Bill of Quantities (BOQ)

Kharibot aappata parpakha gurigaun kolchhapa Lift Khanepani Yojana, Pyuthan Na.pa 9 ra 10

IFB No.: 801055501/02/MUN/NCB/2083/84/K-WSSP

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	Essential Material Lab test of construction work and water quality test as per instruction of Engineer.	PS	1.00	31,500.00 Thirty-one thousand five hundred rupees only.	31,500.00 Thirty-one thousand five hundred rupees only.
PS.2	Insurance for the loss or Damage to work material and contractor's equipment including personnel injury and death as per condition of contract and contract data	PS	1.00	36,000.00 Thirty-six thousand rupees only.	36,000.00 Thirty-six thousand rupees only.
PS.3	Construction of any miscellaneous work including maintainance relocation repair and replace of any item of pumping,pipeline and other work as per instruction of engineer.	PS	1.00	55,000.00 Fifty-five thousand rupees only.	55,000.00 Fifty-five thousand rupees only.
	Total provisional sums				1,22,500.00 One lakh twenty-two thousand five hundred 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	Site Clearance	sqm	88.94			
1.2	Earthwork In Excavation(BMS Soil)	cum	174.53			
1.3	Earthwork Backfilling Work (ferro tank)	cum	0.85			
1.4	Earthwork Backfilling Work	cum	36.87			
1.5	Earthwork In Excavation(for Water Drainage)	cum	1.25			

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1.6	Stone Masonary Work (1:6)	cum	9.66			
1.7	Stone Masonary Work (1:4)	cum	4.54			
1.8	Gravel Packing Work	cum	0.22			
1.9	Stone Soling Work	cum	35.66			
1.10	PCC Work(1:3:6)	cum	17.15			
1.11	PCC Work(1:2:4)	cum	19.37			
1.12	PCC Work(1:1.5:3)	cum	45.24			
1.13	TMT Steel Work for RCC	kg	6,970.03			
1.14	Form Work	sqm	296.80			
1.15	Cement Puning Work(1:1)	sqm	115.06			
1.16	20 mm Thick Cement Sand Plaster(1:3)	sqm	6.27			
1.17	Pipe Fitting Work for Spring Intake Type-2&3	job	1.00			
1.18	Pipe Fitting Work for Air Valve Chamber	job	2.00			
1.19	Pipe Fitting Work for Cable Crossing	job	7.00			
1.20	Polythene Sheet Laying Work (300 gsm)	sqm	3.75			
1.21	600 mm Dia Circular Slab Frame Laying Work	nos	3.00			

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1.22	Providing and laying and Plum concrete (boulder mixed concrete) as per drawing and technical specifications.(A) 60% M15 concrete and 40% boulder stones using mechanical aids including formwork all complete.	cum	19.38			
1.23	Making and fitting fixing sal wood Panelled door shutter with 38 mm thick sal wood frame.	sqm	3.02			
1.24	MS Grill for Window	kg	21.30			
1.25	12.5 mm thick 1:3 cement-sand plaster	sqm	108.79			
1.26	12.5 mm thick 1:4 cement-sand plaster	sqm	209.39			
1.27	Bitumen paint on the buried surface of storage tank	sqm	30.45			
1.28	Snowcem paint on exposed surface of storage tank	sqm	206.60			
1.29	32 mmØ GI pipe ladder 45cm width -for tank inside	nos	2.00			
1.30	Standard Manhole cover set 75×75 cm size	nos	4.00			
1.31	Installation of Pipes & fittings	Job	2.00			
1.32	Site levelling work	Job	2.00			
1.33	Supply and installation of Submersible pump confirming to IS:8034 or equivalent coupled with a suitable Star-Delta started UQD 152/35-UMA G-150(16/21)-13 KW,17.5 HP or Equivalent motor suitable to install in a 8" diameter well for a duty of 10 m^3/hour at 264 meter total head. Available power Supply : AC 3 phase 400 ± 10 % Volt, three Phase A.C. 50 HZ, Pump outlet size : 50 mm	Set	1.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.34	Supply and installation of Submersible pump confirming to IS:8034 or equivalent coupled with a suitable Star-Delta started UQD 112/34-UMAI-150(9/22)-9.3 KW,12.5 HP or Equivalent motor suitable to install in a 8" diameter well for a duty of 6 m^3/hour at 250 m head meter total head. Available power Supply : AC 3 phase 400 ± 10 % Volt, three Phase A.C. 50 HZ, Pump outlet size : 50 mm	Set	1.00			
1.35	Supply and installation of Submersible pump confirming to IS:8034 or equivalent coupled with a suitable Star-Delta started UQD 212/20-UMA G-150(21/21)-15 KW,20 HP or Equivalent motor suitable to install in a 8" diameter well for a duty of 16 m^3/hour at 205 m head meter total head. Available power Supply : AC 3 phase 400 ± 10 % Volt, three Phase A.C. 50 HZ, Pump outlet size : 50 mm	Set	1.00			
1.36	Cast Steel non Return Valve (Class 300) DN 50mm	nos	1.00			
1.37	GI Pipe Laying and Weilding	nos	60.00			
1.38	HDPE Pipe(20mm) - 16 kgf/cm2	mtr	1,155.00			
1.39	HDPE Pipe(25mm) - 16 kgf/cm2	mtr	500.00			
1.40	HDPE Pipe(32mm) - 16 kgf/cm2	mtr	1,312.50			
1.41	HDPE Pipe(40mm) - 12.5 kgf/cm2	mtr	1,200.00			
1.42	HDPE Pipe(50mm) - 6 kgf/cm2	mtr	10.10			
1.43	HDPE Pipe(50mm) - 12.5 kgf/cm2	mtr	1,350.00			
1.44	G.I. Pipe (1/2") - MC	mtr	19.80			
1.45	G.I. Pipe (1") - MC	mtr	18.00			
1.46	G.I. Pipe (1-1/4") - MC	mtr	25.30			

