

Tender Name: Piped Water Supply Scheme At Bodampasa-Gurgaon

Name of Work: Piped Water Supply Scheme At Bodampasa-Gurgaon

Contract No:

Bidder Name:

**PRICE SCHEDULE**

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NUMBE	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	NUMBER #	TEXT #
SL No.	Item Description	Item Code / Make	Quantity	Units	Estimated Rate	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	2	3	4	5	6	53	54	55
1	SUB WORK - 1 RENOVATION WELL (6x15m) Item No. 1:- Excavation in general in soft material comprising of soft soil, soft murum, sand, hard murum with boulders in wet or dry condition for Head Works i.e. Intake Well, Connecting Pipe, Jack Well, Pump House, Supply Well, etc. for lift 0 to 1.5 M and lead of 150 M including baricating, gurading, disposing off surplus excavated stuff within a radius of 0.5 km. as directed by Engineer-in- charge, etc. complete excluding refilling. A] Soft strata Lift 0.00 to 6.00 M.		525.44	Cum	334.40	175707.14	175707.1360	INR One Lakh Seventy Five Thousand Seven Hundred & Seven and Paise Fourteen Only
2	B] Hard strata Lift 8.50 to 12.00 M		302.77	Cum	777.70	235464.23	235464.2290	INR Two Lakh Thirty Five Thousand Four Hundred & Sixty Four and Paise Twenty Three Only
3	Lift Charges beyond initial lift 0 to 1.50 m. Lift 1.50 to 3.00 M.		142.55	Cum	29.70	4233.74	4233.7350	INR Four Thousand Two Hundred & Thirty Three and Paise Seventy Four Only
4	Lift 3.00 to 4.50 M.		117.81	Cum	59.40	6997.91	6997.9140	INR Six Thousand Nine Hundred & Ninety Seven and Paise Ninety One Only
5	Lift 4.50 to 6.00 M.		95.43	Cum	89.10	8502.81	8502.8130	INR Eight Thousand Five Hundred & Two and Paise Eighty One Only
6	Lift 6.00 to 7.50 M.		75.40	Cum	118.80	8957.52	8957.5200	INR Eight Thousand Nine Hundred & Fifty Seven and Paise Fifty Two Only
7	Lift 7.50 to 9.00 M.		57.73	Cum	148.50	8572.91	8572.9050	INR Eight Thousand Five Hundred & Seventy Two and Paise Ninety Only
8	Lift 9.00 to 10.50 M.		42.41	Cum	178.20	7557.46	7557.4620	INR Seven Thousand Five Hundred & Fifty Seven and Paise Forty Six Only

9	Lift 10.50 to 12.00 M.		42.41	Cum	207.90	8817.64	8817.64	INR Eight Thousand Seven Hundred and Paise Four Only
10	Lift 12.00 to 13.50 M.		42.41	Cum	237.60	10076.62	10076.6160	INR Ten Thousand & Seventy Six and Paise Sixty Two Only
11	Lift 13.50 to 15.00 M.		42.41	Cum	267.30	11336.19	11336.1930	INR Eleven Thousand Three Hundred & Thirty Six and Paise Nineteen Only
12	Item No.2 :- Dewatering the excavated trenches and pools of water in the building trenches / pipeline trenches, well works by using pumps and other devices including disposing off water to safe distance as directed by Engineer-in-charge (including cost of machinery, labour, fuel), etc. Complete.		1125.00	BHP.Hr	84.70	95287.50	95287.5000	INR Ninety Five Thousand Two Hundred & Eighty Seven and Paise Fifty Only
13	Item No.3 :-Providing and laying in situ Cement concrete of trap/granite/quartzite/ gneiss metal for PCC work below foundation and footing including normal dewatering,plywood form work, compaction, finishing and curing, etc. complete. P.C.C. 1:2:4 ( M-150 ) grade		1.02	Cum	6824.40	6960.89	6960.8880	INR Six Thousand Nine Hundred & Sixty and Paise Eighty Nine Only
14	Item No.4 Providing and casting in situ C. C. of trap/granite/quartzite/ gneiss metal of approved quality for RCC work as per detailed drawings and designs or as directed by Engineer-in-charge including normal dewatering, plywood form work,bully/steel prop ups, compaction, finishing the formed surfaces with CM 1:3 of sufficient minimum thickness to give a smooth and even surface wherever necessary or roughening if special finssh is to be provided and curing, etc. complete. (By weigh batching and mix design for M-250 and M-300 only. Use fo L&T, A.C. C., Ambuja, Birla Gold, Manikgad, Rajashree, etc. cement is permitted .)( Excluding M.S. or tor reinforcement ). For RCC M-200 grade Beam		3.06	Cum	10164.00	31101.84	31101.8400	INR Thirty One Thousand One Hundred & One and Paise Eighty Four Only
15	For RCC M-200 grade vertical wall		34.70	Cum	10901.00	378264.70	378264.7000	INR Three Lakh Seventy Eight Thousand Two Hundred & Sixty Four and Paise Seventy Only

