

Validate Print Help

Percentage BoQ

Tender Inviting Authority: EE RWS DIVISION ZP NANDURBAR

Name of Work:- Piped Water Supply Scheme At.Nayamal Tal.Taloda Dist.Nandurbar.

Contract No:

Bidder Name :

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER	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 PROPOSED 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.		629.11	Cum	334.40	210374.38	210374.3840	INR Two Lakh Ten Thousand Three Hundred & Seventy Four and Paise Thirty Eight Only
2	B] Hard strata Lift 8.50 to 12.00 M.		472.43	Cum	777.70	367408.81	367408.8110	INR Three Lakh Sixty Seven Thousand Four Hundred & Eight and Paise Eighty One Only
3	Lift Charges beyond initial lift o to 1.50 m. Lift 1.50 to 3.00 M.		169.65	Cum	29.70	5038.61	5038.6050	INR Five Thousand & Thirty Eight and Paise Sixty One Only
4	Lift 3.00 to 4.50 M.		142.55	Cum	59.40	8467.47	8467.4700	INR Eight Thousand Four Hundred & Sixty Seven and Paise Forty Seven Only
5	Lift 4.50 to 6.00 M.		117.81	Cum	89.10	10496.87	10496.8710	INR Ten Thousand Four Hundred & Ninety Six and Paise Eighty Seven Only
6	Lift 6.00 to 7.50 M.		95.43	Cum	118.80	11337.08	11337.0840	INR Eleven Thousand Three Hundred & Thirty Seven and Paise Eight Only
7	Lift 7.50 to 9.00 M.		75.40	Cum	148.50	11196.90	11196.9000	INR Eleven Thousand One Hundred & Ninety Six and Paise Ninety Only
8	Lift 9.00 to 10.50 M.		75.40	Cum	178.20	13436.28	13436.2800	INR Thirteen Thousand Four Hundred & Thirty Six and Paise Twenty Eight Only
9	Lift 10.50 to 12.00 M.		75.40	Cum	207.90	15675.66	15675.6600	INR Fifteen Thousand Six Hundred & Seventy Five and Paise Sixty Six Only
10	Lift 12.00 to 13.50 M.		75.40	Cum	237.60	17915.04	17915.0400	INR Seventeen Thousand Nine Hundred & Fifteen and Paise Four Only
11	Lift 13.50 to 15.00 M.		75.40	Cum	267.30	20154.42	20154.4200	INR Twenty Thousand One Hundred & Fifty Four and Paise Forty Two 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		1.34	Cum	6824.40	9144.70	9144.6960	INR Nine Thousand One Hundred & Forty Four and Paise Seventy 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		4.01	Cum	10164.00	40757.64	40757.6400	INR Forty Thousand Seven Hundred & Fifty Seven and Paise Sixty Four Only
15	For RCC M-200 grade vertical wall		45.38	Cum	10901.00	494687.38	494687.3800	INR Four Lakh Ninety Four Thousand Six Hundred & Eighty Seven and Paise Thirty Eight 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, chajjas, lintels, pardies, 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)		2.47	MT	106926.60	264108.70	264108.7020	INR Two Lakh Sixty Four Thousand One Hundred & Eight and Paise Seventy 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.		744.86	cum	92.40	68825.06	68825.0640	INR Sixty Eight Thousand Eight Hundred & Twenty Five and Paise Six 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.		10.00	Nos	221.10	2211.00	2211.0000	INR Two Thousand Two Hundred & Eleven 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 anti-corrosive paint, etc complete as directed by Engineer-in-charge.		15.00	No	425.70	6385.50	6385.5000	INR Six Thousand Three Hundred & Eighty Five and Paise Fifty 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 Yeild 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
25	SUBWORK-2 SWITCHROOM ITEM NO-1 Excavation for foundation/pipe trenches in earth soils of all types....		3.77	Cum	165.00	622.05	622.0500	INR Six Hundred & Twenty Two and Paise Five Only
26	Item no-2 Providing dry trap/granite/quartzite/gneiss, rubble stone soling..		2.35	Cum	1520.20	3572.47	3572.4700	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		0.24	Cum	8049.80	1956.11	1956.1094	INR One Thousand Nine Hundred & Fifty Six and Paise Eleven Only
30	B)R.C.C. Column		1.14	Cum	9696.50	11054.01	11054.0100	INR Eleven Thousand & Fifty Four and Paise One Only
31	C)R.C.C. Beam		3.56	Cum	9541.40	33967.39	33967.3935	INR Thirty Three Thousand Nine Hundred & Sixty Seven and Paise Thirty Nine Only
32	D)Chajja		0.16	Cum	10200.30	1632.05	1632.0480	INR One Thousand Six Hundred & Thirty Two and Paise Five Only
33	E)R.C.C. Slab		1.70	Cum	10244.30	17415.31	17415.3100	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	92858.30	92858.3040	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	2736.56	2736.5580	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 10.0 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(CF8M) Impeller) up to 8 stages 10.00 BHP		2.00	Each	53540.82	107081.64	107081.6400	INR One Lakh Seven Thousand & Eighty One and Paise Sixty Four 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 indicater 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
52	Item No.8 – Providing supplying and fixing G.I. pipe of verious dia as suction & delivery pipe including loading, unloading , octri , fixture and fastening material etc. complete		60.00	Mtr	419.00	25140.000	25140.0000	INR Twenty Five Thousand One Hundred & Forty Only
53	Subwork - 4 PROPOSED R.C.C. ESR-37000 L Item No.1 Designing (aesthetically), and constructing RCC elevated service reservoirs of following capacity with RCC staging consisting of columns, internal and external bracings spaced vertically not more than 4.5 metres centre to centre for ESR having capacity upto 500 cum and not more than 6 m c/c for ESRs having capacity above 500 Cum including excavation in all types of strata, foundation concrete, cement plaster with water proofing compound to the inside face of the container including refilling disposing off the surplus stuff within a lead of 50 metres, all labour and material charges including lowering, laying, erecting, hoisting and jointing of pipe assembly of inlet, outlet, washout, overflow and bypass arrangements as per departmental design, providing and fixing accessories such as M.S. ladder, C.I. manhole frame and covers, water level indicators, lightening conductor, G.I. pipe railing around walk way and top slab providing		37000.00	Ltr	34.0981100000000	1261630.07	1261630.070	INR Twelve Lakh Sixty One Thousand Six Hundred & Thirty and Paise Seven Only
54	Item No.2 Providing ISI mark CI. pipe of following class and dia. excluding GST levied by GOI & GOM in all respect, inspection charges, transportation to stores, etc. complete as per IS-1239/2004. Inlet, outlet, Overflow G. I Pipe 125 mm. (Medium)		60.00	Rmt	1205.80	72348.00	72348.0000	INR Seventy Two Thousand Three Hundred & Forty Eight Only
55	Item No.3 Providing and supplying double flange sluice valves confirming for IS 2906/14846 including warn gear arrangement as per test pressure stainless steel spindle caps excluding GST levied by GoI and GoM in all respect , transportation etc complete. Sluice Valve 125 mm Dia (PN -1)		2.00	Nos	9107.00	18214.00	18214.0000	INR Eighteen Thousand Two Hundred & Fourteen Only
56	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 125 mm Dia as per I.S.5312 part I (1984)		2.00	No	8212.20	16424.40	16424.4000	INR Sixteen Thousand Four Hundred & Twenty Four and Paise Forty Only

