Bill of Quantities (BOQ)

Periodic Maintenance Works along Palung-Tistung-Sopyarg (DB) Section of TRP (NH41), Ch 92+170 to 114+750, Makwanpur

IFB No.: 337013201/08/RDHTD/337310113/2083/084-28

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	Relocation, replacement, Provision and Safeguard of utilities like electric post line, telephone line, temple Relocation, water supply pipe line, swerage line, other Engineer's Facility and unforeseen works etc. as required and instructed by the project manager. [SS 111]	PS	1.00	2,00,000.00 Two lakh rupees only.	2,00,000.00 Two lakh rupees only.
	Total provisional sums				2,00,000.00 Two lakh rupees only.

Construction work #[45000000] Road construction works **CPV: 45233120-6 - Road construction works**						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.1	Insurance for loss of or damage to works, plant, material, equipment, property and personnel injury or death and third party as per contract data including mobilization, demobilization expenses for manpower, equipment and performance bond commision. (GCC Clause no 13)	LS	1.00			
1.2	Provision of safety clothing and equipment, first Aid/Medical facilities and other safety including owners staff with traffic diversion management (Flagman, Traffic Signs, Diversion etc.) during construction period as per the Technical Specifications and instruction by the Engineer. (SS 102, 104)	LS	1.00			
1.3	Providing and installation of project information boards with size of 1.8x1.2 m as per the Technical Specifications and instruction of the Engineer. [SS110]	Nos	2.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.4	Scarifying the existing Bituminious road surface by Mechanical means to a depth of 50 mm and disposal of scarified material with all lifts and leads within Right of Way as per Drawing and Technical Specification. [1003]	Sq.m.	156.35			
1.5	Providing and laying 50 mm thick penetration macadam over prepared base by providing a layer of compacted crushed coarse aggregate with application of bituminous binder and key aggregates as per Drawing and Technical Specifications [1304]	Sq.m.	1,563.67			
1.6	Providing required material , Filling Pot-holes and Patch Repairs with Closed-Graded Premix surfacing, 20 mm, using Type A, Table 13.35 grading material, including removal of failed material, trimming and finishing the surface applying prime coat & tack coat on the sides and base of excavation , backfilling with hot bituminous Material and compaction as per the Technical Specifications and instruction of the Engineer [SS-2903].	Sq.m.	4,317.72			
1.7	Loosening, levelling, and compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing and Technical Specification (compacting orginal ground supporting embankment) [1003/1005]	Cu.m.	540.00			
1.8	Providing and laying granular sub-base on prepared surface, mixing at OMC, and compacting to achieve the desired density by mechanical means, complete as per Drawing and Technical Specifications.[1201]	Cu.m.	540.00			
1.9	Providing and Supplying Tack coat with hot paving grade VG 10 bitumen by mechanical means at specified rate on the prepared surface including cleaning as per the Technical Specification. [1302]	Ltr	56,292.30			
1.10	Providing and laying Bituminous concrete/Asphalt concrete using crushed aggregates of specified grading and VG 10 Bitumen as per Drawing Technical Specifications and approved Design .[SS 1309]	Cu.m.	4,503.38			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.11	Providing and laying of hot applied thermoplastic compound at least 2mm thick including reflectorizing glass beads on Smooth Road Surface as per DoR Traffic Sign Manual/Specifications. [1504]	Sq.m.	5,326.20			
1.12	Providing and fixing of Cats Eye 100 x 100 mm, die-cast , fitted with lenses reflectors, installed in concrete or asphaltic surface by drilling hole 30 mm upto a depth of 60 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per Drawing and Technical Specifications. [1504]	Nos	7,449.00			

Total Item Price	
VAT (13.00%)	
Grand Total	