

Name of Work :Providing & Constructing NP3 Pipe Line for Under Ground Draiange Line and Open Drain to Convert / Fixing D.I , MS Pipe Line & Monoset sub. Pump 3phase,Auto transformer starter , PVC insulated round submersible cable for Water Supply Various Areas @ Tharad Nagarpalika . Dist : Vav-Tharad

Grant: - SJMMSVY-UDP-88- 2025-26

SCHEDULE – B

Memorandum showing item of work to be carried out

It. No.	Quantity Estimated But may be more or less	Description of Item	Estimated Rate (in Rs.)		Unit	Total Amount according to estimated quantities
			In Figure	in Words		
1	2	3	4	5	6	7
1.0		(R.C.C Pipe Horizontal Cast) Providing and supplying ISI Standard R.C.C. pipes(of Sulphate Resisting Cement) in standard lengths of following class and diameter suitable for either collar joints or rubber ring joints including all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. Note : One collar should be supplied with each full length plain ended RCC pipe, cost included in rates below. One rubber ring should be supplied with each full length socketed pipe, cost included in rates below. Class NP3 Test Pressure 0.7 Kg/sq.cm				
1.1	180.00	200 mm dia	417.00	Rupees Four Hundred Seventeen Only	RMT	75060.00
1.2	120.00	300 mm dia	755.00	Rupees Seven Hundred FiftyFive Only	RMT	90600.00
1.3	250.00	450 mm dia	1361.00	Rupees One Thousand Three Hundred SixtyOne Only	RMT	340250.00
1.4	150.00	600 mm dia	2049.00	Rupees Two Thousand FourtyNine Only	RMT	307350.00
2.0		Providing and supplying D. I. K-7 grade pipes for following nominal bore diameter with internal cement mortar lining including all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. complete. (IS 8329-2000). Rate for DI pipe based on Wholesale Price index of Pig Iron as 157.60 for the month of Dec-2022. For sewerage project cement mortor lining shall be with sulphate resistance cement				
2.1	79.00	200 mm dia	1880.00	Rupees One Thousand Eight Hundred Eighty Only	RMT	148520.00

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3.0		MS Pipe:- Manufacture, Supply & Delivery of Electric Resistance Welded (Up to 400mm)/Submerged Arc Welded(Above 400mm) M.S.Pipe having beveled ends plate or coil conforming to IS-3589-2001 or its latest revision/ ammendment for following thickness outside diameter at GWSSB store or site anywhere in Gujarat State including all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading conveyance to Departmental stores, stacking etc. all complete. (Rate for MS Pipe based on the ex. works price of HR Coil as Rs.58500 per MT - withouth GST (Above 3.15 mm to 10 mm) & Rs. 59000.00 per MT without GST (Above 10 mm) as onJan-23.(WPI Index of H. R Coil of Dec-22 is 144)				
3.1	16.00	1) OD 168.3 mm dia Thick 4.5	1285.00	Rupees One Thousand Two Hundred EightyFive Only	RMT	20560.00
3.2	16.00	1) OD 219.1 mm dia Thick 4.5	1684.00	Rupees One Thousand Six Hundred EightyFour Only	RMT	26944.00
4.0		Manufacture, Supply & Delivery of Ductile Iron Flange socket spigot bends, tees, reducers or any other specials as per BS-EN-545/1995 Class-A series K12 suitable for use with D.I. Pipes manufactured as per IS:8329/1994delivery of specials is to be made to GWSSB store or site of works any where in Gujarat including all taxes, loading, unloading, carting, stacking, insurance, inspection charges, octroi etc. complete.				
4.1	100.00	Socket & Spigot Type 80 to 300mm dia	148.00	Rupees One Hundred FourtyEight Only	K.G	14800.00
4.2	100.00	Flanged ended 80 to 300mm dia	155.00	Rupees One Hundred FiftyFive Only	K.G	15500.00
5.0		MS Special Ms Special Plain & Socket ends				0.00
5.1	100.00	<i>up to 300 mm dia</i>	96.00	Rupees NinetySix Only	K.G	9600.00
5.2	50.00	<i>M.S Special Flanged ends up to 300 mm dia</i>	98.00	Rupees NinetyEight Only	K.G	4900.00
6.0		Providing and supplying ISI mark C.I. D/F Sluice valves, Butterfly valves & Reflux valves of following class & dia. incl. all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. complete. 1) Sluice valve PN-1.6 with hand wheel / cap operated with ISI mark.				
6.1	0.00	200 mm dia	10295.00	Rupees Ten Thousand Two Hundred NinetyFive Only	K.G	0.00
7.0		Providing and supplying ISI mark C.I. D/F Sluice valves, Butterfly valves & Reflux valves of following class & dia. incl. all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. complete.1) Sluice valve PN-1.6 with hand wheel / cap operated with ISI mark.				
7.1	10.00	80 mm dia	2679.00	Rupees Two Thousand Six Hundred SeventyNine Only	No.	26790.00

