Bill of Quantities (BOQ)

Road Upgrading works from Itram Khola to Amar Jyoti Ma.Bi. , Bi. Na. Pa. 12, Surkhet

IFB No.: 3370168016/02-083/084(IDO/SKT/W/NCB/08/083-084)

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	2,07,000.00 Two lakh seven thousand rupees only.	2,07,000.00 Two lakh seven 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 Pipes,electric Poles,Water Supply Lines etc All Complete	PS	1.00	70,000.00 Seventy thousand rupees only.	70,000.00 Seventy thousand rupees only.
	Total provisional sums				3,77,000.00 Three lakh seventy-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 1.2 m X 0.9 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 Work

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
2.1	Earthwork Excavation in all types of soil including hard rock of foundation and trenches including construction of shoring and	m3	337.77			

Drain Construction Work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
	bracing, removal of stumps and other deleterious matter as per drawing and technical specifications.					
2.2	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.	m3	100.98			
2.3	Providing and laying of Plain/Reinforced Cement Concrete in structures complete including formwork as per Drawing and Technical Specifications, PCC Grade M 15	m3	64.12			
2.4	Providing and laying Plum concrete (Boulder mixed concrete) as per Drawing and Specifications, 60% M 15 concrete and 40% boulders/stones, using Mechanical Aids	m3	207.60			
2.5	Providing and laying of M20/20 precast cement concrete kerb 38cm*20cm*25cm(H*B*L) with 12 m thick 1:3 cement sand mortar bedding and joints including foundation excavation levelling but excluding foundation concrete for foundation or sand gravel material,all complete as per drawing and Technical Specification	Rm	720.00			
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	m3	8.64			
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	0.55			
2.8	Removing all type of Hume pipes and stacking within a lead of 50 m including earthwork and dismantling of masonry works	Rm	10.00			

Pavement Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
3.1	Scarifying Existing road Surface to a depth 50 mm and disposal of scarified material with in all lifts and lead as per Drawing and Technical Specifications.	m2	7,645.00			
3.2	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)	m3	192.00			
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.	m3	1,013.25			
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.	m3	764.50			
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.	lit	5,404.00			
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.	lit	4,053.00			
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.	m3	337.75			

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.	m2	169.50			

Total Item Price	
VAT (13.00%)	
Grand Total	