Lumbini Province Government
Ministry of Physical Infrastructure Development

Transport Infrstructure Directorate

Road Infrastructure Development Office
Tansen Palpa

Bill of Quantity (BOQ)

Project Name: - Saljhandi-Sunguredhunga Road, Palpa
Contract ID:-RIDOPAL--W-NCB-32-083/84

Item No.	Description	Unit	Quantity	Rate (NRs)	Rate in Figure	Amount (NRs)	Remarks
1	Provide and maintain the Insurance in the joint names of the Employer and the Contractor as appropriate. The policy shall cover Works, materials and plant, third-party liability for bodily injury/death or property damage, contractor's equipment, Group Personal Accidental (GPA) insurance, RSTMD Risks, natural catastrophes risks including earthquake,. as per the Specifications and the Contract.	PS	1.00	1,500,000.00	Rs. Fifteen Lakhs Only.	1,500,000.00	
2	Carrying out all additional tests for materials and works in laboratory (to be accepted by the project Manager) and in field as required and instructed by the Project Manager as per GCC Clause No. 42.1 inclusive of sampling, transportation and procedural activities required for any specified testing.(DoR SS-510)	PS	1.00	300,000.00	Rs.Three Lakhs Only.	300,000.00	
3	Diversion work at necessary construction site & maintain during construction period, etc., as per Engineer's instruction (SS/SP-104)	LS	1.00				
4	Relocation, diverting, reconnecting, reinstalling and/or reinstatement including making good of any damages or short comings caused by the construction procedure and activities of any public and private utilities and services along with shifting and rehabilitation of Electric Poles, Water Supply Pipelines, irrigation canals etc as instructed by the Project Manager and acording to the rules and regulations of the Service Providers.(DoR SS-111)	LS	1.00				
5	Providing and Establishing Camp with mobilization and demobilization for Contractor's labour and staff and demolizing after completion of works, comp should with adequate ventilated rooms and beds separate for female and male including ventilated toilets with regular supply of water for bath facilities, supply and maintain ventilated kitchen with hand washing basin, dish clining facilities, LPG burner stoves and sufficient number garbage bins for solid waste management as instructed by Project Manager.	LS	1.00				
6	Removal of Unserviceable Slide (existing & occurred during project duration of only greater than 20 Cum) including excavation, loading and disposal upto relevent lead as per instruction of Engineer. (DoR SS-905)	Cum	4,307.10				
7	Clearing of grass, removing roots, breaking sods, levelling the surface and disposal as per specification (SS/SP-201)	Sqm	55,000.00				

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8	Road way excavation (Road) in all type of rock and soil including necessary haulage , disposal and lift all complete (SS/SP-900)	Cum	86,141.93				
9	Formation of Embankment including, compaction in layers not exceeding 150mm. Compacted depth, watering and haulage 10m. Etc. all complete asper specification. (SS/SP-900)	Cum	2,438.70				
10	Preparation of Sub-grade by grading,watering & compaction for upgrading the road (filling or cutting depth of 10 to 20 cm) in Gravel & boulder mixed soil. (SS / SP -1003)	Sqm	53,250.00				
11	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.(Sp 1201&12.01A)	Cum	10,100.00				
12	Providing , laying , spreading, levelling and compaction of crusher run materials for Base course (SS/SP-1202)	Cum	6,375.00				
13	Supplying and applying Prime Coat MC30/MC70 including cleaning the road surface using wire brushes, broom etc. before applying coat. (SS / SP 1301, 1303)	Lit	35,775.00				
14	Supplying and applying 1st coat Bitumen Binder for DBSD all complete work as per instruction of Engineer (SS / SP 1301, 1303)	Lit	47,700.00				
15	Supplying and applying 2nd coat Bitumen Binder for DBSD all complete work as per instruction of Engineer (SS / SP 1301, 1303)	Lit	35,775.00				
16	Anti-stripping agents: Supplying and application of Anti-stripping agents conforming to IS: 14982:2001 @ 0.5% all complete as per the instruction of Engineer. (SP - 1313, 1d)	Kg	374.13				
17	Supplying, spreading and compaction of Ist coat 19 mm nominal agreegate for DBSD as specified (SS/SP 1301) all complete as per instruction of Engineer.	Sqm	39,750.00				
18	Supplying , spreading and compactation of 2nd coat 10mm nominal agreegate for DBSD as specified (SS/SP 1301) all complete as per instruction of Engineer.	Sqm	39,050.00				
19	Providing and laying of RCC (Grade M 25) in foundation complete as per Drawing and Technical Specifications(Sp 2000&20.02.E)	Cum	853.71				
20	Providing and laying, fitting and placing HYSD bar reinforcement in foundation complete as per Drawing and Technical Specifications (Sp 2014&20.3)	Mt	68.23				
21	Providing and laying of a geotextile filter between pitching and embankment slopes as per Drawing and Technical Specifications.(Sp 2404&24.5)	Sqm	1,925.00				

