## **ABSTRACT ESTIMATE**

Jal Jeevan Mission (JJM)-WSS - to Santhanpara, Rajakumary (Part) and Senapathy (Part)

Panchayaths in Idukki District-Package IV A- Supplying and Laying Distribution and providing

FHTC in Santhanpara GP-Pipeline Work

Sl No	Specification	Quantity	Rate	Amount
1	Supplying , Laying and commissi	oning of Distri	bution- Cost of mat	erials
1.001	100.98.119			
	Supply of DI K9 Pipe Conforming to IS 8329/2000, 300mm Dia.			
	Net Total	1594.000metr e	@4520.65/metre	7205916.10
1.002	100.98.118			
	Supply of DI K9 Pipe Conforming	to IS 8329/2000	), 250mm Dia.	
	Net Total	6697.000metr e	@3616.52/metre	24219834.4 4
1.003	100.98.117	A STANCE		
	Supply of DI K9 Pipe Conforming	to I <mark>S 832</mark> 9/2000	), 200mm Dia.	
	Net Total	2468.000metr e	@2589.09/metre	6389874.12
1.004	100.98.116	BLIC WORKS		
	Supply of DI K9 Pipe Conforming	to IS 8329/2000	), 150mm Dia.	
	Net Total	6097.000metr e	@1890.46/metre	11526134.6 2
1.005	100.98.115			
	Supply of DI K9 Pipe Conforming	to IS 8329/2000	, 100mm Dia.	
	Net Total	995.000metre	@1257.56/metre	1251272.20
1.006	100.98.134			
	Supply of HDPE Pipe PE 100 (IS 4	984/1995), 8kg	, 90mm Outer Dia.	
	Net Total	41661.000met re	@212.57/metre	8855878.77
1.007	OD102884/2022-2023			
	90mm HDPE Specials (8kg)			
	Net Total	41661.000met re	@6.37/metre	265380.57
1.008	100.98.154			
	Supply of HDPE Pipe PE 100 (IS 4	984/1995), 10k	g, 90mm Outer Dia.	
	Net Total	30524.000met re	@264.59/metre	8076345.16

Sl No	Specification	Quantity	Rate	Amount	
1.009	OD102885/2022-2023			-	
	Specials for 90 mm HDPE pipe(10h	(g)			
	Net Total	30524.000met re	@7.95/metre	242665.80	
1.010	100.98.194				
	Supply of HDPE Pipe PE 100 (IS 4	984/1995), 16k	g, 90mm Outer Dia.		
	Net Total	81459.000met re	@376.08/metre	30635100.7 2	
1.011	OD102886/2022-2023				
	Specials for 90mm HDPE Pipe (16)	kg)		1	
	Net Total	81459.000met re	@11.29/metre	919672.11	
1.012	100.98.436				
	Supply of CI Air Valve, Conformin Size 80mm.	g to IS 14848 -	2000, Kinetic Air V	alve Type DK,	
	Net Total	10.000no	@11748.57/no	117485.70	
1.013	100.98.444	Albertalla.			
	Supply of CI Air Valve, Conforming to IS 14848 - 2000, Single Orifice, Large Orifice Type S2, Size 50mm.				
	Net Total	10.000no	@6110.65/no	61106.50	
1.014	100.98.445				
	Supply of CI Air Valve, Conforming to IS 14848 - 2000, Double Orifice Type DS2, Size 40mm.				
	Net Total	20.000no	@6950.42/no	139008.40	
1.015	100.98.440				
	Supply of CI Air Valve, Conforming to IS 14848 - 2000, Single Orifice, Small Orifice Type S1, Size 25mm.				
	Net Total	298.000no	@5636.76/no	1679754.48	
1.016	100.98.463				
	Supply of CI Double Flanged Sluic Valve with Cap PN 1.6, Size 300mm		ming to IS 14846 - 2	2000, Sluice	
	Net Total	4.000no	@43312.34/no	173249.36	
1.017	100.98.474				
	Supply of CI Double Flanged Sluic Valve with Cap PN 1.0, Size 250mm		ming to IS 14846 - 2	2000, Sluice	
	Net Total	1.000no	@32125.93/no	32125.93	
1.018	100.98.473				
	Supply of CI Double Flanged Sluic Valve with Cap PN 1.0, Size 200mi		ming to IS 14846 - 2	2000, Sluice	
	Net Total	4.000no	@21987.20/no	87948.80	