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7.2	10.00	100 mm dia	3598.00	Rupees Three Thousand Five Hundred NinetyEight Only	No.	35980.00
7.3	10.00	150 mm dia	5857.00	Rupees Five Thousand Eight Hundred FiftySeven Only	No.	58570.00
7.4	11.00	200 mm dia	10295.00	Rupees Ten Thousand Two Hundred NinetyFive Only	No.	113245.00
8.0	25.00	RCC precast M.H. Frame & Cover Manufacture, supply & Delivery at store or at site of work precast RCC M.200 Frame & cover suitable to drainage M.H. and as per type design & Drawing including cost of reinforcement M.S. Angles or Flat, curing mold work etc. Heavy Duty Frame Suitable for 50cm Opening of MH	1121.00	Rupees One Thousand One Hundred TwentyOne Only	No.	28025.00
8.1	25.00	Cover Suitable for 50cm Opening of MH	1173.00	Rupees One Thousand One Hundred SeventyThree Only	No.	29325.00
9.0		Excavation for Sewer Collecting System and sewer manholes including all safety provision using site rails and removing and spreading the excavated stuffs directed with lead upto 90 M.				
9.1	1036.00	a) In all sorts of soil and soft murrum 0.00 to 1.50	104.58	Rupees One Hundred Four Paise FiftyEight Only	Cu.M	108344.88
9.2	281.00	a) In all sorts of soil and soft murrum 1.50 to 3.00	115.15	Rupees One Hundred Fifteen Paise Fifteen Only	Cu.M	32357.15
9.3	0.00	a) In all sorts of soil and soft murrum 3.00 to 4.50	121.03	Rupees One Hundred TwentyOne Paise Three Only	Cu.M	
9.4	228.00	d) In hard rock and / or in C. C. 1:2:4 or RCC with blasting, breaking, chiseling, or by chiseling/breaking only. 0.00 m to 1.50 m depth	437.10	Rupees Four Hundred ThirtySeven Paise Ten Only	Cu.M	99658.80
10.0		Lowering, laying and jointing C. I. S & S Spun pipes suitable for Tyton joints / Mortar lined D. I. Pipes of various classes with CI / MS specials of following diameters in proper position, grade and alignment as directed by Engineer-in-charge including hydraulic testing etc. comp.				
10.1	75.00	200 mm dia	116.33	Rupees One Hundred Sixteen Paise ThirtyThree Only	RMT	8724.75
11.0		Lowering, laying and jointing R. C. C. pipes in C. M. 1:1 1/2 of following diameters in proper position, grade and alignment at all level as directed by Engineer-in-charge including conveyance from stores to site of work, labour, giving hydraulic testing as per ISI code. Class NP3				
11.1	180.00	200 mm dia	103.40	Rupees One Hundred Three Paise Fourty Only	RMT	18612.00
11.2	120.00	300 mm dia	139.83	Rupees One Hundred ThirtyNine Paise EightyThree Only	RMT	16779.60
11.3	250.00	450 mm dia	200.93	Rupees Two Hundred Paise NinetyThree Only	RMT	50232.50
11.4	150.00	600 mm dia	267.90	Rupees Two Hundred SixtySeven Paise Ninety Only	RMT	40185.00

