

Tender Inviting Authority:

Name of Work:- Piped Water Supply Scheme At.Mokh bk .kela bk-patilpada-karbharpada Tal.Akrani Dist.Nandurbar.

Contract No:

PRICE SCHEDULE						
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	SUB WORK 1-DEEPENING OF EXISTING WELL Item No. 1:-Drilling Of borewell 150 mm dia (in soil & murum strata 200/215 mm dia.) in hard rock 150 mm by D.T.H. machine including transportation of machine at work site.	120.00	Mtrs	422.00	50640.0000	INR Fifty Thousand Six Hundred & Forty Only
2	Item No. 2:- Excavation in general in soft material comprising of soft soil,soft murum, sand, hardmurum with boulders in wet or dry condition for headworks i.e.Intake well connecting pipe jackwell, pumphouse, supply well etc. for lift 0to 1.50 m including barricating guarding disposing off surplus excavated stuff within a radius of 0.50 m For Head works on nalla or any	84.78	CUM	334.40	28350.4320	INR Twenty Eight Thousand Three Hundred & Fifty and Paise Forty Three Only
3	For Head works on nalla or any other site of GSDA for initial Lift of 1.5 to 3M	84.78	CUM	364.10	30868.3980	INR Thirty Thousand Eight Hundred & Sixty Eight and Paise Forty Only
4	Item No 3-Excavation in general in hard material comprising of soft rock, hard rock, Manjara rock, etc. by blasting / controlled blasting, chiselling as required in wet or dry condition for Head Works i.e. Intake Well, Connecting Pipe, Jack Well,	339.12	Cum	777.70	263733.6240	INR Two Lakh Sixty Three Thousand Seven Hundred & Thirty Three and Paise Sixty Two Only
5	Item No.4 :-Add for every additional lift of 1.5 M beyond initial lift of 1.5 M.Lift 3.00 to 4.50 m	28.26	Cum	837.10	23656.4460	INR Twenty Three Thousand Six Hundred & Fifty Six and Paise Forty Five Only
6	Lift 4.50 to 6.00 m	42.39	Cum	866.80	36743.6520	INR Thirty Six Thousand Seven Hundred & Forty Three and Paise Sixty
7	Lift 6.00 to 7.50 m	42.39	Cum	896.50	38002.6350	INR Thirty Eight Thousand & Two and Paise Sixty Four Only
8	Lift 7.50 to 9.00 m	42.39	Cum	926.20	39261.6180	INR Thirty Nine Thousand Two Hundred & Sixty One and Paise
9	Lift 9.00 to 10.50 m	42.39	Cum	955.90	40520.6010	INR Forty Thousand Five Hundred & Twenty and Paise Sixty Only
10	Lift 10.50 to 12.00 m	42.39	Cum	985.60	41779.5840	INR Forty One Thousand Seven Hundred & Seventy Nine
11	Lift 12.00 to 13.50 m	42.39	Cum	1015.30	43038.5670	INR Forty Three Thousand & Thirty Eight and Paise Fifty Seven
12	Lift 13.50 to 15.00 m	42.39	Cum	1045.00	44297.5500	INR Forty Four Thousand Two Hundred & Ninety Seven and
13	Item No.5 :- 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,fuel,labour) etc.complete. MJP D.S.R.2021 - 22 Item no. 14 Page no.45 Basic Rate Add 10% /5%for hilly/tribal /sugarcane area	1000.00	Bhp/Hr	84.70	84700.0000	INR Eighty Four Thousand Seven Hundred Only
14	Item No.6 : Providing and laying in situ following grades of CC of trap/granite/quartzite/gneiss metal of approved quality for RCC work as per detailed design and drawing or as directed by engineer in charge including normal dewatering centring formwork,compacting, finishing the formed surface with c.m.1:3of sufficient minimum thickness to give a smooth and even surface wherever necessary or roughening if special finish is to be.a)For RCC M-200 Grade beams	3.16	CUM	8673.50	27370.9640	INR Twenty Seven Thousand Three Hundred & Seventy and Paise Ninety Six Only
15	b)For RCC M-200 Grade vertical walls	21.03	Cum	9312.60	195801.5125	INR One Lakh Ninety Five Thousand Eight Hundred & One and Paise Fifty One Only
16	c) PCC work of M15 grade	1.05	Cum	6204.00	6525.9876	INR Six Thousand Five Hundred & Twenty Five and Paise Ninety Nine Only

17	Item No.7 Providing and fixing in position steel bar reinforcement of various dia. For RCC piles, caps, footings, foundations, slabs,beams,columns, canopies, staircases newels,intels,chajjas,parties,coping, fins, arches etc. as per detailed design drawing and schedule including cutting,bending,hooking the bars binding with wire or tack welding and supporting as required etc. complete (including cost of binding wire) TOR steel	1.45	Cum	73502.00	106641.7291	INR One Lakh Six Thousand Six Hundred & Forty One and Paise Seventy Three Only
18	Item no-8 Carrying out recuperation / yeild test for ascerting the discharge of constructed well / excavated profile as direrted by Engineer in charge.The test carried out by drawing down water from the well/ profile below normal / subsoil water level upto full depth rise in water level is recorded. The normal water level / subsoil water level in the well / profile as well as strainer / suction level at pump as per design of W.S. scheme shall be recorded prior. to the test including cost of all .MJP D.S.R.2021 - 22 Item no. 17 Page no.231	1.00	DAY	2350.70	2350.7000	INR Two Thousand Three Hundred & Fifty and Paise Seventy Only