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22	Earthwork in excavation for foundation of structures in all types of soil including 1.5m lift and disposal of excavated materials at approved environmentally safe tipping sites as per specification (SS - 907)	Cum	7,987.59				
23	Back filling in layers in foundation pits, trenches etc, including compaction and watering etc. complete, lead 10m as per specification (SS - 908)	Cum	1,682.33				
24	Providing, laying and levelling of dry stone soling works in the foundation all complete.	Cum	1,300.70				
25	Providing and placing machine mixed cement concrete M15/20 including compaction, curing, testing and lead 30m. all complete as per specification.(SS - 2000)	Cum	637.15				
26	Providing, preparing and installing Formwork for concrete works including necessary supports and removing after completion as per specification (SS - 1800)	Sqm	157.06				
27	Providing and laying random rubble Stone masonary in cement sand mortar (1:4) including scaffolding, curing, preparation of mortar etc. all complete. (SS/SP-2600)	Cum	1,018.71				
28	Providing and laying (filling) with graded filter material including compaction as per specification (SS - 3110)	Cum	59.57				
29	Providing and laying 900mm diameter (internal) RCC hume pipes (NP3) with groove joints, jointed with stiff mixture of cement mortar (1 cement : 2 fine sand) complete in place as per specification: (SS/SP-701)	Rm	150.00				
30	Providing and laying 600mm diameter (internal) RCC hume pipes (NP3) with groove joints, jointed with stiff mixture of cement mortar (1 cement : 2 fine sand) complete in place as per specification: (SS/SP-701)	Rm	50.00				
31	Providing and laying Plum Concrete mixing of 60% M15 concrete and 40% boulder/stones (Boulder mixed concrete) including pipes for weep holes etc all complete as per Drawing and Technical Specifications. (Mechanical Means)(SP 2421&24.21.A.I)	Cum	4,525.37				
32	Fabrication, placing in position and filling with stone of Gabion boxes of hexagonal mesh with heavy coated GI wires, mesh size 100mm x 120mm, mesh wire 10 SWG, selvedge wire 8 SWG and binding wire 12 SWG all complete as per specification : (SS - 2400)	Cum	4,062.00				
33	Supply and erecting traffic signs in place including 50mm dia. Steel tube, 2mm thick steel plates, cement concrete, painting, writing and supporting steel angle nut and bolt etc. all complete, as per Drawings.60cm dia Circular, 60 cm equilateral triangle and 60cm x 45 cm rectangular shaped sign (single post) . (SS/SP-1501)	No	150.00				

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34	Supply and erecting traffic signs in place including 50mm dia. Steel tube, 2mm thick steel plates, cement concrete, painting, writing and supporting steel angle nut and bolt etc. all complete, as per Drawings.1.2m x0.75m size bigger traffic sign (Information Board)with back support and two or more post.(SS/SP-1501)	No	20.00				
35	Supplying and applying 10cm wide paint for road marking including cleaning, watering, brooming etc. all complete More than two coats over new bituminous surface as per specification (SS - 1502)	Sqm	1,412.50				
36	Supply and placing stone marker (RCC kilometer post) including excavation, backfilling, painting and writing etc. all complete as per Drawings. Standard Kilometer stone (placed at each km distance)(SS/SP-1503)	No	4.00				
37	Supply and placing stone marker (RCC 5 kilometer post) including excavation, backfilling, painting and writing etc. all complete as per Drawings.(SS/SP-1503)	No	2.00				
38	Supplying and fixing in place RCC delinator and guard posts including excavation, back filling, painting and erection etc. all complete as per drawings. (SS/SP-1504)	No	300.00				
39	Day Works						
	The rates shall include all cost of operating on site as fuel, lubricant, driver and associated labour wages, overhead and profit. only time actually employed open the work shall be paid.						
	a) Tipper (4- 6 0 m3 capacity)	Hr.	20.00			-	
	b) Truck (8-10 T capacity)	Hr.	20.00			-	
	c) Loader (1-1.5 m3 capacity)	Hr.	20.00			-	
	e) Water Bouser	Hr.	20.00			-	
					Sub Total (With PS)		
					13% VAT		
					Grand Total		

Name of the Firm

Address:-

Seal of the firm:-

Authorised Signature