

Name Of Scheme: M & R to DDSA Package 10 Chilakota RWSS								
NAME OF WORK:- Repairing Work Of Various Items Under DDSA Package 10 Chilakota RWSS								
SCHEDULE B Part B								
Sr. No.	Chilakota RWSS		Total Qty.	Unit	Item Discription	Rate (in Rs.)	Per	Total Amount in Rs.
1			2	3	4	5	6	7=[2] x [5]
					ITEM NO 1			
					Inside-Outside Painting to all Functional civil structures, as per schedule (Twice in the contract period)			
					Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered aterials.etc complete. (Outside)			
					R&B SOR 24-25 CH 19 PG NO.113 Item Code.19031			
a1	3197.00	2	6394	Sqmt	HW/SHW (ESR , BPT)	122.14	Sqmt	780958.68
a2	429.94	2	859.88	Sqmt	Staff Qart Coup. Wall	122.14	Sqmt	105025.14
					ITEM NO 2			
					Distempeing (TWO COATS) With Oil Bound Distemper of approved brand and manufacture and of required shade on wall surfaces to give an even shade, over and including a priming coat with distemper primer of approved brand and manufacture after throughly brushing the surface free from mortor dropping and other foreign matter and also including preparing the surface even and sand papered smooth. (Inside)			
					R&B SOR 24-25 CH 18 PG NO.108 Item Code.18021			
a1	130	2	260	Sqmt	HW/Sub HW	77.30	Sqmt	20096.78
					ITEM NO 3			
					Painting Two Coat (Excluding Priming Coat) On Previously Printed Steel And Other Metal Surface With Enamel Print Brushing To Give An Even Shade Including Cleaning The Surface Of All Dirt Dust And Other Foreign Matter			
					R&B SOR 24-25 CH 19 PG NO.110 Item Code.19003			
a1	100	2	200	Sqmt	Doors, Window, Shutter	59.35	Sqmt	11869.52
Sub Total- Part B1 (i, ii, iii)								917950.12

