

Shotcrete Machine assuming 2,000 hrs.

Annexure-j(iii)

Mandatory Spares to be Supplied With Shotcrete Machine – 30cum/hr

SN	Description	Part No.	Quantity	Unit of Measurement	Unit Price @ CIP, DHPP, Mongar, Bhutan*	Unit Price @ CIP, DHPP, Mongar, Bhutan after offloading 5% GST & 5% TDS	Total Price @ CIP, DHPP, Mongar, Bhutan*
<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	$g = f / (1 + 10\%)$	$h = d \times g$
1	Hydraulic Oil Filter Element	101001020	4	pcs	18,665.75	16,968.86	67,875.45
2	Hydraulic Oil Filter Element	101001021	2	pcs	16,314.16	14,831.05	29,662.11
3	Hydraulic Oil Filter Element	101001022	2	pcs	11,757.95	10,689.05	21,378.09
4	Hydraulic Oil Filter Element	101001024	2	pcs	11,023.08	10,020.98	20,041.96
5	Diesel engine air filter	101251028	10	pcs	4,409.23	4,008.39	40,083.93
6	Diesel engine oil filter	101251027	10	pcs	3,674.36	3,340.33	33,403.27
7	Diesel engine oil/water separator	101251026	10	pcs	7,348.72	6,680.65	66,806.55
8	Diesel engine fuel filter	101251025	10	pcs	5,144.10	4,676.46	46,764.58
9	Shotcrete Hose	100108042	4	pcs	33,849.67	30,772.43	123,089.72
10	Air Hose	10130151	3	pcs	11,871.12	10,791.93	32,375.79
11	Small Air Hose	10130153	2	pcs	7,122.38	6,474.89	12,949.78
12	Accelerator Hose	10130152	3	pcs	8,478.95	7,708.14	23,124.42
13	Reducing Pipe	100108137	1	pcs	40,362.11	36,692.83	36,692.83
14	Discharge Outlet Sealing Ring	101501164	1	pcs	1,028.82	935.29	935.29
15	Intermediate Relay	1009050029	8	pcs	2,035.60	1,850.54	14,804.33
16	Solenoid Valve Coil	101001002	10	pcs	8,139.44	7,399.49	73,994.93
17	Three-Position Self-Reset Switch	100901003	2	pcs	2,035.60	1,850.54	3,701.08
18	Steel Pipe	100108088	1	pcs	5,144.10	4,676.46	4,676.46
19	Sealing Ring	100110020	8	pcs	440.92	400.84	3,206.71
20	Sealing Ring	100110008	3	pcs	587.90	534.45	1,603.36
21	Air Ring Sleeve	100108139	1	pcs	3,358.37	3,053.06	3,053.06
22	Inner Nozzle	100108132	1	pcs	17,636.93	16,033.57	16,033.57
23	Pipe Clamp	100108040	8	pcs	4,409.23	4,008.39	32,067.14
24	Pipe Clamp	100108039	3	pcs	4,409.23	4,008.39	12,025.18
25	Proximity Switch	100108318	2	pcs	13,567.21	12,333.82	24,667.65

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<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	$g = f / (1 + 10\%)$	$h = d \times g$
26	Large Elbow	100108085	2	pcs	32,390.22	29,445.65	58,891.31
27	240 Threaded Connector	10010007	2	pcs	587.90	534.45	1,068.90
28	Stainless Steel Connector	10010007	2	pcs	2,001.79	1,819.81	3,639.62
29	Stainless Steel Connector	10010007	2	pcs	2,137.01	1,942.73	3,885.47
30	Stainless Steel Connector	10010007	4	pcs	2,238.42	2,034.93	8,139.71
31	Stainless Steel Connector	10010007	1	pcs	3,358.37	3,053.06	3,053.06
32	Stainless Steel Connector	10010007	4	pcs	2,238.42	2,034.93	8,139.71
33	Stainless Steel Connector	10010007	4	pcs	3,358.37	3,053.06	12,212.24
34	Y-Type Connector	100108032	1	pcs	25,811.64	23,465.13	23,465.13
35	Vibration Motor	100109004	1	pcs	29,847.56	27,134.15	27,134.15
36	Swing Frame	101002031	1	pcs	18,993.50	17,266.82	17,266.82
37	Nozzle Connecting Pipe	101002004	1	pcs	18,993.50	17,266.82	17,266.82
38	S Tube	101501379	1	pcs	108,195.20	98,359.28	98,359.28
39	Big End Assembly	101501337	1	pcs	31,712.67	28,829.70	28,829.70
40	Big End Seal	101501353	1	pcs	9,553.34	8,684.85	8,684.85
41	Small End Four-Piece Set	101501339	1	pcs	24,250.78	22,046.16	22,046.16
42	Cutting Ring	101501373	1	pcs	34,594.83	31,449.85	31,449.85
43	Wear Plate	101501387	1	pcs	98,020.17	89,109.24	89,109.24
44	Swing Cylinder	10502412	2	pcs	45,788.40	41,625.82	83,251.64
45	Mixing Shaft Sleeve	101501343	2	pcs	4,703.18	4,275.62	8,551.24
46	Mixing Bearing	101501342	2	pcs	4,703.18	4,275.62	8,551.24
47	Mixing Seal	101501341	1	pcs	3,459.78	3,145.25	3,145.25
48	Mixing Dustproof Seat	10502410	2	pcs	15,533.72	14,121.57	28,243.14
49	Rocker Arm	101501366	1	pcs	25,946.86	23,588.06	23,588.06
50	Ball Socket	101501364	4	pcs	1,469.74	1,336.13	5,344.52

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<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	$g = f / (1 + 10\%)$	$h = d \times g$
	Total for One Equipment						1,368,334.34

* Rate is BTN/INR