19	Item no-9 :-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.MJP D.S.R.2021 - 22 Item no. 05 Page no. 229 Basic Rate Add 10% /5%for hilly/tribal /sugarcane area	25.12	Nos	221.10	5554.0320	INR Five Thousand Five Hundred & Fifty Four and Paise Three Only
20	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 ant-corrosive paint, etc complete as directed by Engineer-in-charge.	20.00	Nos	425.70	8514.0000	INR Eight Thousand Five Hundred & Fourteen Only
21	Item no-11 :-Providing structural steel work in rolled sections like joists, channels, angles, tees, etc. as per detailed designs and drawings including fixing in position without connecting plates, braces, etc. and one coat of anticorrosive paint and over it two coats of oil painting, of approved quality and shade, etc. complete. Size 200X100x5.70 mm	0.38	M.T.	70017.00	26676.4770	INR Twenty Six Thousand Six Hundred & Seventy Six and Paise Forty Eight Only
22	Item no-12 :-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.	141.44	Cum	92.40	13069.1761	INR Thirteen Thousand & Sixty Nine and Paise Eighteen Only
23	Item no-13 -Drilling 150 mm dia. borewell by drilling machine upto required depth including all labour and transporation etc. complete.	120.00	RMT	345.00	41400.0000	INR Forty One Thousand Four Hundred Only
24	Item no-14 -Providing and fixing RSJ section including steel net flooring of following thickness supported on M.S.angles (25 x 25 x 5 mm size) and 12 mm dia bars including welding, cutting and fabricating the plate to the required square or rounding shape, making holes in the plate, including providing and applying 3 coats of anticorrosive paint, etc. complete as directed by Engineer-in-charge.2 RSJ section size 152x 89, 16 kg/m	0.38	MT	70017.00	26886.5280	INR Twenty Six Thousand Eight Hundred & Eighty Six and Paise Fifty Three Only
25	25 x 25 x 5 angle section, 1.8 kg/m	0.13	MT	74618.00	9401.8680	INR Nine Thousand Four Hundred & One
26	12 mm dia HYSD bars, 0.88 kg/m	0.12	MT	73502.00	9055.4464	INR Nine Thousand & Fifty Five and Paise Forty Five Only
27	SUBWORK-2 Pumping Machinery ITEM NO-1 Submercible pumpset 150 mm dia.with Bronze Impeller upto 8 Stages of Category A& B as under .R.A MJP Mchnical Electrical 2021 -22 item no-P.M1-2-10 Page No-2	2.00	No.	36335.94	72671.8800	INR Seventy Two Thousand Six Hundred & Seventy One and Paise Eighty Eight Only
28	Item no-2 G.I.Pipe50 MM Dia. Heavy Duty	40.00	Mtrs	473.00	18920.0000	INR Eighteen Thousand Nine Hundred & Twenty
29	Item no-3 G.I. Bend50 MM Dia.	4.00	No.	178.00	712.0000	INR Seven Hundred & Twelve Only
30	Item no-4 L.T.Panel fabrication 18 swg	4.00	Sqm	1896.00	7584.0000	INR Seven Thousand Five Hundred & Eighty Four Only
31	Item no-5 Iron frame work	40.00	Kg	226.00	9040.0000	INR Nine Thousand & Forty Only

32	Item no-6 Metal clad TPN Switch -32 Amp	2.00	No.	739.00	1478.0000	INR One Thousand Four Hundred & Seventy Eight Only
33	Item no-7 Rotary Change over switch -32 Amp Ventilaters,fabrigation as per Instructed Engineers.	2.00	No.	1402.00	2804.0000	INR Two Thousand Eight Hundred & Four Only
34	Item no-8 Cutoutporcelain base -32 Amp	6.00	No.	195.00	1170.0000	INR One Thousand One Hundred & Seventy Only
35	Item no-9 ELCB 2 pole Upto 100 Amp	2.00	No.	4507.00	9014.0000	INR Nine Thousand &Fourteen Only
36	Item no-10 Pilot Lamp	2.00	Set	319.00	638.0000	INR Six Hundred & Thirty Eight Only
37	Item no-11 Voltmeter 144x144 mm	2.00	No.	1565.00	3130.0000	INR Three Thousand One Hundred & Thirty Only
38	Item no-12 Ammeter 144x144 mm	2.00	No.	1621.00	3242.0000	INR Three Thousand Two Hundred & Forty Two Only
39	Item no-13 Internal wiring	1.00	No.	2140.00	2140.0000	INR Two Thousand One Hundred & Forty Only
40	Item no-14 L.T.Capacitor	10.00	kvar	343.00	3430.0000	INR Three Thousand Four Hundred & Thirty Only
41	Item no-15 DOL Starter	2.00	No.	1858.00	3716.0000	INR Three Thousand Seven Hundred & Sixteen Only
42	Item no-16 Earthing	2.00	No.	1521.00	3042.0000	INR Three Thousand &Forty Two Only
43	Item no-17 P.V.C.Submercible cable 3 core 6 Sqmm	80.00	Mtrs	259.00	20720.0000	INR Twenty Thousand Seven Hundred & Twenty Only
44	Item no-18 Providing and fixing electrical connection to the headwork site to running the pumping machinery and lighting the headwork premises with necessary labour and material charges etc. complete	1.00	Lumpsum	200000.00	200000.0000	INR Two Lakh Only
45	SUBWORK-3 Switch Room ITEM NO-1 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, manual dewatering, preparing the bed for foundation and excluding backfilling, etc. complete.	5.03	Cum	165.00	829.1250	INR Eight Hundred & Twenty Nine and Paise Thirteen Only
46	ITEM NO-2 Excavation for foundation / pipe trenches in hard murum including removing the excavated material upto a distace of 50 M 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.	5.03	Cum	187.00	939.6750	INR Nine Hundred & Thirty Nine and Paise Sixty Eight Only