					ITEM NO 4			
					Cleaning of Storage reservoir: UG sumps, ESR, HGLR/ GLCC and all village level sumps every 6 months			
					GWSSB SOR 22-23 Section 1.G PG NO.77-78 Item No.10 & 11			
					Sump/HGLR			
a1	1	10	10	No.	BPT 6.30 LL capacity 1 Nos BPT At Jada Kheriya SHW	6691.65	No.	66916.50
a2	1	10	10	No.	BPT 12.00 LL capacity 1 Nos BPT At Rojham	11471.25	No.	114712.50
a3	1	10	10	No.	BPT 3.60 LL capacity 1 Nos BPT At Dhadhela	4301.85	No.	43018.50
a4	1	10	10	No.	BPT 19.40 LL capacity 1 Nos BPT At Biliya SHW	18640.65	No.	186406.50
a5	1	10	10	No.	BPT 6.00 LL capacity 1 Nos BPT At Nelsur SHW	6213.90	No.	62139.00
a6	1	10	10	No.	BPT 4.00 LL capacity 1 Nos BPT At Undar SHW	4779.60	No.	47796.00
a7	1	10	10	No.	530000 Cap. Sump at Vadva Village	5974.50	No.	59745.00
a8	1	10	10	No.	540000 Cap. Sump at Nelsur Village	5974.50	No.	59745.00
a9	1	10	10	No.	560000 Cap. Sump at Vajelav Village	5974.50	No.	59745.00
a10	1	10	10	No.	450000 Cap. Sump at Undar Village	5258.40	No.	52584.00
a11	1	10	10	No.	430000 Cap. Sump at Kaliyavad Village	5258.40	No.	52584.00
a12	1	10	10	No.	100000 Cap. Sump at Dolariya Village	2389.80	No.	23898.00
a13	1	10	10	No.	480000 Cap. Sump at Jadakhariya Village	5736.15	No.	57361.50
a14	1	10	10	No.	340000 Cap. Sump at Katholiya Village	4301.85	No.	43018.50
a15	1	10	10	No.	610000 Cap. Sump at Matva Village	6213.90	No.	62139.00
a16	1	10	10	No.	1420000 Cap. Sump at Chilakota Village	13383.30	No.	133833.00
a17	1	10	10	No.	340000 Cap. Sump at Rozam Village	4301.85	No.	43018.50
a18	1	10	10	No.	160000 Cap. Sump at Jekot Village	2509.50	No.	25095.00
a19	1	10	10	No.	130000 Cap. Sump at Rampura Village	2389.80	No.	23898.00
a20	1	10	10	No.	190000 Cap. Sump at Kalitalay Village	2748.90	No.	27489.00
a21	1	10	10	No.	100000 Cap. Sump at Tutaghati Village	2389.80	No.	23898.00
a22	1	10	10	No.	420000 Cap. Sump at Kamboi Village	5258.40	No.	52584.00
a23	1	10	10	No.	190000 Cap. Sump at Polisimal Village	2748.90	No.	27489.00
a24	1	10	10	No.	160000 Cap. Sump at Valundi Village	2509.50	No.	25095.00
a25	1	10	10	No.	120000 Cap. Sump at Mangal mahudi Village	2389.80	No.	23898.00
a26	1	10	10	No.	160000 Cap. Sump at Usra Village	2509.50	No.	25095.00
a27	1	10	10	No.	290000 Cap. Sump at Dhadhela Village	3584.70	No.	35847.00
a28	1	10	10	No.	500000 Cap. Sump at Khirkhay Village	5736.15	No.	57361.50
a29	1	10	10	No.	510000 Cap. Sump at Dabhada Village	5736.15	No.	57361.50
a30	1	10	10	No.	140000 Cap. Sump at Devdhi Village	2389.80	No.	23898.00
a31	1	10	10	No.	240000 Cap. Sump at Mahunala Village	3106.95	No.	31069.50
a32	1	10	10	No.	380000 Cap. Sump at Mandav Village	4779.60	No.	47796.00
a33	1	10	10	No.	50000 Cap. Sump at Surpur Umariya Village	1792.35	No.	17923.50
a34	1	10	10	No.	160000 Cap. Sump at Kanjar Village	2509.50	No.	25095.00
					ESR			
b1	1	10	10	No.	ESR 27.20 LL capacity 1 Nos At Jada Kheriya SHW	18522.00	No.	185220.00
Sub Total- Part B2								1904773.50
Total- Part B (B1+B2)								2822723.62

Deputy Executive Engineer
Public Health Sanitary Sub Division
Limkheda

Name of Scheme :- DDSA PKG-10 Chilakota RWSS									
Taluka .Limkheda , Dhanpur, Garbada & Dahod						District :- Dahod			
Name Of Work :Colour Work Main Head works & Chine Mosiac Flooring									
MEASUREMENT									
No	Particulars			No	lengt h	Width	Depth	Qty	Unit
	Item No.1								
	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered aterials.etc complete. (Outside)							3313.94	Sqmt
	as per Atteachment Sheet								
	Item No.2								
	Distempering with dry distemper of approved brand and manufacture (two coats) and of required shade on wall surface to give an even shade, over and including a priming coat of whitening after throughly brooming the surface free from mortar dropping and other Foreign Matter. (Inside)							130	Sqmt
	Item No:-3								
	Painting Two Coat (Excluding Priming Coat) On Previously Printed Steel And Other Metal Surface With Enamel Print Brushing To Give An Even Shade Including Cleaning The Surface Of All Dirt Dust And Other Foreign Matter							100	Sqmt
	(Lump Sum Quantity)								
	Staff Qaueter At Jada Kheriya								
	Outer side	2	7.1	0.9	3	0.6	63.9		
		2	7.3	0.9	3	0.6	65.7		
									A
	Window Chhajja	2	6	0.5	0.15		0.9		
	Door Chhajja	2	1	0.5	0.15		0.15		
							130.65		
	Deduction								
	Door	1	3	1		1.95	5.85		
	Window	1	7	0.85		1.2	7.14		
	Ventilater	1	2	0.6		0.6	0.72		
							13.71		B
							(A-B)	116.94	OUTSIDE