Sl No	Specification	Quantity	Rate	Amount
1.019	100.98.472	•		
	Supply of CI Double Flanged Sluice Valve with Cap PN 1.0, Size 150mr		ming to IS 14846 - 2	000, Sluice
	Net Total	3.000no	@12424.57/no	37273.71
1.020	100.98.458			
	Supply of CI Double Flanged Sluice Valve with Cap PN 1.6, Size 100mr		ming to IS 14846 - 2	000, Sluice
	Net Total	1.000no	@9003.95/no	9003.95
1.021	100.98.469			
	Supply of CI Double Flanged Sluice Valve with Cap PN 1.0, Size 80mm		ming to IS 14846 - 2	000, Sluice
	Net Total	123.000no	@6136.20/no	754752.60
			Heading Total(Rs)	102679784. 04
2	Supplying, Laying and commission	oning of Distril	bution- Working ch	arges
2.001	100.1.1	1677.877		.,
	sockets, and dressing of sides, ramn getting out the excavated soil, and the exceeding 20cm in depth, including watering, etc., and disposing of surp 50m, in all kinds of soil.	hen returning the consolidating e llus excavated s	e soil as required, in each deposited layer	layers not by ramming,
	Net Total	68631.600cu m	@579.88/cum	39798092.2 1
2.002	100.1.5			
	Excavating trenches of required width for pipes, cables, etc., including sockets, and dressing of sides, ramming of bottoms, depth up to 1.5m, getting out the excavated soil, and then returning the soil as required, in exceeding 20cm in depth, including consolidating each deposited layer watering, etc., and disposing of surplus excavated soil as directed, with m, in Ordinary Rock.			ncluding layers not by ramming,
	Net Total	13839.720cu m	@842.08/cum	11654151.4 2
2.003	100.2.3			
	Excavating trenches of required wid sockets, and dressing of sides, ramm getting out the excavated soil, and the exceeding 20cm in depth, including watering, etc., and disposing of surp 50m, in Medium Rock Requiring Bl	ning of bottoms then returning the consolidating e blus excavated s	, depth up to 1.5m, in the soil as required, in each deposited layer	ncluding layers not by ramming,
	Net Total	4613.240cum	@1043.15/cum	4812301.31
2.004	100.4.1			
	Excavating in hard rock for trenches	s by blasting for	r laying pipes and sta	cking useful

Sl No	Specification	Quantity	Rate	Amount	
	materials for measurements and disposing unserviceable materials within the initial lead of 50m and lift up to 1.50m (depth from 0.0m to 1.50m) and providing protection by earth filled cement bags during blasting to avoid damages to nearby structures (200 Nos. of earth filled cement bags for 10m3 of blasting)				
	Net Total	4613.240cum	@4094.08/cum	18886973.6 2	
2.005	100.8.1				
	Fencing one side of trenches, 1.50m tape in vertical casuarina pole (girth				
	Net Total	150000.000m etre	@28.84/metre	4326000.00	
2.006	100.14.5				
	Conveying and laying S&S Ce conforming to IS: 8329 excluding c Iron Class K-9 Pipes.	entrifugally Cast ost of pipes and	t (Spun) / Ductile Iro l specials: 300mm di	on Pipes ameter Ductile	
	Net Total	1584.000metr e	@214.16/metre	339229.44	
2.007	18.70.5	AGESTS.		-	
	Providing push - on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket:300 mm pipe				
	Net Total	300.000joint	@430.66/joint	129198.00	
2.008	18.30.7				
	Providing flanged joints to double f testing of joints:300 mm diameter p		pipes and specials,	including	
	Net Total	2.000no	@603.77/no	1207.54	
2.009	OD130856/2022-2023				
	Labour for cutting DI Pipe with stee		diameter DI Pipe	1	
	Net Total	12.000Each Cut	@671.63/Each Cut	8059.56	
2.010	100.35.5				
	Testing 300mm DI/CI pipeline with 300 mm dia	-		ressure.	
	Observed Data derived from item n		D DATA		
	Net Total	1584.000metr e	@57.78/metre	91523.52	
2.011	100.14.4				
	Conveying and laying S&S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS: 8329 excluding cost of pipes and specials: 250mm diameter Ductile Iron Class K-9 Pipes.				
	Net Total	6600.000metr e	@170.23/metre	1123518.00	