47	ITEM NO-3 Providing and laying in situ cement concrete M-10 / 1:3:6 of trap / granite / quartzite / gneiss metal for foundation and bedding including bailing-out water manually formwork, compacting, covering newly laid concrete by gunny bag, plastic or tarpaulin, curing etc. complete. (Wooden planks / shuttering will not be allowed)	1.51	Cum	6204.00	9352.5300	INR Nine Thousand Three Hundred & Fifty Two and Paise Fifty Three Only
48	ITEM NO-4 Providing uncoursed rubble masonry of trap/ granite/ quartzite/ gneiss stones in cement mortar 1:6 in foundations and plinth of inner walls/in plinth of external walls including bailing-out water manually, striking joints on unexposed faces and watering complete.	10.64	Cum	5232.70	55698.4286	INR Fifty Five Thousand Six Hundred & Ninety Eight and Paise Forty Three Only
49	ITEM NO-5 Providing and laying in situ, cement concrete M-15 / 1:2:4 of trap / granite / quartzite / gneiss metal for foundation and bedding including bailing-out water manually, formwork, compacting, covering newly laid concrete by gunny bag, plastic or tarpaulin, curing etc. complete. (Wooden planks / shuttering will not be allowed)	0.92	Cum	6633.00	6089.0940	INR Six Thousand &Eighty Nine and Paise Nine Only
50	ITEM NO-6 Filling in plinth and floors murum bedding in trenches with approved murum from excavated materials from foundation 15cm to 20cm layers including watering and compaction complete.	7.57	Cum	124.30	940.8267	INR Nine Hundred & Forty and Paise Eighty Three Only
51	ITEM NO-7 Providing Bricks masonry in cement mortar 1:6 using lind class Clay bricks in superstructure including striking joints, raking out joints, watering and scaffolding complete.	9.87	Cum	8327.00	82174.1668	INR Eighty Two Thousand One Hundred & Seventy Four and Paise Seventeen Only

52	ITEM NO-8 Providing and laying Cast in situ/Ready Mix cement concrete M- 20 of trap / granite /quartzite/ gneiss metal as per detailed designs and drawing or as directed including centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete, (Excluding reinforcement and structural complete, with fully automatic micro processor based PLC with steel),with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch SCADA enabled reversible Drum Type mixer/ For R.C.C. columns Footing	1.61	Cum	8815.40	14158.4139	INR Fourteen Thousand One Hundred & Fifty Eight and Paise Forty One Only
53	For R.C.C. columns	0.58	Cum	8815.40	5073.2627	INR Five Thousand & Seventy Three and Paise Twenty Six Only
54	For R.C.C. Beam & Lintel	1.01	Cum	8673.50	8737.6839	INR Eight Thousand Seven Hundred & Thirty Seven and Paise Sixty Eight Only
55	For R.C.C. Chajja	0.12	Cum	9273.00	1126.6695	INR One Thousand One Hundred & Twenty Six and Paise Sixty Seven Only
56	ITEM NO-9 Providing and laying Cast in situ/Ready Mix cement concrete M- 20 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and 20 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete, (Excluding reinforcement and structural steel),with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With natural sand/V.S.I.quality Artificial Sand	1.80	Cum	9312.60	16722.6358	INR Sixteen Thousand Seven Hundred & Twenty Two and Paise Sixty Four Only
57	ITEM NO-10 Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete.	44.29	Sqm	658.90	29180.3090	INR Twenty Nine Thousand One Hundred & Eighty and Paise Thirty One Only
58	ITEM NO-11 Providing internal cement plaster 20mm. thick in two coats in cement mortar 1:3 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing complete.	41.40	Sqm	413.60	17123.0400	INR Seventeen Thousand One Hundred & Twenty Three and Paise Four Only
59	ITEM NO-12 Providing and fixing solid core flush door shutter commercial in single leaf 30 mm thick without ventilator commercial type of exterior grade as per detailed drawings with wrought iron hold fast, stainless steel Hinges and chromium plated fixtures and fastenings and handles on both sides and finishing with oil painting 3 coats complete.	1.89	Sqm	2917.20	5513.5080	INR Five Thousand Five Hundred & Thirteen and Paise Fifty One Only
60	ITEM NO-13 Providing and fixing steel window of various sizes as per detailed drawing without hot dip zinc coating, without ventilators, including fabricating / glazing with plain /obscured glass panels of approved type and quality, iron oxidised fixtures and fastenings, finishing with oil painting two coats complete (with guard bars 12 mm square at 10 cm c/c.)	1.08	Sqm	4668.40	5041.8720	INR Five Thousand & Forty One and Paise Eighty Seven Only
61	ITEM NO-14 Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels, pards, 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 complete.	0.36	Sqm	80852.00	28920.7604	INR Twenty Eight Thousand Nine Hundred & Twenty and Paise Seventy Six Only

62	ITEM NO-15 Providing and laying 25mm to 30mm thick rough Shahabad Stone Flooring 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	Sqm	763.40	6870.6000	INR Six Thousand Eight Hundred & Seventy and Paise Sixty Only