16	Item no-5 Providing and fixing in position steel bar reinforcement of various diameters for RCC piles, caps, footings, foundation, slabs, beams, columns, canopies, staircases, newels, chajias, lintels, parties, copings, fins, arches, etc. as per detailed designs, drawings and schedules, including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required, etc. complete. (including cost of binding wire)		1.89	MT	106926.60	102091.27	202091.2740	INR Two Lakh Two Thousand & Ninety One and Paise Twenty Seven Only
17	Item no-6 Providing structural steel work in single stanchions composed of RSJ, channel, etc. with caps, bases, mild steel plates, angles, brackets, cleats, gusset plates, anchor bolts, etc. as per detailed design and drawing or as directed by Engineer-in-charge including cutting, fabrication, hoisting, erecting, fixing in position, making riveted/ bolted / welded connections and one coats of anticorrosive paint and over it two coats of oil painting, etc. complete.		0.64	MT	97206.00	62211.84	62211.8400	INR Sixty Two Thousand Two Hundred & Eleven and Paise Eighty Four Only
18	Item no-7 :- Refilling the trenches with available excavated stuff with soft material first over pipeline and then hard material in 15 cm layers with all leads and lifts including consolidation, surcharging, etc. Complete.	18	616.67	cum	92.40	56980.31	56980.3080	INR Fifty Six Thousand Nine Hundred & Eighty and Paise Thirty One Only
19	Item no-8:- Providing, and fixing 80 mm dia A.C./P.V.C. pipe weep holes at 1.5 M c/c staggered including cost of all materials and labour involved with all leads and lifts etc. complete with all leads and lifts.		15.00	Nos	221.10	3316.50	3316.5000	INR Three Thousand Three Hundred & Sixteen and Paise Fifty Only
20	Item no-9 Providing and filling around the well boulders filling of selected variety and size of boulders including cost of all materials, labour, transportation, etc. complete with all leads and lifts.		19.36	Cum	1071.40	20742.30	20742.3040	INR Twenty Thousand Seven Hundred & Forty Two and Paise Thirty Only
21	Item no-10. Providing and fixing in position C.I. Type dapuri steps of 22 mm dia. M.S. bar step with proper anchorage, etc. and providing and applying 3 coats of anticorrosive paint, etc complete as directed by Engineer-in-charge.		12.00	No	425.70	5108.40	5108.4000	INR Five Thousand One Hundred & Eight and Paise Forty Only
22	Item no-11 Providing and Drilling Horizontal Bore for increasing storage capacity including all transportation charges of Ridge with labour charges etc.		120.00	RTM	405.90	48708.00	48708.0000	INR Forty Eight Thousand Seven Hundred & Eight Only
23	Item no-12 Providing and Drilling trial Bore for includes all transportation charges of Ridge with labour charges etc.		30.00	RTM	3392.40	101772.00	101772.0000	INR One Lakh One Thousand Seven Hundred & Seventy Two Only
24	Item no-13 Giving Yield Test ..... etc.comp. and Designing of Well		7.00	Day	2383.70	16685.90	16685.9000	INR Sixteen Thousand Six Hundred & Eighty Five and Paise Ninety Only

26	Item no-2 Providing dry trap/granite/quartzite/gneiss, rubble stone soling..	2.35	Cum	1520.20	3672.47	3672.4700	Five Only INR Three Thousand Five Hundred & Seventy Two and Paise Forty Seven Only
27	Item no-3 Filling in Plinth and floor/trenches with contractors murum for bedding in 15cm to 20cm layers including watering and compaction complete.	4.68	Cum	911.90	4267.70	4267.7011	INR Four Thousand Two Hundred & Sixty Seven and Paise Seventy Only
28	Item no-4 Providing and laying in situ cement concrete M- 10/1:3:6 of trap/granite....	1.75	Cum	6274.40	10980.20	10980.2000	INR Ten Thousand Nine Hundred & Eighty and Paise Twenty Only
29	Item no-5 Providing and casting in situ Cement Concrete of metal of approved quality for RCC work as per detailed drawings and designs or as directed by Engineer-in-charge including normal dewatering, centering, form work, compaction, finishing the formed surface curing, etc. complete. Use of L & T, A.C.C. , Ambuja , Birla Gold , Manikgad, Rajashree, etc. cement is permitted. RCC M-200 R.C.C. Footing BJR.C.C. Column	0.24	Cum	8049.80	1956.11	1956.1094	INR One Thousand Nine Hundred & Fifty Six and Paise Eleven Only
30		1.14	Cum	9696.50	11064.01	11064.0100	INR Eleven Thousand & Fifty Four and Paise One Only
31	C)R.C.C. Beam	3.56	Cum	9541.40	33967.39	33967.3936	INR Thirty Three Thousand Nine Hundred & Sixty Seven and Paise Thirty Nine Only
32	D)Chajja	0.16	Cum	10200.30	1632.06	1632.0480	INR One Thousand Six Hundred & Thirty Two and Paise Five Only
33	E)R.C.C. Slab	1.70	Cum	10244.30	17416.31	17416.3100	INR Seventeen Thousand Four Hundred & Fifteen and Paise Thirty One Only
34	Item no-6 Providing 2nd class B.B. masonry with conventional bricks in C.M....	10.56	Cum	8793.40	92868.30	92868.3040	INR Ninety Two Thousand Eight Hundred & Fifty Eight and Paise Thirty Only
35	Item no-7 Providing and fixing Country cut teak wood single leaf panelled door shutter without fanlight and 25mm thick as per drawing consisting of T.W. top rail size 100mm x 25mm and bottom lock rail 200mm x 25mm	2.10	Sqm	6437.20	13518.12	13518.1200	INR Thirteen Thousand Five Hundred & Eighteen and Paise Twelve Only
36	Item no-8 Providing and fixing steel window of various sizes per detailed drawing with out hot dip zinc coating, without ventilators, including fabricating/glazing with plain/obscured glass panels of approved type and quality, iron oxidised fixture sand	0.54	Sqm	5067.70	2736.66	2736.6580	INR Two Thousand Seven Hundred & Thirty Six and Paise Fifty Six Only
37	Item no-9 Providing & Fixing in position steel bar reinforcement of various dia. For RCC....	0.48	MT	106926.60	50897.07	50897.0669	INR Fifty Thousand Eight Hundred & Ninety Seven and Paise Seven Only

