

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. 10-12-2022 (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	42174	43719	44702	50609	55086	57669	58265	65479	78811	87521	92665	102185	118059	136704
	Sump size-25m3	Total MIS Cost	36649	38194	39177	45084	49561	52144	52740	59954	73286	81996	87140	96660	112534	131179
	Sump size-20m3	Total MIS Cost	34524	36069	37052	42959	47436	50019	50615	57829	71161	79871	85015	94535	110409	129054
	Sump size-13m3	Total MIS Cost	31249	32794	33777	39684	44161	46744	47340	54554	67886	76596	81740	91260	107134	125779
	Total MIS Cost Excluding Sump Cost		20174	21719	22702	28609	33086	35669	36265	43479	56811	65521	70665	80185	96059	114704
16 mm	Sump size-40m3	Total MIS Cost	44634	46671	47990	54299	60005	63588	65643	75321	88128	99167	105775	117753	137479	160028
	Sump size-25m3	Total MIS Cost	39109	41146	42465	48774	54480	58063	60118	69796	82603	93642	100250	112228	131954	154503
	Sump size-20m3	Total MIS Cost	36984	39021	40340	46649	52355	55938	57993	67671	80478	91517	98125	110103	129829	152378
	Sump size-13m3	Total MIS Cost	33709	35746	37065	43374	49080	52663	54718	64396	77203	88242	94850	106828	126554	149103
	Total MIS Cost Excluding Sump Cost		22634	24671	25990	32299	38005	41588	43643	53321	66128	77167	83775	95753	115479	138028

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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. 10-12-2022 (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	80685	86003	94507	99893	108938
	Sump size-25m3	Total MIS Cost	75160	80478	88982	94368	103413
	Sump size-20m3	Total MIS Cost	73035	78353	86857	92243	101288
	Sump size-13m3	Total MIS Cost	69760	75078	83582	88968	98013
	Total MIS Cost Excluding Sump Cost		58685	64003	72507	77893	86938
32 mm	Sump size-40m3	Total MIS Cost	90750	97065	106795	113716	123679
	Sump size-25m3	Total MIS Cost	85225	91540	101270	108191	118154
	Sump size-20m3	Total MIS Cost	83100	89415	99145	106066	116029
	Sump size-13m3	Total MIS Cost	79825	86140	95870	102791	112754
	Total MIS Cost Excluding Sump Cost		68750	75065	84795	91716	101679

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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. 10-12-2022 (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	58751	61456	63411	65809	73081	79118	81328	102757	91640	103283	109690	122787	142219	161769
	Sump size-25m3	Total MIS Cost	53226	55931	57886	60284	67556	73593	75803	97232	86115	97758	104165	117262	136694	156244
	Sump size-20m3	Total MIS Cost	51101	53806	55761	58159	65431	71468	73678	95107	83990	95633	102040	115137	134569	154119
	Sump size-13m3	Total MIS Cost	47826	50531	52486	54884	62156	68193	70403	91832	80715	92358	98765	111862	131294	150844
	Total MIS Cost Excluding Sump Cost		36751	39456	41411	43809	51081	57118	59328	80757	69640	81283	87690	100787	120219	139769
12 mm	Sump size-40m3	Total MIS Cost	60889	64004	66259	68994	77330	84234	86071	110895	100940	114908	122606	138289	161594	185020
	Sump size-25m3	Total MIS Cost	55364	58479	60734	63469	71805	78709	80546	105370	95415	109383	117081	132764	156069	179495
	Sump size-20m3	Total MIS Cost	53239	56354	58609	61344	69680	76584	78421	103245	93290	107258	114956	130639	153944	177370
	Sump size-13m3	Total MIS Cost	49964	53079	55334	58069	66405	73309	75146	99970	90015	103983	111681	127364	150669	174095
	Total MIS Cost Excluding Sump Cost		38889	42004	44259	46994	55330	62234	64071	88895	78940	92908	100606	116289	139594	163020
16 mm	Sump size-40m3	Total MIS Cost	65188	69002	71746	75121	85316	93702	96783	126047	110806	127096	136084	154346	181520	208815
	Sump size-25m3	Total MIS Cost	59663	63477	66221	69596	79791	88177	91258	120522	105281	121571	130559	148821	175995	203290
	Sump size-20m3	Total MIS Cost	57538	61352	64096	67471	77666	86052	89133	118397	103156	119446	128434	146696	173870	201165
	Sump size-13m3	Total MIS Cost	54263	58077	60821	64196	74391	82777	85858	115122	99881	116171	125159	143421	170595	197890
	Total MIS Cost Excluding Sump Cost		43188	47002	49746	53121	63316	71702	74783	104047	88806	105096	114084	132346	159520	186815
22 mm	Sump size-40m3	Total MIS Cost	69491	74129	77490	81555	93880	103997	106336	142428	129528	150498	162078	185551	220519	255620
	Sump size-25m3	Total MIS Cost	63966	68604	71965	76030	88355	98472	100811	136903	124003	144973	156553	180026	214994	250095
	Sump size-20m3	Total MIS Cost	61841	66479	69840	73905	86230	96347	98686	134778	121878	142848	154428	177901	212869	247970
	Sump size-13m3	Total MIS Cost	58566	63204	66565	70630	82955	93072	95411	131503	118603	139573	151153	174626	209594	244695
	Total MIS Cost Excluding Sump Cost		47491	52129	55490	59555	71880	81997	84336	120428	107528	128498	140078	163551	198519	233620