63	ITEM NO-16 Providing and applying white-wash in two coats on old/ new plastered or masonry surfaces and asbestos cement sheets including scaffolding and preparing the surface by brushing & brooming down complete.	9.00	Sqm	12.10	108.9000	INR One Hundred & Eight and Paise Ninety Only
64	ITEM NO-17 Providing & applying washable oil-bound distemper of approved colour and shade to old & new surfaces in two coats including scaffolding, preparing the surfaces. (excluding the primer coat.) complete.	32.40	Sqm	47.30	1532.5200	INR One Thousand Five Hundred & Thirty Two and Paise Fifty Two Only
65	ITEM NO-18 Providing and applying two coats of water proof cement paint of approved manufacture and of approved colour to the plastered surfaces including scaffolding if necessary, excluding primer coat cleaning and preparing the surface, watering for two days compl	40.00	Sqm	80.30	3211.6788	INR Three Thousand Two Hundred & Eleven and Paise Sixty Eight Only
66	ITEM NO-19 Electrification Charges for Switch Room	1.00	Lumpsum	25000.00	25000.0000	INR Twenty Five Thousand Only
67	SUBWORK-4 RISING MAIN ITEM NO-1 Excavation for foundation/pipe trenches in earth, soil of all types, sand, gravel and soft murum including removing the excavated material with all lead and lifts, stacking and spreading as directed, normal dewatering, preparing the bed for foundation and excluding back filling etc. complete. (Bd-A/1/259)	532.00	cum	165.00	87780.0000	INR Eighty Seven Thousand Seven Hundred & Eighty Only
68	ITEM NO-2 Excavation for foundation/pipe trenches in hard murum including removing the excavated material with all lead and lifts, stacking and spreading as directed, normal dewatering, preparing the bed for foundation and excluding back filling etc. complete.	166.25	cum	187.00	31088.7500	INR Thirty One Thousand & Eighty Eight and Paise Seventy Five Only
69	ITEM NO-3 Excavation for foundation/pipe trenches in soft rock and old cement and lime masonry foundation, asphalt road including removing the excavated material with all lead and lifts, stacking and spreading as directed by engineer in charge, normal dewatering, preparing the bed for foundation and excluding back filling etc. complete.	66.50	Cum	629.20	41841.8000	INR Forty One Thousand Eight Hundred & Forty One and Paise Eighty Only
70	ITEM NO-4 Filling in plinth and floors murum bedding in trenches with approved murum from excavated materials from foundation 15cm to 20cm layers including watering and compaction complete.	99.75	Cum	92.40	9216.9000	INR Nine Thousand Two Hundred & Sixteen and Paise Ninety Only
71	ITEM NO-5 Providing and supplying in standard lengths Polyethelene Pipes, confirming to IS 4984 /14151 / 12786 /13488 (Latest version) 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. H.D.P.E. PIPE (PE-100)	950.00	Mtrs	296.00	281200.0000	INR Two Lakh Eighty One Thousand Two Hundred Only
72	ITEM NO-6 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 H.D.P.E. PIPE (PE-100)	950.00	Mtrs	73.70	70015.0000	INR Seventy Thousand & Fifteen Only
73	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.	296.71	cum	92.40	27415.9509	INR Twenty Seven Thousand Four Hundred & Fifteen and Paise Ninety Five Only

74	ITEM NO-8 Providing ISI mark GI pipe of following class and dia including all statutory duties & taxes such as GST levied by GOI & GOM in all respect, inspection charges, transportation to stores, etc. complete as per IS-1239/2004.	15.00	Mtrs	785.00	11775.0000	INR Eleven Thousand Seven Hundred & Seventy Five Only
75	ITEM NO-9 Lowering, laying and jointing G. I. pipes and specials of following class and diameter including conveyance from stores to site of works, all labour etc. complete either underground or in vertical position, as directed by Engineer-in-charge.	15.00	Mtrs	141.90	2128.5000	INR Two Thousand One Hundred & Twenty Eight and Paise Fifty Only
76	ITEM NO-10 Providing and supplying Air valve as per IS 14845-2000 and MJP Std Specification of approved make and quality of following dia including all statutory duties and taxes such as GST levied by GoI and GoM in all respect, rly freight inspection charges unloading from rly wagon loading in to truck, transportatin upto Dept store/ site unloading and stacking etc complete a) Air Valve single Ball Flanged Type - PN -1.6 25 mm dia	2.00	No	1054.00	2108.0000	INR Two Thousand One Hundred & Eight Only
77	ITEM NO-11 Providing and supplying double flange sluice valves confirming for IS 2906/14846 including warn gear arrangement as per test pressure stainless steel spindle caps including all statutory duties and taxes such as GST levied by GoI and GoM in all respect, transportation etc complete.a) sluice valve PN-1 80MM DIA	2.00	No	5132.00	10264.0000	INR Ten Thousand Two Hundred & Sixty Four Only