Sl No	Specification	Quantity	Rate	Amount	
2.012	18.70.4				
	Providing push - on-joints to Centri Pipes including testing of joints and pipes	fugally (Spun) (lincluding the c	Cast Iron Pipes or Ducost of rubber gasket:	ctile Iron 250 mm dia	
		1220.000joint	@329.85/joint	402417.00	
2.013	18.30.6				
	Providing flanged joints to double f testing of joints:250 mm diameter p		pipes and specials, in	ncluding	
	Net Total	4.000no	@595.56/no	2382.24	
2.014	OD130864/2022-2023				
	Labour for Cutting D I pipe with ste	eel saw.250 mm	diameter DI Pipe		
	Net Total	28.000Each Cut	@556.11/Each Cut	15571.08	
2.015	100.35.4	Oan.			
	Testing 250mm DI/CI pipeline with potable water to the required test pressure . 250 mm dia Observed Data derived from item no.1022 of PHED DATA				
	Net Total	6600.000metr	@53.00/metre	349800.00	
2.016	100.14.3				
	Conveying and laying S&S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS: 8329 excluding cost of pipes and specials: 200mm diameter Ductile Iron Class K-9 Pipes.				
	Net Total	2435.000metr e	@127.49/metre	310438.15	
2.017	18.70.3				
	Providing push - on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket:200 mm dia pipes				
	Net Total	455.000joint	@270.11/joint	122900.05	
2.018	18.30.5				
	Providing flanged joints to double f testing of joints:200 mm diameter p		pipes and specials, in	ncluding	
	Net Total	2.000no	@436.82/no	873.64	
2.019	OD130870/2022-2023				
	Labour for cutting D.I. pipe with ste	eel saw.200 mm	diameter D.I. pipe		
	Net Total	16.000Each Cut	@449.61/Each Cut	7193.76	
2.020	100.35.3				
	Testing 200mm DI/CI pipeline with 200 mm dia	potable water t	to the required test pr	essure	

Sl No	Specification	Quantity	Rate	Amount
	Observed Data derived from item n	o.1020 of PHEI	D DATA	
	Net Total	2435.000metr e	@41.66/metre	101442.10
2.021	100.14.2			
	Conveying and laying S&S Centrift to IS: 8329 excluding cost of pipes K-9 Pipes.			
	Net Total	6012.000metr e	@91.51/metre	550158.12
2.022	18.70.2			
	Providing push - on-joints to Centri Pipes including testing of joints and pipes			
	Net Total	1108.000joint	@184.10/joint	203982.80
2.023	18.30.4	M		
	Providing flanged joints to double f testing of joints:150 mm diameter p		pipes and specials, i	including
	Net Total	4.000no	@402.30/no	1609.20
2.024	OD130936/2022-2023			
	Labour for Cutting DI Pipe with ste	el saw 150 mm	diameter DI Pipe	
	Net Total	24.000Each Cut	@337.10/Each Cut	8090.40
2.025	100.35.2			
	Testing 150mm DI/CI pipeline with potable water to the required test pressure 150 mm dia Observed Data derived from item no.1018 of PHED DATA			
	Net Total	6012.000metr e	@32.86/metre	197554.32
2.026	100.14.1			
	Conveying and laying S& S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS: 8329 excluding cost of pipes and specials: 100mm diameter Ductile Iron Class K-9 Pipes.			
	Net Total	985.000metre	@61.40/metre	60479.00
2.027	18.70.1			
	Providing push - on-joints to Centri Pipes including testing of joints and pipes			
	Net Total	185.000joint	@112.62/joint	20834.70
2.028	18.30.2			
	Providing flanged joints to double f testing of joints: 100 mm diameter p		pipes and specials, i	including

