Bill of Quantities (BOQ)

Jagarbot-Hangabang-Jhinuwa Road Blacktop,TRM-05 Rolpa

IFB No.: 80554501300/TRM/ROLPA/WORKS/ROAD/NCB/01/083/084

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	Ps Items(Insurances, information board, lab test, seafty tools and equipments and other as per required).	PS	1.00	95,000.00 Ninety-five thousand rupees only.	95,000.00 Ninety-five thousand rupees only.
	Total provisional sums				95,000.00 Ninety-five thousand rupees only.

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.1	Earthworks Excavation for Roadway all types of soil and rock with approved material as drawings and technical specifications.	Cu.m.	1,573.20			
1.2	Earthworks Excavation for Structure all types of soil and rock with approved material as drawings and technical specifications.	Cu.m.	428.54			
1.3	Providing suitable material and backfilling behind abutment, wingwall, return wall and other retaining structures complete as per drawing and technical specification	Cu.m.	133.51			
1.4	Providing and laying, dry Stone soling in floor with Local Hard Stone complete to specified level including sand filling on joints, as per drawing, specification and instruction of engineer-in-charge, all complete.	Cu.m.	39.22			
1.5	Providing and laying of PCC M: 10 (or 1:3:6 for nominal mix) in foundation complete as per Drawing and Technical Specification	Cu.m.	28.72			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.6	Providing and placing Plum Concrete with 60% M15/40 concrete and 40% of boulder/stone as specification lead 30 m lift 1.5m a)using concrete mixture and vibrator.	Cu.m.	94.58			
1.7	Providing, preparing and installing formwork including necessary supports and removing after completion for walls/structures. (Class F2 Finish), vertical plain surface; Using timber soft wood. (Height upto 3 m)	Sq.m.	130.22			
1.8	Providing mechanically woven double twisted crates / mattress(Heavy Zinc coated Hexagonal mesh type 100X120 mm, mesh wire 3 mm, selvedge wire 3.90 mm, lacing wire 2.40 mm) including rolling cutting and with lacing wire and binding wire and filling stone/boulder in gabion boxes/mattress etc. including dressing, bedding, bonding all complete as per drawing and technical specification	Cu.m.	79.50			
1.9	Providing and Laying of a Geo-Textile filter/geo membrane between pitching and embankment slopes,behind earth retaining structures as per drawing and Technical specification	Sq.m.	45.00			
1.10	Scarifying the existing road surface to a depth of 50 mm and disposal of scarified Material with in all lifts and lead as per Drawing and Technical Specificationschnical Specifications by mechanical means	Sq.m.	2,765.00			
1.11	Providing and laying granular Sub base material by mechanical means on prepared surface, mixing at OMC, and compacting to achieve the desired density, complete as per Drawing and Technical Specifications	Cu.m.	665.00			
1.12	Providing, laying, spreading and compacting Base Course including brooming requisite type of screening/ binding Materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Drawing and Technical Specifications by mechanical means	Cu.m.	517.50			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.13	Providing and spraying bituminious prime coat MC30/MC70 including cleaning the road surface using wire, brushes, broom etc. before applying prime coat.	Sq.m.	3,162.50			
1.14	Providing and applying tack coat with hot bitumen at specified rate on the prepared non-bituminous surfaces including cleaning as per technical specification.0.6ltr/m2	Sq.m.	3,162.50			
1.15	Providing and laying premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates as wearing course on a previously prepared base as per drawing and Technical Specifications	Sq.m.	3,162.50			
1.16	Providing and laying seal coat sealing the voids in a bituminous surface as per Drawing and Technical Specifications	Sq.m.	3,162.50			
1.17	Providing and fixing RCC M15 Grade Kilometer Post including painting and printing as per standard drawing-2070 and technical specification, position (One Km Post(Precast))	Nos	1.00			
1.18	Providing and installation of 150mm * 1.5 m long delineators (roadway indicator, hazard markers, object markers) 80-100cm above ground level painted black and white in 20cm wide strips, burried or pressed into the ground and confirming to the drawings and technical specifications.	Nos	25.00			
1.19	Providing and fixing non reflective warning mandatory and informatory sign board of two mm thick MS sheet with back support frame fixed on heavy 50mm tube or channel section of 75mm*40mm firmly fixed to the ground by the means of properly designed foundation with M10/40 grade cement concrete 300mm*300mm*300mm, as per drawing and technical specification/DOR Publication	Nos	3.00			
1.20	Providing and laying Reinforced Cement Concrete NP3 (600mm Dia) Flush jointed pipe for culverts including fixing with cement mortar 1:2 as per Drawing and Technical Specification	R.m.	30.00			

Total Item Price	
VAT (13.00%)	
Grand Total	