78	ITEM NO-12 Providing and supplying ISI mark CI D/F reflux valves (non-return valves) of following dia including all statutory duties and taxes such as GST levied by GoI and GoM in all respect, railway freight, inspection charges unloading from railway wagon, loading into truck, transportation upto departmental stroes/site, unloading, stacking etc. complete. Reflux valves as per I.S.5312 Part I (1984) b) Non Return valve PN-1 80MM DIA	2.00	No	4092.00	8184.0000	INR Eight Thousand One Hundred & Eighty Four Only
79	ITEM NO-13 Lowering laying and jointing in position following class and dia. C.I. Reflux valves, butterfly valves and sluice valve including cost of all labour jointing material including nutbolt and giving satisfactory hydraulic testing etc. complete.a) sluice valve PN-1 80MM DIA	2.00	No	1911.80	3823.6000	INR Three Thousand Eight Hundred & Twenty Three and Paise Sixty Only
80	b) Non Return valve PN-1 80MM DIA	2.00	No	1911.80	3823.6000	INR Three Thousand Eight Hundred & Twenty Three and Paise Sixty Only
81	ITEM NO-14 Providing & constructing B.B.Masonry valve chamber with 15 cm thick 1:3:6 proportion PCC bedding excluding excavation, BB Masonry in CM 1:5 proportion precast RCC Frame and cover etc. complete as directed by engineer in charge(Note wall thickness 0.23 mtrs for depth of 1.20 m and 0.35 for balance depth exceeding 1.2m (a) As above of 0.90mx0.60m internal size and depth upto 1.20 M with precast RCC frame and cover.	4.00	No	11686.40	46745.6000	INR Forty Six Thousand Seven Hundred & Forty Five and Paise Sixty Only
82	ITEM NO-15 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.	4.20	cum	6204.00	26056.8000	INR Twenty Six Thousand & Fifty Six and Paise Eighty Only
83	ITEM NO-16 Providing and supplying ISI standard MS specials of required thickness with 3 coats of approved make epoxy paint (Shalimar, Ciba or Mahindra & Mahindra make) from inside and outside including all taxes (Central and local), octroi, inspection charges, transportation to stores / site, and stacking, etc. complete. Double flanged specials of all diameters	18.00	kg	101.20	1821.6000	INR One Thousand Eight Hundred & Twenty One and Paise Sixty Only
84	ITEM NO-17 Providing ISI mark GI. pipe of following class and dia. including all statutory duties & taxes such as GST levied by GOI & GOM in all respect, inspection charges, transportation to stores, etc. complete as per IS- 1239/2004.	16.00	Mtrs	785.00	12560.0000	INR Twelve Thousand Five Hundred & Sixty Only
85	ITEM NO-18 Lowering, laying and jointing G. I. pipes and specials of following class and diameter including conveyance from stores to site of works, all labour etc. complete either underground or in vertical position, as directed by Engineer-in-charge.	16.00	KG	141.90	2270.4000	INR Two Thousand Two Hundred & Seventy and Paise Forty Only

86	<p>ITEM NO-19 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..</p>	0.95	km	8186.20	7776.8900	INR Seven Thousand Seven Hundred & Seventy Six and Paise Eighty Nine Only
87	<p>ITEM NO-20 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 tee, etc. complete as per type design and as directed by Engineer-in-charge for following diameters of pipe lines (type design attached.)</p>	2.00	Nos	7188.50	14377.0000	INR Fourteen Thousand Three Hundred & Seventy Seven Only
88	<p>SUBWORK-5 ESR ITEM NO-1 Designing and constructing R.C.C Elevated service reservoir of following capacity with RCC staging consisting of columns, internal and external bracings, spaced vertically not more than 4.5 m c/c including excavation in all types of strata foundation concrete cement concrete with waterproofing compound to the inside face of the container including refilling disposing of the surplus stuff within a lead of 50 m all labour and material charges including lowering, laying, erecting, oisting and jointing of pipe assembly of inlet, outlet, washout, overflow and bypass arrangement as per departmental design providing and fixing accessories such as M.S.ladder, C.I.manhole frame and cover water level indicators, Lightening conductors G.I pipe railing around walkway and top slab, providing spiral staircase from ground level to roof level, B.B.masonry chambers for all staging ht 9.</p>	14000.00	LITRE	50.67	709344.5800	INR Seven Lakh Nine Thousand Three Hundred & Forty Four and Paise Fifty Eight Only

89	ITEM NO-2 Providing ISI mark CI K-7 pipe of following class and dia. including all statutory duties & taxes such as GST levied by GOI & GOM in all respect, inspection charges, transportation to stores, etc. complete as per IS-1239/2004.INLET PIPE-100 MM DIA., Class B	15.00	Mtrs	1206.00	18090.0000	INR Eighteen Thousand & Ninety Only
90	Outlet and overflow Pipe-150 MM DIA, Class B	60.00	Mtrs	1950.00	117000.0000	INR One Lakh Seventeen Thousand Only
91	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 including all statutory duties and taxes such as GST levied by Gol and GoM in all respect , transportation etc complete.Sluice valve 100 mm Dia.(PN-1)	1.00	NO	6835.00	6835.0000	INR Six Thousand Eight Hundred & Thirty Five Only