	Inside	2	6.8			3	40.8		
		2	7			3	42		
	ceiling			6.8	7		47.6		
	Partition Wall -1	2		1.6		2	6.4		
	Partition Wall -2	2		1.6		2	6.4		
							143.2		A
	Deduction								
	Door	1	3	1		1.95	5.85		
	Window	1	7	0.85		1.2	7.14		
	Ventilator	1	2	0.6		0.6	0.72		
							13.71		B
							(A-B)	129.49	INSIDE
								130	
	Boundary wall	2	45	2.5		1	225		
		1	35	2.5		1	87.5		
							312.5	312.5	OUTSIDE
								313	

GRAND TOTAL OF OUT SIDE	429.94	Sqmt
GRAND TOTAL OF IN SIDE	130	Sqmt

Deputy Executive Engineer
Public Health Sanitary Sub Division
Limkheda

Calculation Of Sump/HGLR for DDSA PKG-10 Chilakota RWSS															
Sr. No.	Name Of Village	Number of Sump	Capicity in Ltr.	Volume in m3	Height	Inner Diametre	Perimetre	Inner Surface Area Of Sump/ HGLR				Outer Surface Area Of Sump/ HGLR			
								Surface area of side wall	base slab	Roof Slab	Total	Height	Outer Diametre	Perimetre	Surface area of side wall
1	Jada Kheriya BPT	1	630000	630	4	14.16	44.48	177.91	157.50	157.50	492.91	2.00	14.56	45.73	91.47
2	Rojam BPT	1	1200000	1200	3	22.57	70.88	212.64	400.00	400.00	1012.64	2.00	22.97	72.14	144.27
3	Dhadhela BPT	1	360000	360	3	12.36	38.82	116.47	120.00	120.00	356.47	2.00	12.76	40.08	80.16
4	Biliya BPT	1	1940000	1940	3	28.70	90.12	270.37	646.67	646.67	1563.70	2.00	29.10	91.38	182.76
5	NELSUR BPT	1	600000	600	3	15.96	50.12	150.36	200.00	200.00	550.36	2.00	16.36	51.38	102.75
6	UNDAR BPT	1	400000	400	3	13.03	40.92	122.77	133.33	133.33	389.43	2.00	13.43	42.18	84.36
7	VADVA	1	530000	530	3	15.00	47.11	141.32	176.67	176.67	494.65	2.00	15.40	48.36	96.72
8	NELSUR	1	540000	540	3	15.14	47.55	142.64	180.00	180.00	502.64	2.00	15.54	48.80	97.61
9	VAJELAV	1	560000	560	3	15.42	48.42	145.26	186.67	186.67	518.59	2.00	15.82	49.68	99.35
10	UNDAR	1	450000	450	3	13.82	43.41	130.22	150.00	150.00	430.22	2.00	14.22	44.66	89.32
11	KALIYAVAD	1	430000	430	3	13.51	42.43	127.29	143.33	143.33	413.96	2.00	13.91	43.69	87.37
12	DOLARIYA	1	100000	100	3	6.52	20.46	61.38	33.33	33.33	128.05	2.00	6.92	21.72	43.43
13	JADAKHERIYA	1	480000	480	3	14.28	44.83	134.49	160.00	160.00	454.49	2.00	14.68	46.08	92.17
14	KATHOLIYA	1	340000	340	3	12.02	37.73	113.19	113.33	113.33	339.85	2.00	12.42	38.98	77.97
15	MATVA	1	610000	610	3	16.09	50.54	151.61	203.33	203.33	558.27	2.00	16.49	51.79	103.58
16	CHILAKOTA	1	1420000	1420	3	24.56	77.10	231.31	473.33	473.33	1177.98	2.00	24.96	78.36	156.72
17	ROZAM	1	340000	340	3	12.02	37.73	113.19	113.33	113.33	339.85	2.00	12.42	38.98	77.97
18	JEKOT	1	160000	160	3	8.24	25.88	77.65	53.33	53.33	184.31	2.00	8.64	27.14	54.28
19	RAMPUR	1	130000	130	3	7.43	23.33	69.99	43.33	43.33	156.66	2.00	7.83	24.59	49.17
20	KALITALAI	1	190000	190	3	8.98	28.20	84.61	63.33	63.33	211.28	2.00	9.38	29.46	58.92
21	TUTAGHATI	1	100000	100	3	6.52	20.46	61.38	33.33	33.33	128.05	2.00	6.92	21.72	43.43
22	KAMBOI	1	420000	420	3	13.35	41.93	125.80	140.00	140.00	405.80	2.00	13.75	43.19	86.38
23	POLISHIMAL	1	190000	190	3	8.98	28.20	84.61	63.33	63.33	211.28	2.00	9.38	29.46	58.92
24	VALUNDI	1	160000	160	3	8.24	25.88	77.65	53.33	53.33	184.31	2.00	8.64	27.14	54.28
25	MANGAL MAHUDI	1	120000	120	3	7.14	22.41	67.24	40.00	40.00	147.24	2.00	7.54	23.67	47.34
26	USARA	1	160000	160	3	8.24	25.88	77.65	53.33	53.33	184.31	2.00	8.64	27.14	54.28
27	DHADHELA	1	290000	290	3	11.10	34.84	104.53	96.67	96.67	297.87	2.00	11.50	36.10	72.20
28	KHIRKHAI	1	500000	500	3	14.57	45.75	137.26	166.67	166.67	470.59	2.00	14.97	47.01	94.02
29	DABHADA	1	510000	510	3	14.72	46.21	138.62	170.00	170.00	478.62	2.00	15.12	47.46	94.93
30	DEVDDHI	1	140000	140	3	7.71	24.21	72.63	46.67	46.67	165.96	2.00	8.11	25.47	50.93
31	MAHUNALA	1	240000	240	3	10.10	31.70	95.10	80.00	80.00	255.10	2.00	10.50	32.95	65.91
32	MANDAV	1	380000	380	3	12.70	39.89	119.66	126.67	126.67	372.99	2.00	13.10	41.14	82.29
33	SURPUR	1	50000	50	3	4.61	14.47	43.41	16.67	16.67	76.74	2.00	5.01	15.72	31.45
34	KANAJAR	1	160000	160	3	8.24	25.88	77.65	53.33	53.33	184.31	2.00	8.64	27.14	54.28
								4057.83	4890.83	4890.83	13839.50	68.00	439.65	1380.49	2760.98