Sl No	Specification	Quantity	Rate	Amount	
	Net Total	2.000no	@325.59/no	651.18	
2.029	OD135945/2022-2023				
	Labour for Cutting DI Pipe with ste	el saw 100 mm	diameter D I Pipe		
	Net Total	10.000Each Cut	@179.40/Each Cut	1794.00	
2.030	100.35.1				
	Testing 100mm DI/CI pipeline with 100 mm dia	potable water	to the required test pr	ressure	
	Net Total	985.000metre	@24.36/metre	23994.60	
2.031	100.10.1				
	Laying HDPE pipes (IS: 4984) on land portion including conveying within initial lead and aligning the pipes, electro-fusion welding using automatic or semi-automa electrofusion machines, testing the pipeline thus fabricated to suit the hydraulic working pressure and after testing, aligning the pipeline, lowering the pipe in positi into the trenches already made, testing the line to suitable pressure with potable was before back filling and levelling the trenches including all labour charge, hire for appliances etc., complete but excluding cost of pipe and fittings: 90mm Nominal Outer Diameter pipes.			emi-automatic ydraulic ipe in position potable water e, hire for	
	Net Total	153644.000m etre	@97.37/metre	14960316.2 8	
2.032	18.67.1				
	Providing and laying S & S C.I. Standard specials suitable for mechanical jointing as per IS 13382:Upto 300 mm dia				
	Net Total	13.350quintal	@14708.68/quint al	196360.88	
2.033	18.68.1				
	Providing and laying D.I specials of class K - 12 suitable for push - on jointing as per IS: 9523: Upt 600 mm dia				
	Net Total	140.940quinta 1	@21003.05/quint al	2960169.87	
2.034	100.32.4				
	Conveying and fixing C. I. Double Acting Air Valve of approved quality with nuts, rubber insertions etc., complete, but excluding the cost of air valve (tail pif required, will be paid separately): 80mm Double Acting Air Valve.				
	Net Total	10.000no	@229.21/no	2292.10	
2.035	100.32.3				
	Conveying and fixing C. I. Double nuts, rubber insertions etc., complet if required, will be paid separately):	e, but excluding	g the cost of air valve	y with bolts, e (tail pieces,	
	Net Total	10.000no	@229.21/no	2292.10	
2.036	100.32.2				
	Conveying and fixing C. I. Single A	Acting Air Valve	e of approved quality	with bolts,	

Sl No	Specification	Quantity	Rate	Amount	
	nuts, rubber insertions etc., complet if required, will be paid separately):	e, but excluding 40mm Single A	g the cost of air valve Acting Air Valve.	e (tail pieces,	
	Net Total	20.000no	@184.44/no	3688.80	
2.037	100.32.1				
	Conveying and fixing C. I. Single Acting Air Valve of approved quality with bolts, nuts, rubber insertions etc., complete, but excluding the cost of air valve (tail pieces, if required, will be paid separately): 25mm Single Acting Air Valve.				
	Net Total	298.000no	@146.63/no	43695.74	
2.038	100.31.1.7				
	Conveying and fixing C.I. sluice valus insertions etc., complete, but exclud will be paid separately): 300mm dia	ling the cost of			
	Net Total	4.000no	@2708.08/no	10832.32	
2.039	100.31.1.6				
	Conveying and fixing C.I. sluice valusertions etc., complete, but exclud will be paid separately): 250mm dia	ling the cost of			
	Net Total	1.000no	@2304.80/no	2304.80	
2.040	100.31.1.5				
	Conveying and fixing C.I. sluice vainsertions etc., complete, but exclud will be paid separately): 200mm dia	ling the cost of			
	Net Total	4.000no	@1625.85/no	6503.40	
2.041	100.31.1.4				
	Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 150mm diameter, Class I.				
	Net Total	3.000no	@1253.32/no	3759.96	
2.042	100.31.1.2				
	Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 100mm diameter, Class I.				
	Net Total	1.000no	@925.37/no	925.37	
2.043	100.31.1.1				
	Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 80mm diameter, Class I.				
	Net Total	123.000no	@613.80/no	75497.40	
2.044	18.12.8				
	Providing and fixing G.I. pipes comrefilling etc. External work80 mm d			nching and	