92	Sluice valve 150 mm Dia.(PN-1)	4.00	NO	10795.00	43180.0000	INR Forty Three Thousand One Hundred & Eighty Only
93	ITEM NO-4 Rememberable mechanism type bulk Water meter as per ISO 4064 Providing installing and giving satisfactory field testing of bulk quarter meter horizontal inferential multigent type with magnetic drive and dry dial suitable for ambient 50 degree cell system against tampering complete with flying just add both ends and confirming to class B as per ISO force4064 along with manufacturers test certificate and guarantee certificate including cost of all materials and labor etc with OIML MID certification for abroad meter and FCR for India including 36 months guarantee etc complete 100 MM Dia.	1.00	NO	17397.00	17397.0000	INR Seventeen Thousand Three Hundred & Ninety Seven Only
94	ITEM NO-5 Royalty Charges	1.00	Lumpsum	20000.00	20000.0000	INR Twenty Thousand Only
95	SUBWORK-6 Distribution system ITEM NO-1 Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials up to a lead of 1000 metres, stacking serviceable and unserviceable materials separately etc.	10.80	cum	1280.40	13828.3200	INR Thirteen Thousand Eight Hundred & Twenty Eight and Paise Thirty Two Only
96	ITEM NO-2 Excavation for foundation/pipe trenches in earth,soil of all types,sand,gravel and soft murum including removing the excavated material with all lead and lifts, stacking and spreading as directed, normal dewatering,preparing the bed for foundation and excluding back filling etc. complete.	3365.60	cum	165.00	555324.0000	INR Five Lakh Fifty Five Thousand Three Hundred & Twenty Three and Paise One Hundred Only
97	ITEM NO-3 Excavation for foundation/pipe trenches in hard murum including removing the excavated material with all lead and lifts, stacking and spreading as directed, normal dewatering,preparing the bed for foundation and excluding back filling etc. complete.	1051.75	cum	187.00	196677.2500	INR One Lakh Ninety Six Thousand Six Hundred & Seventy Seven and Paise Twenty Five Only
98	ITEM NO-4 Excavation for foundation/pipe trenches in soft rock and old cement and lime masonry foundation, asphalt road including removing the excavated material with all lead and lifts, stacking and spreading as directed by engineer in charge, normal dewatering,preparing the bed for foundation and excluding back filling etc. complete.	420.70	cum	629.20	264704.4400	INR Two Lakh Sixty Four Thousand Seven Hundred & Four and Paise Forty Four Only

99	ITEM NO-5 Filling in plinth and floors murum bedding in trenches with approved murum from excavated materials from foundation 15cm to 20cm layers including watering and compaction complete.	631.05	cum	92.40	58309.0200	INR Fifty Eight Thousand Three Hundred & Nine and Paise Two Only
100	ITEM NO-6 Providing and supplying in standard lengths ISI mark rigid unplasticised HDPE pipes suitable for potable water with solvent cement joints including cost of couplers, as per IS specification no. 4985 / 1988 including all statutory duties and taxes such as GST levied by Gol and GoM in all respect, transportation, freight charges, inspection charges, loading, unloading, conveyance to the departmental stores / site and stacking the same in closed shed duly protected from sun rays and rains including cost of jointing material i.e. solvent cement, etc. complete (seffit type to be jointed with cement solvent).63 mm dia 6 kg/cm2	4297.00	Mtrs	103.00	442591.0000	INR Four Lakh Forty Two Thousand Five Hundred & Ninety One Only
102	75 mm dia 6 kg/cm2	1370.00	Mtrs	143.00	195910.0000	INR One Lakh Ninety Five Thousand Nine Hundred & Ten Only
103	90 mm dia 6 kg/cm2	343.00	Mtrs	203.00	69629.0000	INR Sixty Nine Thousand Six Hundred &
104	ITEM NO-7 Lowering, laying and jointing with HDPE pipes and specials of following class and diameter including cost of conveyance from stores to site of works including cost of all labour, material, except cement solvent, rubber ring, etc. complete (with cement solvent joint / ring fit joint).63 mm dia 6 kg/cm2	4297.00	mtrs	49.50	212701.5000	INR Two Lakh Twelve Thousand Seven Hundred & One and Paise Fifty Only
105	75 mm dia 6 kg/cm2	1370.00	mtrs	52.80	72336.0000	INR Seventy Two Thousand Three Hundred & Thirty Six Only
106	90 mm dia 6 kg/cm2	343.00	mtrs	73.70	25279.1000	INR Twenty Five Thousand Two Hundred & Seventy Nine and
107	ITEM NO-8 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.	3545.01	CUM	92.40	327558.6402	INR Three Lakh Twenty Seven Thousand Five Hundred & Fifty Eight and Paise Sixty Four Only
108	ITEM NO-11 Providing and supplying double flange sluice valves confirming for IS 2906/14846 including warn gear arrangement as per test pressure stainless steel spindle caps including all statutory duties and taxes such as GST levied by Gol and GoM in all respect ,transportation etc complete.a) sluice valve PN-1 65 mm dia	13.00	Nos	4966.00	64558.0000	INR Sixty Four Thousand Five Hundred & Fifty Eight Only