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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. 10-12-2022 (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	49292	50347	51063	51942	54604	56719	59912	65228	69458	75819	79345	86483	97120	107789
	Sump size-25m3	Total MIS Cost	43767	44822	45538	46417	49079	51194	54387	59703	63933	70294	73820	80958	91595	102264
	Sump size-20m3	Total MIS Cost	41642	42697	43413	44292	46954	49069	52262	57578	61808	68169	71695	78833	89470	100139
	Sump size-13m3	Total MIS Cost	38367	39422	40138	41017	43679	45794	48987	54303	58533	64894	68420	75558	86195	96864
	Total MIS Cost Excluding Sump Cost		27292	28347	29063	29942	32604	34719	37912	43228	47458	53819	57345	64483	75120	85789
15.875 mm (wall thickness 0.508 mm)	Sump size-40m3	Total MIS Cost	51095	52506	53465	54641	58204	61038	65310	72428	78110	86659	91388	100937	115185	129469
	Sump size-25m3	Total MIS Cost	45570	46981	47940	49116	52679	55513	59785	66903	72585	81134	85863	95412	109660	123944
	Sump size-20m3	Total MIS Cost	43445	44856	45815	46991	50554	53388	57660	64778	70460	79009	83738	93287	107535	121819
	Sump size-13m3	Total MIS Cost	40170	41581	42540	43716	47279	50113	54385	61503	67185	75734	80463	90012	104260	118544
	Total MIS Cost Excluding Sump Cost		29095	30506	31465	32641	36204	39038	43310	50428	56110	64659	69388	78937	93185	107469
15.875 mm (wall thickness 0.635 mm)	Sump size-40m3	Total MIS Cost	52418	54090	55226	56621	60845	64206	69271	77722	84471	94611	100222	111540	128438	145373
	Sump size-25m3	Total MIS Cost	46893	48565	49701	51096	55320	58681	63746	72197	78946	89086	94697	106015	122913	139848
	Sump size-20m3	Total MIS Cost	44768	46440	47576	48971	53195	56556	61621	70072	76821	86961	92572	103890	120788	137723
	Sump size-13m3	Total MIS Cost	41493	43165	44301	45696	49920	53281	58346	66797	73546	83686	89297	100615	117513	134448
	Total MIS Cost Excluding Sump Cost		30418	32090	33226	34621	38845	42206	47271	55722	62471	72611	78222	89540	106438	123373
16.5 mm (wall thickness 0.40 mm)	Sump size-40m3	Total MIS Cost	50199	51434	52272	53300	56416	58892	62629	68852	73805	81274	85405	93757	106211	118699
	Sump size-25m3	Total MIS Cost	44674	45909	46747	47775	50891	53367	57104	63327	68280	75749	79880	88232	100686	113174
	Sump size-20m3	Total MIS Cost	42549	43784	44622	45650	48766	51242	54979	61202	66155	73624	77755	86107	98561	111049
	Sump size-13m3	Total MIS Cost	39274	40509	41347	42375	45491	47967	51704	57927	62880	70349	74480	82832	95286	107774
	Total MIS Cost Excluding Sump Cost		28199	29434	30272	31300	34416	36892	40629	46852	51805	59274	63405	71757	84211	96699

Annexure - VI

Gujarat Green Revolution Company Ltd.			
Fertilizer Nagar, Vadodara-391750			
Unit cost (jantri) for Sprinkler Irrigation System w.e.f. 10-12-2022 (in Rs.)			
	HDPE Pipe Coupler size		
Area	63mm	75MM	90MM
0.4 hac.	12270	NA	NA
1 hac.	19960	21485	NA
2 hac.	28728	30792	NA
3 hac.	NA	NA	37355
4 hac.	NA	NA	47083
5 hac.	NA	NA	52896

Annexure - VII

Unit Cost (Jantri) for Rain Gun Sprinkler Set w.e.f.10-12-2022 (in Rs.)			
Area	Coupler size		
	63mm	75MM	90MM
1 hac.	20424	21805	NA
2 hac.	NA	26638	NA
3 hac.	NA	NA	39461
4 hac.	NA	NA	44442
5 hac.	NA	NA	50063
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.		
	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.		