Calc. Of ESR								For unit ESR				Outer Surface Area Of ESR			
1	Name Of Village	Number of ESR	Capicity	Volume in m3	Height	Diametre	Perimetre	Surface area of side wall	base slab	Roof Slab	Total	Height	Outer Diametre	Perimetre	Surface area of side wall
1	Jada Kheriya	1	2720000	2720	3	33.99	106.71	336.15	906.67	906.67	2149.48	3.15	34.39	107.97	340.10
31								336.15	906.67	906.67	2149.48				340.10

Sr. No.	Name Of Village	Number of ESR	Capacity	Height of Column/S haft	Column Based ESR			Shaft Based ESR			Total Area of Side Wall	GRAND TOTAL
					Side of square column	Perimetre of square column	Surface area of column	Outer Diametre	Perimetre	Surface area of side wall		
1	Jada Kheriya	1	2720000	12			0.00	2.5	7.85	94.2	94.20	94.20
							0.00				94.20	94.20
Total												

Inner Surface Area Of Sump	13839.50	13840.00
Inner Surface Area Of ESR	2149.48	2150.00
Total	15989.00	15990.00

Outer Surface Area Of Sump	2760.98	2761.00
Outer Surface Area Of ESR	340.10	341.00
Outer Surface Area Of Column/shaft	94.20	95.00
Total	3195.28	3197.00