109	b) sluice valve PN-1 80 mm dia	13.00	Nos	5132.00	66716.0000	INR Sixty Six Thousand Seven Hundred & Sixteen Only
110	ITEM NO-12 Lowering laying and jointing in position following class and dia. C.I. Reflux valves, butterfly valves and sluice valve including cost of all labour jointing material including nutbolt and giving satisfactory hydraulic testing etc. complete.a) sluice valve PN-1 65 mm dia	13.00	Nos	1376.10	17889.3000	INR Seventeen Thousand Eight Hundred & Eighty Nine and Paise Thirty Only
111	b) sluice valve PN-1 80 mm dia	13.00	Nos	1911.80	24853.4000	INR Twenty Four Thousand Eight Hundred & Fifty Three and Paise
112	ITEM NO-13 Providing & constructing B.B.Masonry valve chamber with 15 cm thick 1:3:6 proportion PCC bedding excluding excavation, BB Masonry in CM 1:5 proportion precast RCC Frame and cover etc. complete as directed by engineer in charge(Note wall thickness 0.23 mtrs for depth of 1.20 m and 0.35 for balance depth exceeding 1.2m (a) As above of 0.90mx0.60m internal size and depth upto 1.20 M with precast RCC frame and cover.	26.00	KG	11686.40	303846.4000	INR Three Lakh Three Thousand Eight Hundred & Forty Six and Paise Forty Only
113	ITEM NO-14 Providing and fixing C.I. road box including loading, unloading and carting to site of work including all necessary excavation in all types of strata and fixing in murum packing, etc. complete.225 mm x 300 mm (40 kg)	1.00	Mtrs	3043.00	3043.0000	INR Three Thousand & Forty Three Only
114	ITEM NO-15 Providing and supplying ISI standard MS specials of required thickness with 3 coats of approved make epoxy paint (Shalimar, Ciba or Mahindra & Mahindra make) from inside and outside including all taxes (Central and local), octroi, inspection charges, transportation to stores / site, and stacking, etc. complete. Double flanged specials of all diameters	4.50	KG	92.00	414.0000	INR Four Hundred & Fourteen Only
115	ITEM NO-16 Providing ISI mark GI. pipe of following class and dia. including all statutory duties & taxes such as GST levied by GOI & GOM in all respect, inspection charges, transportation to stores, etc. complete as per IS- 1239/2004.100 mm DIA. (12.40 kg./m) Medium Duty	72.00	KG	785.00	56520.0000	INR Fifty Six Thousand Five Hundred & Twenty Only

116	ITEM NO-17 Lowering, laying and joining G. I. pipes and specials of following class and diameter including conveyance from stores to site of works, all labour etc. complete either underground or in vertical position, as directed by Engineer-in-charge.100 mm DIA. (12.40 kg/m) Medium Duty	72.00	KG	141.90	10216.8000	INR Ten Thousand Two Hundred & Sixteen and Paise Eighty Only
117	ITEM NO-18 Hydraulic testing of HDPE 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 6 kg/cm2	4.30	KG	5457.10	23449.1587	INR Twenty Three Thousand Four Hundred & Forty Nine and Paise Sixteen Only
118	75 mm dia 6 kg/cm2	1.37	KG	5457.10	7476.2270	INR Seven Thousand Four Hundred & Seventy Six and Paise Twenty
119	90 mm dia 6 kg/cm2	0.34	KG	8186.20	2807.8666	INR Two Thousand Eight Hundred & Seven and Paise Eighty Seven
120	ITEM NO-19 Providing and laying in-situ M20 Grade unreinforced plain cement concrete pavement over a prepared sub base with 43 grade cement , coarse and fine aggregate(natural sand/ VSI grade finely washed crushed sand) conforming to IS 383, using fine and coarse aggregates combined gradation as per Table 600-3 of MORTH Specification 2013, mixed in a batching and mixing plant/ non tilting mixer and Weigh batcher as per approved mix design, admixtures, transporting to site, spreading, laying with approved make paver, compacted and finished in a continuous operation, finishing to lines and grades as directed by Engineer-in-charge and curing by curing compound /by providing cement vata in cement Mortar 1:8 @0.6m X 0.6m centre to centre, admeasuring 80 mm at bottom and 40 mm at top with depth of 75mm and maintaining the same throughout curing period by any other method approved by Engineer-in-charge.	10.80	CUM	7318.30	79037.6400	INR Seventy Nine Thousand & Thirty Four Only
121	SUBWORK-7 Trial and run ITEM NO-1 Commissioning running and maintaining the scheme to quantites, 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 3 months 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. Note. : Required chemicals to be supplied by Department free of cost and electricity bill will also be paid by the Department. For Single Village Scheme 3 Months	3.00	month	28868.40	86605.2000	INR Eighty Six Thousand Six Hundred & Five and Paise Twenty Only
122	SUBWORK-8 Cattle Trough ITEM NO-1 Earth work 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 B in Ordinary Soils-Manual means up to 3 m depth Cattle Trough Foundation	4.74	CUM	165.00	782.7188	INR Seven Hundred & Eighty Two and Paise Seventy Two Only
