

Gujarat Green Revolution Company Ltd.

Fertilizer Nagar, Vadodara-391750

Revised Unit Cost (Jantri) per hac. for Drip Irrigation System with & without inclusion of water sump cost w.e.f. 28-12-2023 (in Rs.)

Lateral Size	Particular		Crop Spacing / Lateral Spacing (Mtr.)													
			12 x 12	10 x 10	9 X 9	8 X 8	6 X 6	5 X 5	4 X 4	3 X 3	2.5 x 0.6	2 X 0.6	1.8 x 0.6	1.5 X 0.6	1.2 X 0.6	1 X 0.6
12 mm	Sump size-40m3	Total MIS Cost	42267	43750	44693	50369	54677	57156	57749	64670	78621	87262	92355	101805	117510	135882
	Sump size-25m3	Total MIS Cost	36742	38225	39168	44844	49152	51631	52224	59145	73096	81737	86830	96280	111985	130357
	Sump size-20m3	Total MIS Cost	34617	36100	37043	42719	47027	49506	50099	57020	70971	79612	84705	94155	109860	128232
	Sump size-13m3	Total MIS Cost	31342	32825	33768	39444	43752	46231	46824	53745	67696	76337	81430	90880	106585	124957
	Total MIS Cost Excluding Sump Cost		20267	21750	22693	28369	32677	35156	35749	42670	56621	65262	70355	79805	95510	113882
16 mm	Sump size-40m3	Total MIS Cost	44641	46599	47867	53930	59425	62869	64871	74167	87928	98895	105446	117356	136909	159180
	Sump size-25m3	Total MIS Cost	39116	41074	42342	48405	53900	57344	59346	68642	82403	93370	99921	111831	131384	153655
	Sump size-20m3	Total MIS Cost	36991	38949	40217	46280	51775	55219	57221	66517	80278	91245	97796	109706	129259	151530
	Sump size-13m3	Total MIS Cost	33716	35674	36942	43005	48500	51944	53946	63242	77003	87970	94521	106431	125984	148255
	Total MIS Cost Excluding Sump Cost		22641	24599	25867	31930	37425	40869	42871	52167	65928	76895	83446	95356	114909	137180

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Revised Unit Cost (Jantri) per hac.for Mini (Impact) sprinkler Irrigation System with & without inclusion of water sump cost w.e.f. 28-12-2023 (in Rs.)

Lateral Size	Particular		Crop Spacing / Lateral Spacing (Mtr.)				
			11 x 11	10 x 10	9 X 9	8 X 8	7.5 X 7.5
25 mm	Sump size-40m3	Total MIS Cost	79746	84928	93229	98465	107301
	Sump size-25m3	Total MIS Cost	74221	79403	87704	92940	101776
	Sump size-20m3	Total MIS Cost	72096	77278	85579	90815	99651
	Sump size-13m3	Total MIS Cost	68821	74003	82304	87540	96376
	Total MIS Cost Excluding Sump Cost		57746	62928	71229	76465	85301
32 mm	Sump size-40m3	Total MIS Cost	89496	95644	105132	111855	121582
	Sump size-25m3	Total MIS Cost	83971	90119	99607	106330	116057
	Sump size-20m3	Total MIS Cost	81846	87994	97482	104205	113932
	Sump size-13m3	Total MIS Cost	78571	84719	94207	100930	110657
	Total MIS Cost Excluding Sump Cost		67496	73644	83132	89855	99582

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Revised Unit Cost (Jantri) per hac.for Porous pipe based Irrigation System with & without inclusion of water sump cost w.e.f. 28-12-2023 (in Rs.)