Sl No	Specification	Quantity	Rate	Amount
	Net Total	21200.000met re	@1064.49/metre	22567188.0 0
2.045	2.6.1			
	Earth work in excavation by mecha over areas (exceeding 30 cm in dep including disposal of excavated ear earth to be levelled and neatly dress	th, 1.5 m in wid th, lead up to 50	th as well as 10 sqm m and lift up to 1.5	on plan)
	Net Total	268.800cum	@223.41/cum	60052.61
2.046	4.1.3			
	Providing and laying in position cer cost of centering and shuttering - A sand (zone-III) : 4 graded stone agg	ll work up to pl	inth level:1:2:4 (cem	
	Net Total	17.920cum	@8340.91/cum	149469.11
2.047	5.1.3			
	Providing and laying in position specked excluding the cost of centering, shu to plinth level:1:2:4 (1 cement: 2 comminal size)	ttering, finishin	g and reinforcement	- All work up
	Net Total	56.875cum	@8964.75/cum	509870.16
2.048	5.1.2			
	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size			
	Net Total	150.500cum	@9483.13/cum	1427211.07
2.049	5.9.2			
	Centering and shuttering including strutting, etc. and removal of form for:Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc.			
	Net Total	1115.000sqm	@748.62/sqm	834711.30
2.050	5.9.3			
	Centering and shuttering including floors, roofs, landings, balconies an			or:Suspended
	Net Total	210.000sqm	@851.49/sqm	178812.90
2.051	5.22.6			
	Steel reinforcement for R.C.C work in position and binding all complete bars of grade Fe-500D or more			
	Net Total	14611.100kil ogram	@102.61/kilogra m	1499244.97
2.052	100.37.5.1			
	In situ fabrication of M.S. pipes of including cost and conveyance char			

Sl No	Specification	Quantity	Rate	Amount	
	of painting the steel work with two even shade over an under-coat of pr			aint to give an	
	Net Total	10.000metre	@4182.35/metre	41823.50	
2.053	100.37.5.2				
	Fabricating M.S. flanges of diameter 100mm using 12mm thick M.S. plate including cost and conveyance charges of M.S. plate, all fabrication charges, charges of painting the steel work with two or more coat deluxe multi surface paint to give an even shade over an under-coat of primer etc., complete: For pipes fabricated with 8mm thick M.S. plates.				
	Net Total	4.000no	@1161.73/no	4646.92	
2.054	100.37.5.3				
	Cutting 100mm (I.D.) M.S. pipes for including cost of gas, all labour and fabricated with 8mm thick M.S. pla	hire charges of	s and other specials be tools etc., complete	y gas cutting : For pipes	
	Net Total	6.000no	@119.81/no	718.86	
2.055	100.37.5.4				
	Welding 100mm (I.D.) M.S. pipes if welding machine including cost of gof tools etc., complete: For pipes fa	gas and welding	g rods, all labour and	hire charges	
	Net Total	6.000no	@452.90/no	2717.40	
2.056	100.37.5.5	FORM FOR THE	MANAGEMENT		
	Grinding cut and weld edges of 100 including all labour and hire charge 8mm thick M.S. plates.				
	Net Total	12.000no	@85.07/no	1020.84	
2.057	100.37.6.1				
	In situ fabrication of M.S. pipes of size 150mm (I.D.) using 8mm thick M.S. plate including cost and conveyance charges of M.S. plate, all fabrication charges, charges of painting the steel work with two or more coat deluxe multi surface paint to give an even shade over an under-coat of primer etc., complete.				
	Net Total	35.000metre	@5174.49/metre	181107.15	
2.058	100.37.6.2				
	Fabricating M.S. flanges of diameter 150mm using 12mm thick M.S. plate including cost and conveyance charges of M.S. plate, all fabrication charges, charges of painting the steel work with two or more coat deluxe multi surface paint to give an even shade over an under-coat of primer etc., complete: For pipes fabricated with 8mm thick M.S. plates.				
	Net Total	8.000no	@1544.03/no	12352.24	
2.059	100.37.6.3				
	Cutting 150mm (I.D.) M.S. pipes for including cost of gas, all labour and fabricated with 8mm thick M.S. pla	hire charges of			
	Net Total	16.000no	@171.45/no	2743.20	