57	Item No.5 Providing installing testing and commissioning .. water meter confirming for ISO 4064 including all statutory duties and taxes such as GST levied by Gol and GoM in all respect , transportation etc complete. water meter 100 mm Dia AMR bulk meter		1.00	No	35808.00	35808.00	35808.0000	INR Thirty Five Thousand Eight Hundred & Eight Only
58	Item No.6 :- Add Royalty		1.00	Lmsp	20000.00	20000.00	20000.0000	INR Twenty Thousand Only
59	Subwork - 5 Rising Main 90mm-HDPE-12.5 kg L-470 m Item No. 1 :- Providing and supplying in standard lengths Polyethelene Pipes, confirming to IS 4984 /14151 / 12786 / 13488 with nesessary 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. 90 mm Dia HDPE Pipe 12.5 Kg/sqcm		470.00	Rmt	460.00	216200.00	216200.0000	INR Two Lakh Sixteen Thousand Two Hundred Only
60	Item No.2- 5% of cost of pipes shall be considered for cost of PVC/HDPE specials for estimate purpose only.		0.10	%	216200.00	21620.00	21620.0000	INR Twenty One Thousand Six Hundred & Twenty Only
61	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
62	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
63	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
64	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 fright, inspection charges unloading from railway wagons, loading into truck, transportation upto departmental stores/ site, unloading and stacking etc. complete. Air valves 50 mm Dia Kinematic		2.00	Nos.	1909.00	3818.00	3818.0000	INR Three Thousand Eight Hundred & Eighteen Only