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12.0		Lowering, laying, Jointing & welding in position to correct line & level M.S. Pipe with outer gunniting & inside lining/Epoxy painting on pedestal or chairs upon prepared formation or prepared bedding in trenches the rates include conveyance from store to site of work loading, unloading, joint plastering, hydrotesting etc.complete.4mm to 7mm Thick				
12.1	15.00	168.3 mm	282.00	Rupees Two Hundred EightyTwo Only	RMT	4230.00
12.2	15.00	219.7 mm	344.28	Rupees Three Hundred FourtyFour Paise TwentyEight Only	RMT	5164.20
13.0		Lowering, laying and jointing in position following C. I. / D/F Reflux valves, Butterfly valves, Sluice valves and Air valves including cost of all labour, jointing material, including nut bolts and giving satisfactory hydraulic testing, etc. complete. Sluice valves, Butterfly Valves, Reflux Valves				
13.1	10.00	3) 80 mm dia	400.00	Rupees Four Hundred Only	No.	4000.00
13.2	10.00	4)100 mm dia	439.00	Rupees Four Hundred ThirtyNine Only	No.	4390.00
13.3	10.00	5)150 mm dia	585.00	Rupees Five Hundred EightyFive Only	No.	5850.00
13.4	11.00	7) 200 mm dia	871.85	Rupees Eight Hundred SeventyOne Paise EightyFive Only	No.	9590.35
14.0		Sewer Manhole				
14.1	21.00	Manhole type "A" Circular type having inside diameter of 1200 mm for depth upto 1.5 m depth (for 150 mm to 500 mm dia sewer) Manhole type "A" as above but upto 1.0 M depth.	14310.33	Rupees Fourteen Thousand Three Hundred Ten Paise ThirtyThree Only	No.	300516.93
14.2	10.50	Extra depth beyond 1.0 M but upto 1.5 M depth for "A" type manhole above.	7787.90	Rupees Seven Thousand Seven Hundred EightySeven Paise Ninety Only	RMT	81772.95
14.3	4.00	Manhole type "B" Circular type having inside diameter of 1500 mm for depth up to 1.5 m to 4.0 m depth (for 150 mm to 600 mm dia sewer) Manhole type "B" as above but up to 1.5 M depth.	24811.30	Rupees TwentyFour Thousand Eight Hundred Eleven Paise Thirty Only	No.	99245.20
14.4	2.00	Extra depth beyond 1.50 M but up to 4 .0 M depth for "B" type manhole above.	14467.78	Rupees Fourteen Thousand Four Hundred SixtySeven Paise SeventyEight Only	RMT	28935.56
15.0	1309.00	Refilling the pipeline trenches incl. ramming, watering, consolidating disposal of surplus stuff as directed within a radius of 3 km. Refilling as directed	25.85	Rupees TwentyFive Paise EightyFive Only	Cu.M	33837.65
16.0	11.00	Construction of valves chambers in brick or bela stone masonry, locally available in C.M. 1:6 foundation concrete 150 mm thick in C.C. 1:4:8 of trap metal size 25 mm to 40 mm thick, inside cement plaster in C.M. 1:3 and cement pointing outside in C.M. 1:3 and top cover of precast RCC slab 15 cm thick (with key hole in two parts, each with handles or MS bar etc. complete as given size) upto 1 Mt. depth from G.L. to pipe invert level incl. complete civil works with 23cm thick brick masonry wall in C.M. 1:6 Size 1.30 x 1.30 x 1.00 m deep. with precast slab in two parts 15 mm	11351.00	Rupees Eleven Thousand Three Hundred FiftyOne Only	No.	124861.00

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1	2	3	4	5	6	7
17.0	2.00	Monoset sub. pump 3 phase 400/440 volt, 50 c/s. A.C. Supply & 2900 RPM , as per IS 14220 MOC : Casing: CI-FG260, Impeller : Bronze & Shaft : SS:41 Monoset sub. pump 3 phase (a) Discharge 1860 LPM (b) Head 34 METER (c) Horse Power 40 H.P (d) Cat. SM - 4.7 CAT	76094.21	Rupees SeventySix Thousand NinetyFour Paise TwentyOne Only	No.	152188.42
18.0	1.00	Auto transformer starter suitable for local & remote pump control application consisting of Auto Transformer (vacuum impregnated, air cooled having three (3) tappings at 50%, 65% and 80%), incomer MCCB / MPCB, overload relay and contactors as per Type II coordination including digital MFM with RS 485 communication port, analogue type ammeter with selector switch, run hour meter, required protective relays & control accessories.. A. T. S. from 36 to 45 HP	46700.38	Rupees FourtySix Thousand Seven Hundred Paise ThirtyEight Only	No.	46700.38
19.0	200.00	PVC insulated round submersible cable as per detailed technical specifications conforming to IS 694, IEC 60227 / 60228.. 1 R x 3 C x 25.0 mm2	720.13	Rupees Seven Hundred Twenty Paise Thirteen Only	Rmt	144026.00
In Words Rupees TwentySeven Lakh SixtySix Thousand Two Hundred TwentyTwo Paise ThirtyTwo Only						2766222.32

I/We am/are willing to carry out the work at% above/below

Percent (should be written in figures and words) of the estimated rates mentioned above. Amount of my/our tender works out as under:-

*** Estimated amount**

Put to tender..... Rs.

Deduct :% below Rs.

Net..... Rs.

In words

*** (Please strike out whichever is not applicable).**

*** Estimated amount**

Put to tender..... Rs.

Add % above Rs.

Total Rs.

In words

Note 1- All work shall be carried out as per Public Works / GWSSB Department Handbook and other specifications of Division or as directed.

Note 2- All the columns is Schedule should be filled in ink and the total of the entries in the last column should be struck by the contractor under his signature.

Note 3- Rates quoted include clearance of site (prior commencement of work and at its close) in all respects and hold good for work under all conditions, site, moisture, weather etc.

Note 4- To be continued on additional sheets, if found necessary.

Note 5- GST at 18% will be charged on the bill generated.

**Chief Officer
Nagarpalika Tharad**