Sl No	Specification	Quantity	Rate	Amount	
2.060	100.37.6.4				
	Welding 150mm (I.D.) M.S. pipes f welding machine including cost of g of tools etc., complete: For pipes fal	gas and welding	grods, all labour and	hire charges	
	Net Total	16.000no	@648.09/no	10369.44	
2.061	100.37.6.5				
	Grinding cut and weld edges of 150mm (I.D.) M.S. pipes during fabrication wincluding all labour and hire charges of tools etc., complete: For pipes fabricate 8mm thick M.S. plates.				
	Net Total	32.000no	@121.73/no	3895.36	
2.062	100.37.7.1				
	In situ fabrication of M.S. pipes of sincluding cost and conveyance char of painting the steel work with two even shade over an under-coat of pr	ges of M.S. pla or more coat de	te, all fabrication cha luxe multi surface pa	arges, charges	
	Net Total	15.000metre	@6165.53/metre	92482.95	
2.063	100.37.7.2	1678700			
	Fabricating M.S. flanges of diameter cost and conveyance charges of M.S. painting the steel work with two or even shade over an under-coat of program thick M.S. plates.	S. plate, all fabr more coat delux imer etc., comp	ication charges, char ke multi surface pain blete: For pipes fabric	ges of t to give an cated with	
	Net Total	4.000no	@2081.10/no	8324.40	
2.064	Cutting 200mm (I.D.) M.S. pipes for including cost of gas, all labour and fabricated with 8mm thick M.S. pla	hire charges of			
	Net Total	8.000no	@223.11/no	1784.88	
2.065	100.37.7.4				
	Welding 200mm (I.D.) M.S. pipes for making bends and other specials by gas/electric welding machine including cost of gas and welding rods, all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.				
	Net Total	8.000no	@843.32/no	6746.56	
2.066	100.37.7.5				
	Grinding cut and weld edges of 200mm (I.D.) M.S. pipes during fabrication work including all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.				
	Net Total	16.000no	@158.40/no	2534.40	
2.067	100.37.8.1				
	In situ fabrication of M.S. pipes of size 250mm (I.D.) using 8mm thick M.S. plate including cost and conveyance charges of M.S. plate, all fabrication charges, charges of painting the steel work with two or more coat deluxe multi surface paint to give an even shade over an under-coat of primer etc., complete.				

Sl No	Specification	Quantity	Rate	Amount
	Net Total	35.000metre	@7163.12/metre	250709.20
2.068	100.37.8.2			
	Fabricating M.S. flanges of diamete cost and conveyance charges of M.S painting the steel work with two or even shade over an under-coat of problem thick M.S. plates.	S. plate, all fabr more coat delux	ication charges, char se multi surface pain	ges of t to give an
	Net Total	8.000no	@2555.47/no	20443.76
2.069	100.37.8.3			
	Cutting 250mm (I.D.) M.S. pipes fo including cost of gas, all labour and fabricated with 8mm thick M.S. plat	hire charges of		
	Net Total	8.000no	@274.74/no	2197.92
2.070	100.37.8.4			
	Welding 250mm (I.D.) M.S. pipes f welding machine including cost of g of tools etc., complete: For pipes fal	gas and welding	grods, all labour and	hire charges
	Net Total	8.000no	@1038.53/no	8308.24
2.071	100.37.8.5	<b>3</b> -11		
	Grinding cut and weld edges of 250mm (I.D.) M.S. pipes during fabrication work including all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.			
	Net Total	16.000no	@195.07/no	3121.12
2.072	100.37.9.1			
	In situ fabrication of M.S. pipes of sincluding cost and conveyance chargof painting the steel work with two even shade over an under-coat of pro-	ges of M.S. plat or more coat de	te, all fabrication cha luxe multi surface pa	rges, charges
	Net Total	20.000metre	@8154.17/metre	163083.40
2.073	100.37.9.2			
	Fabricating M.S. flanges of diamete cost and conveyance charges of M.S painting the steel work with two or even shade over an under-coat of problem thick M.S. plates.	S. plate, all fabr more coat delux	ication charges, char se multi surface pain	ges of t to give an
	Net Total	4.000no	@3012.19/no	12048.76
2.074	100.37.9.3			
	Cutting 300mm (I.D.) M.S. pipes fo including cost of gas, all labour and fabricated with 8mm thick M.S. plat	hire charges of	and other specials be tools etc., complete	y gas cutting : For pipes
	Net Total	8.000no	@326.40/no	2611.20