38	Item no-10 Providing Cement plaster for following thickness with appropriate coats in cement mortar.....		43.92	Sqm	412.50	18117.00	18117.0041	INR Eighteen Thousand One Hundred & Seventeen Only
39	Item no-11 Providing Sand faced cement plaster for following thickness with appropriate coats in cement mortar.....		64.70	Sqm	702.90	45474.68	45474.6813	INR Forty Five Thousand Four Hundred & Seventy Four and Paise Sixty Eight Only
40	Item no-12 providing and laying Rough Shahabad Stone Flooring 25mm to 30mm thick and of required width in plain/ diamond pattern on a bed of 1:6 C.M. including cement float, striking joints, pointing in cement mortar 1:3 curing and cleaning etc. complete		9.00	Sq m	804.10	7236.90	7236.9000	INR Seven Thousand Two Hundred & Thirty Six and Paise Ninety Only
41	Item no-13 Providing and applying washable distemper of approved colour and shade.....		43.92	Sqm	30.80	1352.75	1352.7483	INR One Thousand Three Hundred & Fifty Two and Paise Seventy Five Only
42	Item no-14 Providing and applying white wash on old /new plastered or masonry surface and asbestos cement sheets.....		9.00	Sqm	13.20	118.80	118.8000	INR One Hundred & Eighteen and Paise Eighty Only
43	Item no-15 Providing and applying one coat of flat oil paint of approved colour and shade to internal / external plastered surfaces including scaffolding if necessary, cleaning and preparing the surface.		64.70	Sqm	58.30	3771.77	3771.7681	INR Three Thousand Seven Hundred & Seventy One and Paise Seventy Seven Only
44	Item no-16 Point wiring for independent plug, concealed type in min 20 mm ISI marked HMS PVC conduit with 1.5 sq.mm (2+1E) FR grade copper wires, modular type switch and socket, earthing and required accessories as per specification No WG-PW/SW		1.00	LSM	5000.00	5000.00	5000.0000	INR Five Thousand Only

45	Subwork - 3 Pumping Machinery 15.0 BHP Item No.1- Providing, erecting and giving test of submersible pump set conforming to IS 8034 and motor conforming to IS 9283, with water proof winding. Pump shall be suitable for various delivery head and discharge with stainless steel shaft. Motor suitable for working on 415 V ± 10%, 3 Ph, 50 Hz A.C. Supply, with cable guard, thrust carbon/fiber bearing to withstand entire hydraulic thrust. The pump set shall be suitable for direct coupling, with suitable suction strainer. Pump should have suitable discharge out let as per manufacturer's design. Antithrust stream lined non return valve shall be provided with the pump. 3 m submersible copper conductor cable in single / double run and 2 pairs of suitable size erection clamp 10 mm thick shall be provided with each pump. Submersible Pump 150 mm dia (with Bronze / Stainless steel(CFBM) Impeller) up to 8 stages 15.00 BHP	2.00	Each	61601.10	123202.20	123202.2000	INR One Lakh Twenty Three Thousand Two Hundred & Two and Paise Twenty Only
46	Item No.2- Supplying & erecting flat/ flexible 3 core 10 sqmm copper cable intervals with column pipe assembly etc complete. Flat flexible 3 core 10sqmm copper cable	80.00	Mtr	406.00	32480.00	32480.0000	INR Thirty Two Thousand Four Hundred & Eighty Only
47	Item No.3 - Supplying and erecting Fully Automatic Star Delta Starter to operate squirrel cage induction motor working on 380-440volt, 3phase 50Hz with no volt coil over load element and on off push buttons. Starter with original Sheet steel encloser. >7.5HP and up to 12.50HP	1.00	Rmt	7804.00	7804.00	7804.0000	INR Seven Thousand Eight Hundred & Four Only
48	Item No.4- Providing, installing & commissioning main control pannel board including V.meter & A. meter of suitable range single phase prevention 8 Nos. of phase indicator lamps with colour glass of 230 V rotary switch over load capacitor suitable for 7.50HP and 12.50BHP pump etc.complete. (Market rate)	1.00	Nos.	60504.00	60504.00	60504.0000	INR Sixty Thousand Five Hundred & Four Only
49	Item No.5- Providing, erecting Pressure gauge of required range complete with syphon tube, isolating cock suitable for 12 mm dia G.I. Pipe. Pressure gauge shall be installed as directed, with tapping on rising main. Pressure gauge (100 mm dia)	1.00	Nos	1382.00	1382.00	1382.0000	INR One Thousand Three Hundred & Eighty Two Only
50	Item No.6- Main wiring work from M. S. E. B. cut out to the panel board 4 core x 459 mm 1100 grade with I. S. I. Mark standard / Aluminum armored cable (94.1 p.36)	10.00	RMT	212.00	2120.00	2120.0000	INR Two Thousand One Hundred & Twenty Only
51	Item No.7-Providing pipe type earthing with 40mm. dia. G.I. pipe or 20 mm dia. G.I. Rod complete with all materials as per specification no. EA-EP	1.00	Job	1500.00	1500.00	1500.0000	INR One Thousand Five Hundred Only