Lateral Size	Particular		Crop Spacing / Lateral Spacing (Mtr.)													
			12 x 12	10 x 10	9 X 9	8 X 8	6 X 6	5 X 5	4 X 4	3 X 3	2.5 x 0.6	2 X 0.6	1.8 x 0.6	1.5 X 0.6	1.2 X 0.6	1 X 0.6
9 mm	Sump size-40m3	Total MIS Cost	58688	61366	63303	65672	72861	78822	80869	102098	91668	103306	109714	122799	142222	161758
	Sump size-25m3	Total MIS Cost	53163	55841	57778	60147	67336	73297	75344	96573	86143	97781	104189	117274	136697	156233
	Sump size-20m3	Total MIS Cost	51038	53716	55653	58022	65211	71172	73219	94448	84018	95656	102064	115149	134572	154108
	Sump size-13m3	Total MIS Cost	47763	50441	52378	54747	61936	67897	69944	91173	80743	92381	98789	111874	131297	150833
	Total MIS Cost Excluding Sump Cost		36688	39366	41303	43672	50861	56822	58869	80098	69668	81306	87714	100799	120222	139758
12 mm	Sump size-40m3	Total MIS Cost	60825	63914	66151	68856	77107	83938	85612	110236	100968	114932	122630	138301	161597	185009
	Sump size-25m3	Total MIS Cost	55300	58389	60626	63331	71582	78413	80087	104711	95443	109407	117105	132776	156072	179484
	Sump size-20m3	Total MIS Cost	53175	56264	58501	61206	69457	76288	77962	102586	93318	107282	114980	130651	153947	177359
	Sump size-13m3	Total MIS Cost	49900	52989	55226	57931	66182	73013	74687	99311	90043	104007	111705	127376	150672	174084
	Total MIS Cost Excluding Sump Cost		38825	41914	44151	46856	55107	61938	63612	88236	78968	92932	100630	116301	139597	163009
16 mm	Sump size-40m3	Total MIS Cost	65050	68827	71546	74879	84964	93255	96116	125145	110815	127100	136089	154339	181505	208786
	Sump size-25m3	Total MIS Cost	59525	63302	66021	69354	79439	87730	90591	119620	105290	121575	130564	148814	175980	203261
	Sump size-20m3	Total MIS Cost	57400	61177	63896	67229	77314	85605	88466	117495	103165	119450	128439	146689	173855	201136
	Sump size-13m3	Total MIS Cost	54125	57902	60621	63954	74039	82330	85191	114220	99890	116175	125164	143414	170580	197861
	Total MIS Cost Excluding Sump Cost		43050	46827	49546	52879	62964	71255	74116	103145	88815	105100	114089	132339	159505	186786
22 mm	Sump size-40m3	Total MIS Cost	69352	73953	77287	81313	93526	103549	105668	141524	129534	150500	162080	185540	220499	255584
	Sump size-25m3	Total MIS Cost	63827	68428	71762	75788	88001	98024	100143	135999	124009	144975	156555	180015	214974	250059
	Sump size-20m3	Total MIS Cost	61702	66303	69637	73663	85876	95899	98018	133874	121884	142850	154430	177890	212849	247934
	Sump size-13m3	Total MIS Cost	58427	63028	66362	70388	82601	92624	94743	130599	118609	139575	151155	174615	209574	244659
	Total MIS Cost Excluding Sump Cost		47352	51953	55287	59313	71526	81549	83668	119524	107534	128500	140080	163540	198499	233584

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Revised Unit Cost/Ha. (Jantri) per hac.for Drip Tape based Irrigation System with & without inclusion of water sump w.e.f. 28-12-2023 (in Rs.)

