M 15 concrete and 40% boulders/stones, using Mechanical Aids.	Cum	773.45			
2.6	Providing and laying of Reinforced/Pre-stressed Cement Concrete in super-structure complete including formwork as per Drawing and Technical Specifications, RCC Grade M 25.	Cum	16.50			
2.7	Providing and laying , fitting and placing Mild steel / HYSD reinforcement complete in sub-structure/super-strucure as per drawing and technical specification.	MT	1.04			

Pavement Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
3.1	Construction of Embankment with Material Deposited from Roadway Cutting and borrow pit, Providing, laying, spreading and compacting embankment with roadway cutting material and compact to the required density as per Drawing and Technical Specifications. (With machine)	Cum	192.00			
3.2	Compacting original ground supporting sub-grade Loosening of the ground upto a level of 500 mm below the sub-grade level, watered, graded and compacted in layers as per Drawing and Technical Specifications	Cum	502.00			
3.3	Providing and laying natural granular sub-base on prepared surface, mixing at OMC, and compacting to achieve the desired density, complete as per Drawing and Technical Specifications., By Mechanical means.	Cum	753.00			
3.4	Providing and laying Crusher Run Macadam on a prepared surface, spreading and mixing , watering and compacting to form a layer of Base course as per Drawing and Technical Specifications. all complete.	Cum	753.00			
3.5	Prime Coat, Prime Coat, with MC 30 / 70 by Mechanical Means, Providing and applying prime coat with Hot Bitumen (including cutter) on prepared surface of granular base including cleaning of road surface and spraying by mechanical means as per Technical Specification ., all complete.	Ltr.	4,518.00			
3.6	Tack Coat, Tack coat with Bitumen By Mechanical Means, Providing and applying tack coat with hot Bitumen at specified rate on the prepared non-bituminous surfaces including cleaning as per Technical Speciation., all complete.	Ltr.	3,012.00			
3.7	Providing and laying bituminous concrete/asphalt concrete using crushed aggregate of specified grading, premixed with bituminous binder and filler as per drawing and technical specification.	Cum	191.84			

Pavement Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
3.8	Road Marking with Hot Applied Thermoplastic Compound with Reflectorizing Glass Beads on Bituminous Surface, On smooth surface (similar to Asphalt concrete and rigid pavement), Providing and laying of hot applied thermoplastic compound at least 2 mm thick including reflectorizing glass beads as per DOR Traffic sign manual/ Specifications .The finished surface to be level, uniform and free from streaks and holes.	Sq.m	78.00			

Total Item Price	
VAT (13.00%)	
Grand Total	