57	Item No.6 :- Ad. Royalty		1.00	Lmap	20000.00	20000.00	20000.0000	INR Twenty Thousand Only
58	Subwork - 5 Rising Main 100mm-DI-K-9 L-980 m Item No. 1 :-Providing and supplying in standard lengths Polyethelene Pipes, confirming to IS 4984 /14151 / 12786 / 13488 with necessary jointing material like mechanical connector i. e. thread / insert joint / quick release coupler joint / compression fitting joint or flanged joint excluding coupler/specials, including transportation and freight charges, inspection charges, loading / unloading charges, conveyance to the departmental stores & stacking the same in closed shade duly protecting from sunrays & rains, excluding GST levied by GI & GOM in all respect etc. complete. 100 mm DI Pipe K-9		980.00	Rmt	1455.00	1425900.00	1425900.0000	INR Fourteen Lakh Twenty Five Thousand Nine Hundred Only
59	Item No.2- 5% of cost of pipes shall be considered for cost of PVC/HDPE specials for estimate purpose only.		0.10	%	1425900.00	142590.00	142590.0000	INR One Lakh Forty Two Thousand Five Hundred & Ninety Only
60	Item No.3- Providing double flange sluice valve confirming for IS- 14846 including worn gear arrangements as per test pressure, stainless steel spindle, caps, including inspection charges, transportation upto departmental store, unloading, stacking excluding GST levied by GOI & GOM in all respect etc. complete Sluice valves 100 mm Dia. PN-1.0		2.00	Nos	6835.00	13670.00	13670.0000	INR Thirteen Thousand Six Hundred & Seventy Only
61	Item No. 4 ;Providing & supplying ISI mark CI D/F reflux valve (Non-return valve) of following dia including all taxes (central and local ), railway freight, inspection charges unloading from railway wagon, loading into truck, transportation upto department stores/site, unloading, stacking etc. complete. reflux valves as per I.S.5312 part I (1984) Reflux valves 100 mm Dia		2.00	Nos.	5713.00	11426.00	11426.0000	INR Eleven Thousand Four Hundred & Twenty Six Only
62	Item No. 5 :-Providing, erecting, connecting double flanged short body pattern tye manually operated Butterfly Valve having body, disc and end cover in graded cast iron to IS 210 Gr. CF 200 generally conforming in BS 5155, Synthetic rubber faced ring secured on disc by retaining ring with stainless steel screw stub shaft of stainless steel riding in Teflon bearings excluding C.C. foundation/ structural steel support confirming to IS 3095-1991. Sluice valves 100 mm PN 1.0 Dia. for Washout		1.00	No	6835.00	6835.00	6835.0000	INR Six Thousand Eight Hundred & Thirty Five Only

63	Item No. 6;-Providing and supplying Air valves as per IS-10845 and MJP's standard specifications of approved mark and quality of following diameters including all taxes (Central and local), railway freight, inspection charges unloading from railway wagons, loading into truck, transportation upto departmental stores/ site, unloading and stacking etc. complete. Air valves 25 mm Dia Kinematic		4.00	Nos.	1267.00	5068.00	5068.0000	INR Five Thousand & Sixty Eight Only
64	Item No 7.-Excavation for foundation/ pipe trenches in earth, soils of all types, sand gravel and soft murum, including removing the excavated material upto a distance of 50 meters & lifts as below, stacking & spreading as directed, normal dewatering, preparing the bed for foundation and excluding backfilling, etc. complete. Earth Soil		176.40	Nos.	165.00	29106.00	29106.0000	INR Twenty Nine Thousand One Hundred & Six Only
65	Item No.8- Excavation for foundation/pipe trenches in hard murum and boulders, W.B.M. road including removing the excavated material upto a distance of 50 M beyond the area and lifts as below, stacking and spreading as directed by Engineer-in-charge, normal dewatering, preparing the bed for foundation and excluding back- filling, etc. (HARD MURRUM)		176.40	cum	211.20	37255.68	37255.6800	INR Thirty Seven Thousand Two Hundred & Fifty Five and Paise Sixty Eight Only
66	Item No.9- Excavation for foundation/ pipe trenches in soft rock and old cement and lime masonry foundation asphalt road including removing the excavated material upto a distance of 50 M beyond area and lifts as below, stacking as directed by Engineer-in-charges, normal dewatering, preparing the bed for foundation and excluding backfilling, etc. complete. Soft Rock		176.40	Cum	629.20	110990.88	110990.8800	INR One Lakh Ten Thousand Nine Hundred & Ninety and Paise Eighty Eight Only
67	Item No.10 -Excavation for foundation / pipe trenches in hard rock by controlled Chizzelling, wedging line drilling by mchanical means or by other means by blasting including trimming and levelling the bed by chiselling where necessary and removing the excavated material and stacking it in measurable heaps within a distance of 50 metres from the area and lifts as below, normal dewatering, excluding backfilling, etc. complete. Lift 0 to 1.5 M Hard Rock		88.20	Cum	1118.70	98669.34	98669.3400	INR Ninety Eight Thousand Six Hundred & Sixty Nine and Paise Thirty Four Only
68	Item No.11 Filling in plinth and floors murum bedding in trenches with approved murum from foundation 15 cm to 20 cm layers including watering and compaction complete.		88.20	Cum	92.40	8149.68	8149.6800	INR Eight Thousand One Hundred & Forty Nine and Paise Sixty Eight Only