65	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		84.60	Nos.	165.00	13959.00	13959.0000	INR Thirteen Thousand Nine Hundred & Fifty Eight and Paise One Hundred Only
66	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)		84.60	cum	211.20	17867.52	17867.5200	INR Seventeen Thousand Eight Hundred & Sixty Seven and Paise Fifty Two Only
67	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		84.60	Cum	629.20	53233.15	53233.1514	INR Fifty Three Thousand Two Hundred & Thirty Three and Paise Fifteen Only
68	Item No.10 - Excavation for foundation / pipe trenches in hard rock by controlled Chizelling,wedging line drilling by mchanical meansor 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		42.30	Cum	1118.70	47322.13	47322.1287	INR Forty Seven Thousand Three Hundred & Twenty Two and Paise Thirteen Only
69	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.		42.30	Cum	92.40	3908.52	3908.5200	INR Three Thousand Nine Hundred & Eight and Paise Fifty Two Only
70	Item No.12 - 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 relevent 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 90 mm Dia HDPE Pipe 12.5 Kg/sqcm		470.00	RMT	73.70	34639.00	34639.0000	INR Thirty Four Thousand Six Hundred & Thirty Nine Only
71	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
72	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 not 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
73	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 not 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

74	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		2.00	No	306.90	613.80	613.8000	INR Six Hundred & Thirteen and Paise Eighty Only
75	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		2.00	No	6135.80	12271.60	12271.6000	INR Twelve Thousand Two Hundred & Seventy One and Paise Sixty Only
76	Item No.18 Providing and laying in situ following grades of C.C. of trap/granite/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		30.21	cum	6824.40	206173.65	206173.6545	INR Two Lakh Six Thousand One Hundred & Seventy Three and Paise Sixty Five Only
77	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
78	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		217.91	Cum	92.40	20134.60	20134.5994	INR Twenty Thousand One Hundred & Thirty Four and Paise Sixty Only
79	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. 90 mm Dia HDPE Pipe 12.5kg/sqcm		0.47	km	7442.00	3497.74	3497.7400	INR Three Thousand Four Hundred & Ninety Seven and Paise Seventy Four Only
80	Subwork - 6 Distribution System HDPE-6kg/cm2 L-3610 M. Item No.01 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. 63 mm Dia HDPE Pipe 6 Kg/sqcm		1200.00	Rmt	124.00	148800.00	148800.0000	INR One Lakh Forty Eight Thousand Eight Hundred Only
81	75 mm Dia HDPE Pipe 6 Kg/sqcm		680.00	Rmt	172.00	116960.00	116960.0000	INR One Lakh Sixteen Thousand Nine Hundred & Sixty Only

82	90 mm Dia HDPE Pipe 6 Kg/sqcm		550.00	Rmt	244.00	134200.00	134200.0000	INR One Lakh Thirty Four Thousand Two Hundred Only
83	110 mm Dia HDPE Pipe 6 Kg/sqcm		1180.00	Rmt	354.00	417720.00	417720.0000	INR Four Lakh Seventeen Thousand Seven Hundred &
84	10% of cost of pipes shall be considered for cost of PVC/HDPE specials for estimate purpose only.		0.10	Percent	817680.00	81768.00	81768.0000	INR Eighty One Thousand Seven Hundred & Sixty Eight Only
85	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		4.00	Nos.	4966.00	19864.00	19864.0000	INR Nineteen Thousand Eight Hundred & Sixty Four Only
86	Sluice valves 80 mm Dia		9.00	Nos.	5132.00	46188.00	46188.0000	INR Forty Six Thousand One Hundred & Eighty Eight Only
87	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 Four Thousand Nine Hundred & Sixty Six Only
88	Sluice valves 80 mm Dia for Washout		1.00	Nos	5132.00	5132.00	5132.0000	INR Five Thousand One Hundred & Thirty Two Only
89	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		650.00	Cum.	165.00	107250.00	107250.0000	INR One Lakh Seven Thousand Two Hundred & Fifty Only
90	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		650.00	Cum.	211.20	137280.00	137280.0000	INR One Lakh Thirty Seven Thousand Two Hundred & Eighty Only
91	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-incharge, normal dewatering, preparing the bed for foundation and excluding backfilling, etc. complete. (Bd-A-4/259) Soft Rock		650.00	Cum	629.20	408980.00	408980.0000	INR Four Lakh Eight Thousand Nine Hundred & Eighty Only
92	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)		324.90	Cum	92.40	30020.76	30020.7600	INR Thirty Thousand & Twenty and Paise Seventy Six Only