123	ITEM NO-2 Plain Cement Concrete (1:5:10) (cement: fine aggregate: Coarse aggregate) for foundations and under flooring bed using coarse aggregate 40mm size hard, machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. to site. including all charges for machine mixing, laying concrete in foundations and under flooring bed, ramming in 15 cm layers finishing top surface to the required level curing etc. complete for finished item of work- MJP SSR 21-22, Pg No. 49	2.37	CUM	5185.00	12298.8200	INR Twelve Thousand Two Hundred & Ninety Eight and Paise Eighty Two Only
124	ITEM NO-3 Providing and laying in situ following grades of CC of trap/granite/quartzite/gneiss metal. of approved quality for RCC work as per detailed design and drawing or as directed by engineer in charge including normal dewatering centring formwork, compacting, finishing the formed surface with c.m.1:3 of sufficient minimum thickness to give a smooth and even surface wherever necessary or roughening if special finish is to be provided and curing etc. complete.	1.34	CUM	9312.00	12487.3920	INR Twelve Thousand Four Hundred & Eighty Seven and Paise Thirty Nine Only

125	For Cattle trough Steel reinforcement	0.08	CUM	73502.00	5913.9709	INR Five Thousand Nine Hundred & Thirteen and Paise Ninety Seven Only
126	ITEM NO-4 Plain Cement Concrete (1:2:4) nominal mix using 20mm size graded machine crushed hard granite metal from approved quarry including cost and conveyance of all materials like cement, fine aggregate(sand), coarse aggregate, water etc. to site, and including all charges for mixing, laying concrete in position, curing etc., & lift charges for Bed Blocks & Hold Fasts for finished item of work.	0.75	CUM	5185.00	3888.7500	INR Three Thousand Eight Hundred & Eighty Eight and Paise Seventy Five Only
127	ITEM NO-5 Plastering 20mm thick in two coats using screened sand with base coat of 16mm thick in CM(1:8) and top coat of 4mm thick in CM(1:4) with dubara sponge finishing including cost and conveyance of all materials, like cement, sand, water etc., to site, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding, lift charges, curing, including cutting grooves complete for finished item of work	12.85	SQM	258.00	3315.8160	INR Three Thousand Three Hundred & Fifteen and Paise Eighty Two Only
128	ITEM NO-6 Plastering 12mm thick single coat in CM (1:5) using screened sand including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes on all materials, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, curing etc complete for finished item of work.	8.40	SQM	99.00	831.6000	INR Eight Hundred & Thirty One and Paise Sixty Only
129	SUBWORK-9FHTC Providing and laying in trenches 15 mm dia. MDPE/UPVC Pipe service connections for distribution network of any pipe including cost of pipe, necessary excavation, fittings, refilling trenches etc. complete, ' including removing existing pipeline if necessary and conveying and stacking the same in Grampanchayat or as directed etc. complete. 15 mm Dia. Service connections.a)No. Of Connections with Road Crossing	41.50	Nos	3115.00	129272.5000	INR One Lakh Twenty Nine Thousand Two Hundred & Seventy Two and Paise Fifty Only
130	b)No. Of Connections without Road Crossing	41.50	Nos	2164.00	89806.0000	INR Eighty Nine Thousand Eight Hundred & Six Only
131	SUBWORK-10 Miscellaneous ITEM NO-1 Providing and erecting 1.5 metre high wire fencing with seven rows of barbed wire supported on M.S Angles (50mm x 50mm x 6mm) at 2.5 Metres, Center to center including excavating pits for foundation, fixing post in cement concrete 1:4:8 of size 45 x 45 x 45 cm fastening the wire and painting the M.S.Angles with one coat of red lead primer and two coats of painting etc.complete.	80.00	RMT	613.00	49040.0000	INR Forty Nine Thousand & Forty Only
132	ITEM NO-2 Providing and fixing M.S. gate 2.5 M wide for compound with 40 mm dia G.I. pipe, approved grill work, RCC M-150 side pillars of 25 cm x 40 cm x 2.5 M height, its foundation,	1.00	NO	35048.20	35048.2000	INR Thirty Five Thousand & Forty Eight and Paise Twenty Only
133	ITEM NO-3 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 1.20m x 0.90m size made out 18 gauge (1.25mm) 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 x 35 x 3 mm frame with properly cross braced M.S. angles of size 35mmx35mmx3mm duly painted including Two M.S. angle iron posts of size 65 mm x 65 mm x 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. No. As directed by Engineer in Charge	1.00	NO	10212.40	10212.4000	INR Ten Thousand Two Hundred & Twelve and Paise Forty Only
134	TOTAL NET AMOUNT	1.00	NO	1.00	7101939	2312
135	Add 12% GST	1.00	AMOUNT		0	Zero Only
136	TOTAL GROSS AMOUNT		TOAL		7101939	INR Seventy One Lakh One Thousand Nine Hundred & Thirty Eight
137			Excess (+)		0.0000	INR Zero Only
138						INR Zero Only