Bill of Quantities (BOQ)

Lifting Drinking Water from the Karnali River, Himali Rural Municipality, Dhulachaur, Bajura

IFB No.: 80769505300/HRM/NCB/WORKS/LWSP/03/2083/84

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	Insurance for the loss of or damage to works, plants, materials & contractor's equipments including personal injury or death and third party insurance as per Contract Document.	PS	1.00	1,00,000.00 One lakh rupees only.	1,00,000.00 One lakh rupees only.
	Total provisional sums				1,00,000.00 One lakh 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	Earthwork Excavation	Cum	2,578.29			
1.2	Dry Stone Soling Work in Foundation	Cum	51.82			
1.3	Plain Cement Concrete (M10) for Foundation Work	Cum	5.56			
1.4	Plain Cement Concrete(M20) for RCC Work	Cum	30.25			
1.5	Centering and Shuttering for Walls, Vertical Surfaces and Simple Slabs	Sqm	226.21			
1.6	Steel Reinforcement for RCC work	Kg	3,460.87			
1.7	12.5 mm thick 1:3 c-s plaster	Sqm	254.78			
1.8	3 mm thick 1:1 c-s punning	Sqm	38.47			

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)**
1.9	Two (first & second) coats of weather coat painting	Sqm	61.95			
1.10	Painting Works for buried surface	Sqm	29.05			
1.11	Supply and installation of MS Manhole Cover (60×60 cm^2)	Set	3.00			
1.12	Standard 10 mmØ bar mesh on MS angle (40×40×6) frame to lantern opening sides size- 0.75×1.00 m	no	4.00			
1.13	GI water stopper 150 mm wide, 20 SWG	m	81.39			
1.14	Water Level indicator	no	1.00			
1.15	Wire mesh Fencing	m	44.00			
1.16	Entrance Gate for Wire mesh fencing	no	1.00			
1.17	Stone masonry in 1:4	Cum	35.28			
1.18	Plain Cement Concrete 1:2:4 with Formwork	Cum	53.64			
1.19	20 mm Cement Plaster in 1:4	Sqm	709.20			
1.20	Installation of pipe & fittings	no	180.00			

Pipeline, piping, pipes, casing, tubing and related items CPV: 44160000-9 - Pipeline, piping, pipes, casing, tubing and related items						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
2.1	HDPE Pipes 32mm Ø PN10	m	389.40			

Pipeline, piping, pipes, casing, tubing and related items CPV: 44160000-9 - Pipeline, piping, pipes, casing, tubing and related items						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
2.2	HDPE Pipes 40mm Ø PN10	m	130.90			
2.3	HDPE Pipes 50mm Ø PN10	m	429.00			
2.4	HDPE Pipes 63mm Ø PN10	m	242.00			
2.5	HDPE Pipes 75mm Ø PN10	m	655.60			
2.6	HDPE Pipes 90mm Ø PN10	m	612.60			
2.7	HDPE Pipes 20mm Ø PN16	m	4,055.07			
2.8	1/2" dia Compression Brass Union	no	360.00			
2.9	GI Elbow (15 mmØ)	no	720.00			
2.10	Socket (15 mmØ)	no	360.00			
2.11	Brass Tap (15 mmØ)	no	180.00			
2.12	Saddle 32 mm dia	no	14.00			
2.13	Saddle 40 mm dia	no	29.00			
2.14	Saddle 50 mm dia	no	39.00			
2.15	Saddle 63 mm dia	no	74.00			
2.16	Saddle 75 mm dia	no	36.00			
2.17	Saddle 90 mm dia	no	35.00			
2.18	Gun metal Ferrule	no	180.00			

Pipeline, piping, pipes, casing, tubing and related items CPV: 44160000-9 - Pipeline, piping, pipes, casing, tubing and related items						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
2.19	1/2 inch GI Pipe	no	360.00			
2.20	1/2" dia Rotary Piston Water Meter, brass boady,dray dial, flow rate max. 1500lit/hr with one-way valveper	no	180.00			
2.21	Miscellaneous items like glue, thread tape etc.	LS	180.00			

Pipes and fittings CPV: 44163000-0 - Pipes and fittings						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
3.1	1/2" dia GI Elbow (NS – 383)	Pc	6.00			
3.2	2" dia GI Elbow (NS – 383)	Pc	3.00			
3.3	3" dia GI Elbow (NS – 383)	Pc	3.00			
3.4	Gate Valve 2" dia (NS 149-2044)	Pc	1.00			
3.5	Gate Valve 3" dia (NS 149-2044)	Pc	3.00			
3.6	GI Nipple 1/2" dia	Pc	3.00			
3.7	GI Nipple 2" dia Hex	Pc	4.00			
3.8	GI Nipple 3" dia	Pc	4.00			
3.9	GI Reducer 4"x3"	Pc	3.00			
3.10	GI Socket 1/2" dia (NS - 383)	Pc	3.00			

Pipes and fittings CPV: 44163000-0 - Pipes and fittings						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
3.11	GI Socket 2" dia (NS - 383)	Pc	2.00			
3.12	GI Strainer 4" dia	Pc	3.00			
3.13	GI Equal Tee 1/2" dia (NS - 383)	Pc	3.00			
3.14	GI Equal Tee 2" dia (NS - 383)	Pc	1.00			
3.15	GI Unequal Tee 3" x 3" x 1/2" dia	Pc	3.00			
3.16	Flange Set 2" dia	Pc	1.00			
3.17	HDPE Flange Set 3" dia with adapter	Pc	3.00			
3.18	GI Union 1/2" dia	Pc	3.00			
3.19	GI Union 2" dia	Pc	2.00			
3.20	GI Union 3" dia	Pc	3.00			
3.21	GI Pipe 1/2" dia	m	3.00			
3.22	GI Pipe 2" dia	m	7.95			
3.23	GI Pipe 3" dia	m	7.50			
3.24	HDPE Pipe 63mm 10 Kg/cm2	m	5.00			
3.25	All Fittings for Pipelines	LS	1.00			
3.26	Adjustable Wrench-10"	Pc	1.00			
3.27	Pipe wrench-12"	Pc	1.00			

Pipes and fittings CPV: 44163000-0 - Pipes and fittings						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
3.28	Chain Pipe wrench-4"	Pc	1.00			
3.29	Screw driver	Set	2.00			
3.30	Chisel-6"	Pc	1.00			
3.31	Die Set-1/2"-1"	Set	1.00			
3.32	Ratchet Die set1/2"-1"	Pc	1.00			
3.33	Ratchet Die set1/2"-1"	Pc	1.00			
3.34	Hackhaw frame (6 mm)	Set	1.00			
3.35	pick axes	Pc	1.00			
3.36	Shovel	Pc	2.00			
3.37	Electric pipe cutter set of approved quality for pipe up to 250 mm diameter (quality should be approved by the Engineer)	Set	1.00			
3.38	Standard electromechanical butt welding machine set of approved quality for HDPE pipe fittings and jointing up to 250mm diameter	Set	1.00			
3.39	Standard pipe vice set of approved quality for 15mm to 125 mmGI pipe	Set	1.00			
3.40	Tool Box	Set	1.00			
3.41	Hammer 1 kg with handle	no	1.00			

Total Item Price	
VAT (13.00%)	
Grand Total	