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1.47	G.I. Pipe (1-1/2") - MC	mtr	47.40			
1.48	G.I. Pipe (2") - MC	mtr	5.50			
1.49	G.I. Pipe (1-1/4") - HC	mtr	317.00			
1.50	G.I. Elbow (1")	pcs	10.00			
1.51	G.I. Elbow (1-1/4")	pcs	10.00			
1.52	G.I. Elbow (1-1/2")	pcs	26.00			
1.53	G.I. Elbow (2")	pcs	2.00			
1.54	G.I. Hex Nipple (1")	pcs	4.00			
1.55	G.I. Hex Nipple (1-1/4")	pcs	4.00			
1.56	G.I. Hex Nipple (1-1/2")	pcs	15.00			
1.57	G.I. Nipple-150 mm long (1")	pcs	3.00			
1.58	G.I. Nipple-150 mm long (1-1/4")	pcs	6.00			
1.59	G.I. Nipple-150 mm long (1-1/2")	pcs	15.00			
1.60	G.I. Nipple-150 mm long (2")	pcs	2.00			
1.61	G.I. Socket (1-1/4")	pcs	2.00			
1.62	G.I. Socket (1-1/2")	pcs	1.00			
1.63	G.I. Socket (2")	pcs	2.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.64	G.I. Equal Tee (1/2")	pcs	1.00			
1.65	G.I. Equal Tee (1-1/2")	pcs	1.00			
1.66	G.I. Unequal Tee 1" X 1" X 1/2"	pcs	1.00			
1.67	G.I. Unequal Tee 1-1/4" X 1-1/4" X 1/2"	pcs	3.00			
1.68	G.I. Unequal Tee 1-1/2" X 1-1/2" X 1/2"	pcs	7.00			
1.69	G.I. End Plug (2")	pcs	2.00			
1.70	G.I. Union 1-1/4"	pcs	1.00			
1.71	G.I. Union 1-1/2"	pcs	3.00			
1.72	Gate Valve (1")	pcs	1.00			
1.73	Gate Valve (1-1/4")	pcs	2.00			
1.74	Gate Valve (1-1/2")	pcs	7.00			
1.75	Air Valve (1/2")	pcs	2.00			
1.76	GI/HDPE Flange (32mm x 1")	pcs	1.00			
1.77	GI/HDPE Flange (40mm x 1-1/4")	pcs	2.00			
1.78	GI/HDPE Flange (50mm x 1-1/2")	pcs	17.00			
1.79	Brass Union (32mm x 1")	pcs	4.00			
1.80	Brass Union (40mm x 1-1/4")	pcs	4.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.81	Eartwork Excavation in Pipe Line	Cum	1,134.00			
1.82	Earthwork Backfilling in Pipeline	Cum	1,134.00			
1.83	HDPE Pipe Laying and Jointing Work(20/25 mm)	mtr	1,655.00			
1.84	HDPE Pipe Laying and Jointing Work(32 mm)	mtr	1,312.50			
1.85	HDPE Pipe Laying and Jointing Work(40/50 mm)	mtr	2,560.10			
1.86	GI Pipe Laying and Jointing Work(15/20 mm)	mtr	19.80			
1.87	GI Pipe Laying and Jointing Work(25/32 mm)	mtr	360.30			
1.88	GI Pipe Laying and Jointing Work(40/50 mm)	mtr	52.90			
1.89	Transportation Cost(non local material)	kg	5,105.84			
1.90	9m Steel Tubular Pole(IS :410 SP-43)Fully Galvanized 160 kg erection and joining all complete with all necessary accessories	nos	1.00			
1.91	installation testing inspection and maintainance of existing electric work incliding any additional wire fitting and labour charge	job	1.00			

Total Item Price	
VAT (13.00%)	
Grand Total	