69	Item No.12 - Lowering, Laying and Jointing H. D. P. E./ M. D. P. E. pipe in proper position including all specials by compression fitting/electrofusion and butt fusion jointing procedure as per relevant IS Code complete with all materials for jointing procedure like Electrofusion machine, Electric heater/butt fusion welding machine with hydraulic jack, top loading clamp etc. and all labours as directed by engineer in charge as per IS-7634 Part II 100 mm Dia DI Pipe K-9		980.00	RMT	77.00	75460.00	75460.0000	INR Seventy Five Thousand Four Hundred & Sixty Only
70	Item No.13 - Lowering laying and jointing in position following C.I./D/F Reflux valves Butterfly valves and sluice valves including cost of all labour joining material, including nut bolts and giving satisfactory hydraulic testing etc. complete. (Rate for all class of sluice valves) Sluice valves 100 mm Dia.		2.00	No	2499.20	4998.40	4998.4000	INR Four Thousand Nine Hundred & Ninety Eight and Paise Forty Only
71	Item No.14 - Lowering laying and jointing in position following C.I./D/F Reflux valves Butterfly valves and sluice valves including cost of all labour joining material, including nut bolts and giving satisfactory hydraulic testing etc. complete. (Rate for all class of sluice valves) Reflux valves 100 mm Dia		2.00	Nos	2499.20	4998.40	4998.4000	INR Four Thousand Nine Hundred & Ninety Eight and Paise Forty Only
72	Item No.15 Lowering laying and jointing in position following C.I./D/F Reflux valves Butterfly valves and sluice valves including cost of all labour joining material, including nut bolts and giving satisfactory hydraulic testing etc. complete. (Rate for all class of sluice valves) Sluice Valve 100 mm For Washout PN-1.0		1.00	No	2499.20	2499.20	2499.2000	INR Two Thousand Four Hundred & Ninety Nine and Paise Twenty Only
73	Item No.16 Lowering, Laying and fixing in proper alignment and position all types of C.I. Air valves as directed by Engineer in-charge including cost of conveyance from stores to site of work, cost of all material and giving satisfactory hydraulic testing, etc complete. Air Valve 50 mm Dia Kinetic		4.00	No	239.80	959.20	959.2000	INR Nine Hundred & Fifty Nine and Paise Twenty Only
74	Item No.17 Providing and fixing in position air valve shaft including providing and fixing GI Medium Class or 6 mm thick M.S. pipe shaft 2.70 M long over branch flange of air valve tee, providing PCC block of M-150 concrete 150 mm thick around the air valve tee including encasing of vertical shaft in PCC M-150 as shown in type design together with providing and making flanged joints wherever required and fixing of air valve over the shaft excluding cost of air valve and branch flanged air valve tee, etc. complete as per type design and as directed by Engineer-in-charge for following diameters of pipe lines (type design attached.) upto 150 mm on Murum & harder strata		4.00	No	6135.80	24543.20	24543.2000	INR Twenty Four Thousand Five Hundred & Forty Three and Paise Twenty Only