Lateral Size	Particular		Crop Spacing / Lateral Spacing (Mtr.)													
			12 x 12	10 x 10	9 X 9	8 X 8	6 X 6	5 X 5	4 X 4	3 X 3	2.5 X 0.6	2 X 0.6	1.8 X 0.6	1.5 X 0.6	1.2 X 0.6	1 X 0.6
12.5 mm (wall thickness 0.40 mm)	Sump size-40m3	Total MIS Cost	49378	50431	51146	52023	54681	56792	59979	65287	69510	75860	79381	86506	97126	107777
	Sump size-25m3	Total MIS Cost	43853	44906	45621	46498	49156	51267	54454	59762	63985	70335	73856	80981	91601	102252
	Sump size-20m3	Total MIS Cost	41728	42781	43496	44373	47031	49142	52329	57637	61860	68210	71731	78856	89476	100127
	Sump size-13m3	Total MIS Cost	38453	39506	40221	41098	43756	45867	49054	54362	58585	64935	68456	75581	86201	96852
	Total MIS Cost Excluding Sump Cost		27378	28431	29146	30023	32681	34792	37979	43287	47510	53860	57381	64506	75126	85777
15.875 mm (wall thickness 0.508 mm)	Sump size-40m3	Total MIS Cost	51181	52590	53547	54722	58280	61111	65377	72486	78159	86699	91423	100959	115189	129455
	Sump size-25m3	Total MIS Cost	45656	47065	48022	49197	52755	55586	59852	66961	72634	81174	85898	95434	109664	123930
	Sump size-20m3	Total MIS Cost	43531	44940	45897	47072	50630	53461	57727	64836	70509	79049	83773	93309	107539	121805
	Sump size-13m3	Total MIS Cost	40256	41665	42622	43797	47355	50186	54452	61561	67234	75774	80498	90034	104264	118530
	Total MIS Cost Excluding Sump Cost		29181	30590	31547	32722	36280	39111	43377	50486	56159	64699	69423	78959	93189	107455
15.875 mm (wall thickness 0.635 mm)	Sump size-40m3	Total MIS Cost	52503	54174	55308	56702	60921	64279	69338	77778	84521	94651	100257	111561	128442	145358
	Sump size-25m3	Total MIS Cost	46978	48649	49783	51177	55396	58754	63813	72253	78996	89126	94732	106036	122917	139833
	Sump size-20m3	Total MIS Cost	44853	46524	47658	49052	53271	56629	61688	70128	76871	87001	92607	103911	120792	137708
	Sump size-13m3	Total MIS Cost	41578	43249	44383	45777	49996	53354	58413	66853	73596	83726	89332	100636	117517	134433
	Total MIS Cost Excluding Sump Cost		30503	32174	33308	34702	38921	42279	47338	55778	62521	72651	78257	89561	106442	123358
16.5 mm (wall thickness 0.40 mm)	Sump size-40m3	Total MIS Cost	50285	51517	52354	53381	56492	58965	62696	68909	73856	81314	85440	93778	106215	118685
	Sump size-25m3	Total MIS Cost	44760	45992	46829	47856	50967	53440	57171	63384	68331	75789	79915	88253	100690	113160
	Sump size-20m3	Total MIS Cost	42635	43867	44704	45731	48842	51315	55046	61259	66206	73664	77790	86128	98565	111035
	Sump size-13m3	Total MIS Cost	39360	40592	41429	42456	45567	48040	51771	57984	62931	70389	74515	82853	95290	107760
	Total MIS Cost Excluding Sump Cost		28285	29517	30354	31381	34492	36965	40696	46909	51856	59314	63440	71778	84215	96685

Annexure - VI

Gujarat Green Revolution Company Ltd.			
Fertilizer Nagar, Vadodara-391750			
Unit cost (jantri) for Sprinkler Irrigation System w.e.f. 28-12-2023 (in Rs.)			
	HDPE Pipe Coupler size		
Area	63mm	75MM	90MM
0.4 hac.	12274	NA	NA
1 hac.	19972	21437	NA
2 hac.	28754	30736	NA
3 hac.	NA	NA	37199
4 hac.	NA	NA	46889
5 hac.	NA	NA	52682

Annexure - VII

Unit Cost (Jantri) for Rain Gun Sprinkler Set w.e.f.28-12-2023 (in Rs.)			
Area	Coupler size		
	63mm	75MM	90MM
1 hac.	20493	21817	NA
2 hac.	NA	26635	NA
3 hac.	NA	NA	39410
4 hac.	NA	NA	44361
5 hac.	NA	NA	49947
Note:-	1. When irrigated area is below 1 ha. then		
	MIS cost will be reduced proportionately to area and reference MIS cost will be existing MIS cost of 1 Ha. per Set.		
Note:-	2. When irrigation area is between 1 & 2 Ha. then		
	For working out MIS cost, differential amount between existing MIS cost of 1 Ha. per set and 2 Ha. per set will be added in 1 Ha. set, proportionate to increase in area from 1 Ha. to 2 Ha.		