93	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 relevent 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 HDPE 6kg/Sqcm		1200.00	Rmt	49.50	59400.00	59400.0000	INR Fifty Nine Thousand Four Hundred Only
94	75 mm Dia HDPE Pipe 6 Kg/sqcm		680.00	Rmt	52.80	35904.00	35904.0000	INR Thirty Five Thousand Nine Hundred & Four Only
95	90 mm Dia HDPE Pipe 6 Kg/sqcm		550.00	Rmt	73.70	40535.00	40535.0000	INR Forty Thousand Five Hundred & Thirty Five Only
96	110 mm Dia HDPE Pipe 6 Kg/sqcm		1180.00	Rmt	77.00	90860.00	90860.0000	INR Ninety Thousand Eight Hundred & Sixty Only
97	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		4.00	No	1376.10	5504.40	5504.4000	INR Five Thousand Five Hundred & Four and Paise Forty Only
98	Sluice Valve 80 mm Dia		9.00	No	1911.80	17206.20	17206.2000	INR Seventeen Thousand Two Hundred & Six and Paise Twenty Only
99	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

100	Sluice valves 80 mm Dia for Washout		1.00	Nos	1911.80	1911.80	1911.8000	INR One Thousand Nine Hundred & Eleven and Paise Eighty Only
101	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		76.36	Cum	6824.40	521108.97	521108.9661	INR Five Lakh Twenty One Thousand One Hundred & Eight and Paise Ninety Seven Only
102	Item No.12 Providing and constructing B.B. masonry 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.		15.00	No	11686.40	175296.00	175296.0000	INR One Lakh Seventy Five Thousand Two Hundred & Ninety Six Only
103	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		1548.75	Cum	92.40	143104.50	143104.5000	INR One Lakh Forty Three Thousand One Hundred & Four and Paise Fifty Only
104	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 HDPE 6 Kg/cm2		1.20	km	4961.00	5953.20	5953.2000	INR Five Thousand Nine Hundred & Fifty Three and Paise Twenty Only
105	75 mm Dia HDPE Pipe 6 Kg/sqcm		0.68	km	4961.00	3373.48	3373.4800	INR Three Thousand Three Hundred & Seventy Three and
106	90mm Dia HDPE Pipe 6 Kg/sqcm		0.55	km	7442.00	4093.10	4093.1000	INR Four Thousand & Ninety Three and Paise Ten Only
107	110 mm Dia HDPE Pipe 6 Kg/sqcm		1.18	km	7442.00	8781.56	8781.5600	INR Eight Thousand Seven Hundred & Eighty One and Paise
108	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 /messages /symbols etc. with approved colour 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 withal ternate 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

109	Sub Work -7 Misc Work Item No. 1 Providing & stretching transmission line & making Additional electric load connection to Head works, including all charges as per MSEB rule		1.00	Nos	1500000.00	1500000.00	1500000.0000	INR Fifteen Lakh Only
110	Item No. 2 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
111	Item No. 3:- 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
112	Item No. 4 :- 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
113	Item No. 5 : 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
114	Sub Work - 8 Trail Run Item No.01 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
115	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)		48.00	No	3426.50	164472.00	164472.0000	INR One Lakh Sixty Four Thousand Four Hundred & Seventy Two Only
116	Without road crossing 15 mm service connection with road crossing (without watermeter)		12.00	No	2380.40	28564.80	28564.8000	INR Twenty Eight Thousand Five Hundred & Sixty Four and Paise
117	Add 18% GST		9371171.7	Total Amount	0.18	1686810.91	1686810.9074	INR Sixteen Lakh Eighty Six Thousand Eight Hundred & Ten and Paise Ninety One
Total in Figures						11057982.62	11057982.6154	INR One Crore Ten Lakh Fifty Seven Thousand Nine Hundred & Eighty Two and Paise Sixty Two Only
Quoted Rate in Figures				Select		0.0000	0.0000	INR Zero Only

Quoted Rate in Words	INR Zero Only
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