	Item No.18 Providing and constructing in situ following grades of C.C. of trap/gneiss/quartzite/gneiss metal for foundation and bedding including dewatering, form work, compacting and curing, finishing etc. complete. b) 1:2:4 (M-150) grade for encasing	62.48	cum	6824.40	68410.69	426410.6913	INR Four Lakh Twenty Six Thousand Four Hundred & Ten and Paise Sixty Nine Only
76	Item No.19 Providing and constructing B.B. masonry valve chamber with 15 cm thick 1:3:6 proportion PCC bedding, including excavation, B.B. masonry in C.M. 1:5 proportion 12 mm thick cement plaster in cm 1:4 proportion on both sides with providing and fixing C.I. manhole frame and cover in RCC 1:2:4 coping or cm thick slab etc. complete as directed by Engineer-in-charge.	5.00	No	11686.40	58432.00	58432.0000	INR Fifty Eight Thousand Four Hundred & Thirty Two Only
77	Item No.20 Refilling the trenches with available excavated stuff with soft material first over pipeline and then hard material in 15 cm layers with all leads and lifts including consolidation, surcharging, etc. complete	454.87	Cum	92.40	42029.94	42029.9446	INR Forty Two Thousand & Twenty Nine and Paise Ninety Four Only
78	Item No.21 Hydraulic testing of H. D. P. E./ M. D. P. E. pipe line to specified pressure including cost of all materials and labour and water for testing for specified length including cutting, placing end cap making arrangement for filling safe water using reciprocating type pumps which should be able to provide specified test pressure gauges and other necessary equipments, labour, operation charges, etc. required for testing. The rate under this item shall also include cost of retesting, if necessary and reinstating to original position. 100 mm Dia DI Pipe K-9	0.98	km	7921.00	7762.58	7762.5800	INR Seven Thousand Seven Hundred & Sixty Two and Paise Fifty Eight Only
79	Subwork - 6 Distribution System PVC-4kg/cm <sup>2</sup> L-8620 M. Item No.01 Providing and supplying in standard lengths Polyethylene Pipes, conforming to IS 4984 / 14151 / 12786 / 13488 with necessary jointing material like mechanical connector i.e. thread / insert joint / quick release coupler joint / compression fitting joint or flanged joint excluding coupler/specials, including transportation and freight charges, inspection charges, loading / unloading charges, conveyance to the departmental stores & stacking the same in closed shade duly protecting from sunrays & rains, excluding GST levied by GI & GOM in all respect etc. complete. 63 mm Dia PVC Pipe 4 Kg/sqcm	1920.00	Rmt	81.00	155520.00	155520.0000	INR One Lakh Fifty Five Thousand Five Hundred & Twenty Only
80	75 mm Dia PVC Pipe 4 Kg/sqcm	1480.00	Rmt	115.00	170200.00	170200.0000	INR One Lakh Seventy Thousand Two Hundred Only
81	90 mm Dia PVC Pipe 4 Kg/sqcm	2510.00	Rmt	160.00	401600.00	401600.0000	INR Four Lakh One Thousand Six Hundred Only
82	110 mm Dia PVC Pipe 4 Kg/sqcm	2710.00	Rmt	219.00	593490.00	593490.0000	INR Five Lakh Ninety Three Thousand Four Hundred & Ninety Only

Sl. No.	Description of work	Quantity	Unit	Rate	Amount	Cumulative Amount	Total Amount	Remarks
84	Item No.2 Providing double flange sluice valve confirming for IS- 14846 including worn gear arrangements as per test pressure, stainless steel spindle, caps, including inspection charges, transportation upto departmental store, unloading, stacking excluding GST levied by GOI & GOM in all respect etc. complete Sluice Valve 65mm dia	7.00	Nos.	4966.00	34762.00		34762.0000	INR One Lakh Two Thousand Eighty One Only
85	Sluice valves 80 mm Dia	23.00	Nos.	5132.00	118036.00		118036.0000	INR Thirty Four Thousand Seven Hundred & Sixty Two Only
86	Item No.3 Providing double flange sluice valve confirming for IS- 14846 including worn gear arrangements as per test pressure, stainless steel spindle, caps, including inspection charges, transportation upto departmental store, unloading, stacking excluding GST levied by GOI & GOM in all respect etc. complete. Sluice valve 65mm dia For Washout	1.00	Nos	4966.00	4966.00		4966.0000	INR One Lakh Eighteen Thousand & Thirty Six Only
87	Sluice valves 80 mm Dia for Washout	3.00	Nos	5132.00	15396.00		15396.0000	INR Four Thousand Nine Hundred & Sixty Six Only
88	Item No.4 Excavation for foundation / pipe trenches in earth, soils of all types, sand, gravel and soft murum, including removing the excavated material upto a distance of 50 metres and lifts as below, stacking and spreading as directed, normal dewatering, preparing the bed for foundation and excluding backfilling, etc. complete. (Bd-A-1/259) Earth soil	1552.00	Cum.	165.00	256080.00		256080.0000	INR Fifteen Thousand Three Hundred & Ninety Six Only
89	Item No.5 Excavation for foundation / pipe trenches in hard murum and boulders, W.B.M. road including removing the excavated material upto a distance of 50 M beyond the area and lifts as below, stacking and spreading as directed by Engineer-in-charge, normal dewatering, preparing the bed for foundation and excluding backfilling, etc. complete. (BdA-3/259) HMB	1552.00	Cum.	211.20	327783.41		327783.4138	INR Two Lakh Fifty Six Thousand & Eighty Only
90	Item No.6 Excavation for foundation / pipe trenches in soft rock and old cement and lime masonry foundation asphalt road including removing the excavated material upto a distance of 50 M beyond the area and lifts as below, stacking as directed by Engineer-in-charge, normal dewatering, preparing the bed for foundation and excluding backfilling, etc. complete. (Bd-A-4/259) Soft Rock	1552.00	Cum	629.20	976520.92		976520.9168	INR Three Lakh Twenty Seven Thousand Seven Hundred & Eighty Three and Paise Forty One Only
91	Item No.7 Filling in plinth and floors murum bedding in trenches with approved murum from excavated materials from foundation in 15 cm to 20 cm layers including watering and compaction, etc. complete. (Bd-A-10/263)	775.80	Cum	92.40	71683.92		71683.9200	INR Nine Lakh Seventy Six Thousand Five Hundred & Twenty and Paise Ninety Two Only