Deputy Executive Engineer
Public Health Sanitary Sub Division
Limkheda

SCHEDULE - " A "

Comprehensive Operation and Maintenance of the project mainly different class, type and diameter pipes, Sluice valves, Flow meters, Non-return valve. Work includes replacement of spares for all equipment and maintenance of all civil structures etc. complete. Including submission of periodic MIS reports on software. Supply of potable water in accordance, All type operations, preventive maintenance, overhauls and repair / break down maintenance for civil works. & All type operations, preventive maintenance, overhauls and repair / break down maintenance for mechanical(incl.Pumping Machinery) & electrical works etc. Providing nos. of qualified and experienced staff for overall amangement of O&M work as per detailed specification & obligatory requirement for 60 months. Excluding electric power, raw water cost under Dist. Dahod & as per tender.Narmada River Basin(Nr.Hafeshwar) Based DDSA PACKAGE 10 CHILAKOTA RWSS Scheme For 28 villages of Taluka: Dhanpur, Limkheda, Garbada, Dahod District: Dahod. For Five Years (O & M-Civil & Mechanical)

Estimated Cost : 29261556.00

Duration of O & M : 5 Year (60 Months)

SCHEDULE - " A "

Schedule showing the approximately the materials to be supplied to the contractor from Government

stores for the work to be executed and the rate at which they are to be charged ::

Sr. No.	Particulars.	Qty.	Rate at which the materials		Place of charge delivery.		
			Rate	Unit.			
1	2	3	4	5	6		
1	PVC/ DI PIPELINE	As per requirement	~Free of Cost~		At specified Main Head Work Of The Scheme		
2		As per requirement	~Free of Cost~				
3		As per requirement	~Free of Cost~				

NOTE

1. Materials not included in "Schedule – A" but required for the work shall be provided by the contractor at his own cost.

2. Any materials required for items other than labour charges items mentioned in "Schedule – B" and materials not included in "Schedule – A" but available with dept. will be issued on request of the contractor at departmental issued rate or market rate whichever is more.

3. The contractor shall provide his own arrangement for loading, unloading and transporting the materials issued by the dept. from store to site at his own cost. Contractor will be responsible for damages whatsoever during transfer.

4. The unused materials issued by the department for this work shall be returned to the department in good and acceptable condition by the contractors. Any such unused materials not returned by the contractor in time or issued will be recovered at Double of (As per issue rate + 3% storage charge or Board RC + 3% storage charges) whichever is more.

5. All materials such as Specials, Fittings, Spares, etc. shall be brought by Agency / Contractor at site of work.

6. The material which requires to be procured by contractor and same as available with the department the same can be issued to the contractor after prior approval from the competent authority and charged for the same will be at the current market rate or issue rate fixed by the department whichever is higher. The contractor shall have to deposit total cost of materials issued or shall be recovered from the running account bill.

7. The materials issued for the above work shall be used in the above O&M work only. If any of materials issued for this work and found used in other works shall be charged at the double rate.

8. As per the instructions of the competent authority and availability of materials, if needed contractor have to transport the same from the Any Where of GWSSB Store/Office in Gujarat for which no extra carting, loading, unloading will be paid.

9. The materials issued free of cost to the contractor is to be transported to the site of work in good condition by the contractor for which no extra payment will be made.

10. The materials to be brought/purchase by the contractor shall be got approval from the EIC before using in the work.

**Dated Signature
of contractor**

**Dy Executive Engineer
Public Health Mechanical Sub Divison
Limkheda**

**Dy Executive Engineer
Public Health Sanitary Sub Divison
Limkheda**

**Executive Engineer
P.H.Mech Division (GWSSB)
Dahod**

**Executive Engineer
Public Health Works Division
Dahod**

SCHEDULE - " B "					
Comprehensive Operation and Maintenance of the project mainly different class, type and diameter pipes, Sluice valves, Flow meters, Non-return valve. Work includes replacement of spares for all equipment and maintenance of all civil structures etc. complete. Including submission of periodic MIS reports on software. Supply of potable water in accordance, All type operations, preventive maintenance, overhauls and repair / break down maintenance for civil works. & All type operations, preventive maintenance, overhauls and repair / break down maintenance for mechanical(incl.Pumping Machinery) & electrical works etc. Providing nos. of qualified and experienced staff for overall amanagement of O&M work as per detailed specification & obligatory requirement for 60 months. Excluding electric power, raw water cost under Dist. Dahod & as per tender.Narmada River Basin(Nr.Hafeshwar) Based DDSA PACKAGE 10 CHILAKOTA RWSS Scheme For 28 villages of Taluka: Dhanpur,Limkheda, Garbada,Dahod District: Dahod. For Five Years (O & M-Civil & Mechanical)					
M & R for 5 Year					
SCHEDULE B Part A					
Qty	Unit	Item Description	Rate	Per	Amount Rs/-
PART "A1" CIVIL WORK			Civil		
12	Month	Operation & Maintenance of Civil assets as per this contract for the DDSA Package-10 Chilakota Regional water supply scheme/s, including supply of 10.00 MLD potable water to all the 28 villages/0 towns for 60 months period. Taluka: Dev Baria District: Dahod based on Narmada River Basin Hafeshwar Intake well @ Narmada River. For DDSA PKG-10 Chilakota RWSS For Year 1	360410.00	Month	4324920
12	Month	For DDSA PKG-10 Chilakota RWSS For Year 2	382035.00	Month	4584420
12	Month	For DDSA PKG-10 Chilakota RWSS For Year 3	404957.00	Month	4859484
12	Month	For DDSA PKG-10 Chilakota RWSS For Year 4	429254.00	Month	5151048
12	Month	For DDSA PKG-10 Chilakota RWSS For Year 5	455009.00	Month	5460108
TOTAL RS.FOR Civil					24379980
PART "A2" MECHANICAL WORK			Mechanical		
12	Month	Comprehensive Operation & Maintenance of All Elecro-Mechanical assets as per this contract for the DDSA Package-10 Chilakota Regional water supply scheme/s, including supply of 10.00 MLD potable water to all the 28 villages/0 towns for 60 months period. Taluka: Dev Baria District: Dahod based on Narmada River Basin Hafeshwar Intake well @ Narmada River. Excluding supply of PAC, bleaching powder, Chlorine Gas. DDSA PKG-10 For Year 1	30436.00	Month	365232
12	Month	For DDSA PKG-10 Chilakota RWSS For Year 2	32262.00	Month	387144
12	Month	For DDSA PKG-10 Chilakota RWSS For Year 3	34198.00	Month	410376
12	Month	For DDSA PKG-10 Chilakota RWSS For Year 4	36250.00	Month	435000
12	Month	For DDSA PKG-10 Chilakota RWSS For Year 5	38425.00	Month	461100
TOTAL RS. FOR Eletro-Mechanical					2058852
Total Rs FOR PART "A1" & "A2"					26438832
Part-B					
		Maintenance activities, measured and paid separately, such as painting, cleaning of reservoirs/ tanks, etc complete as per this tender document			2822723.62
Total PART A+B=					29261555.62
Say Total =					29261556.00

Total of Schedule B in Rupees Two Crore Ninty Two lacs Sixty One Thousands Five Hundrads Fifty Six Ruppes Only

I / We am / are willing to carry out the work at _____% above / Below percent (should be written in figure and words) of the estimated rates mentioned above amount of my / our tender works out as under.

1.Estimated cost put to tender

Rs/

2.Deduct% above RS.....

3.Net Rs/-.....

4.In words Rs/-.....

.....

1.Estimated cost put to tender

Rs/-.....

2.Add% above RS.....

3.Net Rs/-.....

4.In words Rs/-.....

.....

Dy Executive Engineer
Public Health Mechanical Sub Divion
Limkheda

Dy Executive Engineer
Public Health Sanitary Sub Divion
Limkheda

Date & sign
of
contractor.

Executive Engineer
P.H.Mech Division
Dahod

Executive Engineer
P.H.Works Division
Dahod.