92	Item No.8 Lowering, Laying and Jointing H. D. P. E./M.D. P. E. pipes in proper position including all specials by compression fitting/electrofusion and butt fusion jointing procedure as per relevant IS Code complete with all materials for jointing procedure like Electrofusion machine, Electric heater/butt fusion welding machine with hydraulic jack, top loading clamp etc. and all labours as directed by engineer in charge as per IS-7634 Part II 63mm Dia PVC 4kg/Sqcm	1920.00	Rmt	22.00	2240.00	42240.0000	INR Forty Two Thousand Two Hundred & Forty Only
93	75 mm Dia PVC Pipe 4 Kg/sqcm	1480.00	Rmt	27.50	40700.00	40700.0000	INR Forty Thousand Seven Hundred Only
94	90 mm Dia PVC Pipe 4 Kg/sqcm	2510.00	Rmt	34.10	85591.00	85591.0000	INR Eighty Five Thousand Five Hundred & Ninety One Only
95	110 mm Dia PVC Pipe 4 Kg/sqcm	2710.00	Rmt	38.50	104335.00	104335.0000	INR One Lakh Four Thousand Three Hundred & Thirty Five Only
96	Item No.9 Lowering, laying and jointing in position following C.I.D/F Reflex valves, Butterfly valves and Sluice valves including cost of all labour jointing material, including nut bolts and giving satisfactory hydraulic testing etc. complete. (Rate for all class of valves.) Sluice Valve 65 mm Dia	7.00	No	1376.10	9632.70	9632.7000	INR Nine Thousand Six Hundred & Thirty Two and Paise Seventy Only
97	Sluice Valve 80 mm Dia	23.00	No	1911.80	43971.40	43971.4000	INR Forty Three Thousand Nine Hundred & Seventy One and Paise Forty Only
98	Item No.10 Lowering, laying and jointing in position following C.I.D/F Reflex valves, Butterfly valves and Sluice valves including cost of all labour jointing material, including nut bolts and giving satisfactory hydraulic testing etc. complete. (Rate for all class of valves.) Sluice valve 65mm Dia For Washout	1.00	Nos	1376.10	1376.10	1376.1000	INR One Thousand Three Hundred & Seventy Six and Paise Ten Only
99	Sluice valves 80 mm Dia for Washout	3.00	Nos	1911.80	5735.40	5735.4000	INR Five Thousand Seven Hundred & Thirty Five and Paise Forty Only
100	Item No.11 Providing and laying in situ Cement Concrete of trap/ granite / quartzite /gneiss metal for RCC work in foundation like raft, grillage, strip foundation and footing of RCC columns and steel stanchions including normal dewatering, form work, compaction, finishing and curing, etc. complete. (By weigh batching and mix design for M250 and M-300 only. Use of L&T, A.C.C., Ambuja, Birla Gold, Manikgad, Rajashree, etc. cement is permitted.) (Excluding M.S. or Tor reinforcement) a) 1:2:4 (M-150) grade for Thrust Blocks b) 1:2:4 (M-150) grade for encasing	115.08	Cum	6824.40	785371.74	785371.7428	INR Seven Lakh Eighty Five Thousand Three Hundred & Seventy One and Paise Seventy Four Only

	valve chamber with 15 cm thick 1:3:6 proportion PCC bedding, excluding excavation, B.B. masonry in CM 1:5 proportion precast RCC frame and cover, etc. complete as directed by Engineer-in-charge.	34.00	No	11686.40	397337.66	397337.6000	INR Three Lakh Ninety Seven Thousand Three Hundred & Thirty Seven and Paise Sixty Only
102	Item No.13 Refilling the trenches with available excavated stuff with soft material first over pipeline and then hard material in 15 cm layers with all leads and lifts including consolidation, surcharging, etc. complete	3765.12	Cum	92.40	347897.09	347897.0880	INR Three Lakh Forty Seven Thousand Eight Hundred & Ninety Seven and Paise Nine Only
103	Item No.14 Hydraulic testing of H. D. P. E./ M. D. P. E. pipe line to specified pressure including cost of all materials and labour and water for testing for specified length including cutting, placing end cap making arrangement for filling safe water using reciprocating type pumps which should be able to provide specified test pressure gauges and other necessary equipments, labour, operation charges, etc. required for testing. The rate under this item shall also include cost of retesting, if necessary and reinstating to original position. 63 MM Dia PVC 4 Kg/cm <sup>2</sup>	1.92	km	2481.00	4763.52	4763.5200	INR Four Thousand Seven Hundred & Sixty Three and Paise Fifty Two Only
104	75 mm Dia PVC Pipe 4 Kg/sqcm	1.48	km	2481.00	3671.88	3671.8800	INR Three Thousand Six Hundred & Seventy One and Paise Eighty
105	90mm Dia PVC Pipe 4 Kg/sqcm	2.51	km	3721.00	9339.71	9339.7100	INR Nine Thousand Three Hundred & Thirty Nine and Paise Seventy
106	110 mm Dia PVC Pipe 4 Kg/sqcm	2.71	km	3721.00	10083.91	10083.9100	INR Ten Thousand & Eighty Three and Paise Ninety One Only
107	Item No.15 Providing and fixing board displaying information, such as 'Name of work, Tender cost, Name of Contractor, Work completion and liability period etc', having rectangular shape of 1.20 m x 0.90 m size made out 18 gauge (1.25 mm) thick mild steel sheet painted with one coat of Zinc chromate stoving primer and two coats of enamel paint on front side and grey stove enamel on back side and border shade paint complete, on M.S. angle of size 35 x35 x3 mm frame with properly cross braced M.S. angles of size 35 mm x 35 mm x 3 mm duly painted including Two M.S. angle iron posts of size 65 mmx 65 mmx 6 mm, 3.65 m long painted with alternate black and white bands of 25 cm width including all fixtures etc. and fixing the boards in 1:4:8 concrete block of size 60 cm x 60 cm x 75 cm including excavation, refilling, transportation, and labour etc complete. Spec. Number As directed by Engineer in Charge MORTH 801	2.00	Nos	11011.00	22022.00	22022.0000	INR Twenty Two Thousand & Twenty Two Only

108	<b>Sub Work -7 Misc Work</b> <b>Item No. 1</b> Providing & stretching transmission line & making Additional electric load connection to Head works, including all charges as per MSEB rule		1.00	Nos	700000.00	700000.00	700000.0000	INR Seven Lakh Only
109	<b>Item No. 2</b> excavation for foundations (Manual Means) of buildings, in ordinary soils and depositing on bank with an initial lead of 10m and depth up to 3m including all operational, incidental, labour charges such as shoring sheeting, planking strutting etc., complete for finished item of work excluding etc. as per SS 20 Bin Ordinary Soils		15.82	Cum	165.00	2610.30	2610.3000	INR Two Thousand Six Hundred & Ten and Paise Thirty Only
110	<b>Item No. 3:-</b> Plain Cement Concrete (1:5:10) Providing and laying in situ Cement Concrete M-15 of trap/ granite / quartzite /gneiss metal for foundation and bedding including bailing out water, form work, compaction, curing, etc. complete.(Cement 5.90 bags / cum) Manual means up to 3 m depth		3.17	Nos	5704.00	18081.68	18081.6800	INR Eighteen Thousand & Eighty One and Paise Sixty Eight Only
111	<b>Item No. 4 :-</b> Providing and laying in situ Cement Concrete of trap/ granite / quartzite / gneiss metal etc complete.-RCC-M20 (For Cattle Houd)		6.36	Cum	8049.80	51196.73	51196.7280	INR Fifty One Thousand One Hundred & Ninety Six and Paise Seventy Three Only
112	<b>Item No. 5 :</b> Providing and fixing in position steel bar reinforcement of various diameters for RCC piles, caps, footing, foundation, slabs, beams, columns, canopies, staircases, newels, chjjas, lintels, pardies, copings, fins, arches, etc. as per detailed designs, drawings and schedules, including cutting, bending, hooking he bars, binding with wires or tack welding and supporting as required, etc. complete.(including cost of binding wire)		0.64	Cum	97206.00	61823.02	61823.0160	INR Sixty One Thousand Eight Hundred & Twenty Three and Paise Two Only
113	<b>Sub Work - 8 Trail Run</b> <b>Item No.01</b> Commissioning, running and maintaining the scheme to quantities, rated capacity, including manning necessary personnel such as operator, valveman, etc. as per requirements of the scheme and who should also administer chemical dose for a period of 1 month for individual scheme and for regional scheme, together with training of personnel spared by MJP / Local Body and handing over the scheme to Local Body after completion of the above period as directed by Engineer-in-charge.		3.00	Month	26244.00	78732.00	78732.0000	INR Seventy Eight Thousand Seven Hundred & Thirty Two Only

114	Sub Work - 9 Providing FHTC Service Item No.01 Providing and making HDPE/PVC pipe consumer service connection on distribution main by drilling holes with suitable means, including all labour. HDPE/PVC pipe of required length with or without road crossing as described below including saddle/clamp saddle of suitable material —as directed by Engineer in charge. With road crossing 15 mm service connection with road crossing (without watermeter)		76.00	No	3426.50	260414.00	260414.0000	INR Two Lakh Sixty Thousand Four Hundred & Fourteen Only
115	Without road crossing 15 mm service connection with road crossing (without watermeter)		19.00	No	2380.40	45227.60	45227.6000	INR Forty Five Thousand Two Hundred & Twenty Seven and
116	Add 18% GST		12850519.9	Total Amount	0.18	2313093.58	2313093.5785	INR Twenty Three Lakh Thirteen Thousand & Ninety Three and Paise Fifty Eight Only
<b>Total in Figures</b>						<b>15163613.46</b>	<b>15163613.4593</b>	INR One Crore Fifty One Lakh Sixty Three Thousand Six Hundred & Thirteen and Paise Forty Six Only
<b>Quoted Rate in Figures</b>						<b>0.0000</b>	<b>0.0000</b>	INR Zero Only
<b>Quoted Rate in Words</b>						<b>INR Zero Only</b>		

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*[Signature]*

*[Signature]*  
EXECUTIVE ENGINEER  
RURAL WATER SUPPLY DIVISION  
ZILLA PARISHAD, NANDURBA