Sl No	Specification	Quantity	Rate	Amount	
	Welding 300mm (I.D.) M.S. pipes for making bends and other specials by gas/electric welding machine including cost of gas and welding rods, all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.				
	Net Total	8.000no	@1233.75/no	9870.00	
2.076	100.37.9.5				
	Grinding cut and weld edges of 300mm (I.D.) M.S. pipes during fabrication work including all labour and hire charges of tools etc., complete: For pipes fabricated with 8mm thick M.S. plates.				
	Net Total	16.000no	@231.74/no	3707.84	
2.077	100.59.1				
	Cutting the bituminous / concrete ro 200mm along the sides of proposed any damage to other utilities, include and plant, cost of consumables and caution boards, traffic diversion, an complete, before carrying out the de- mechanical means and carrying out	alignment of the ling the charges charges for light das per the direction of bits	ne pipe to be laid with for hire and conveyating, watching, ribboaction of departmenta	hout causing ance of tools on fencing, al officers etc.	
	Net Total	6800.000metr e	@31.77/metre	216036.00	
2.078	15.59	3-11			
	Dismantling of flexible pavement (disposal of dismantled material up t Engineer-in-charge.	o a lead of 1 kil			
	Net Total	960.000cum	@394.70/cum	378912.00	
2.079	15.2.2				
	Demolishing cement concrete manumaterial within 50 metres lead as peconcrete 1:4:8 leaner mix (including	er direction of E	ingineer - in-Charge.		
	Net Total	180.000cum	@1318.13/cum	237263.40	
2.080	16.83				
	Taking out existing CC interlocking including removal of rubbish etc., d ground, for which payment shall be material within 50 metre lead as per	isposal of unser made separatel direction of Er	viceable material to y and stacking of ser ngineer-in-Charge.	the dumping viceable	
2.001	Net Total	900.000sqm	@115.55/sqm	103995.00	
2.081	16.84	.l.i.a a 1. 1	also of ones decises / 1	مناها المساه	
	Laying old cement concrete interloc required line, level, curvature, color compacted bed of coarse sand, filling the direction of Engineer-in-charge. department free of cost.)	ar and pattern or ng the joints wit	ver and including 50 h fine sand etc. all co	mm thick omplete as per	
	Net Total	720.000sqm	@398.31/sqm	286783.20	
2.082	16.68				

Sl No	Specification	Quantity	Rate	Amount	
	Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M - 30 grade made by block making machine with strong vibratory compaction, of approved size, design & Damper and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.				
	Net Total	180.000sqm	@1055.86/sqm	190054.80	
			Heading Total(Rs)	131310034. 04	
3	Providing FHTCs				
3.001	100.60.13.4.2				
	Providing 15mm (1/2 inch) house can AC / GI mains up to 125 mm dia., and Pipe, PE80, PN16, Conforming to I Compression / GM / Brass specials way wheel valve, bend, MTA, FTA etc. and connecting with the mains, trenching and refilling in all kinds of and trench of average cross section service pipe, fixing water meter, lig control etc. complete including cost and labour charges, including the commark and weather resistant PP / PE 150mm, but excluding charges for cand as per the direction of the depart	p to a length of S 4984: 2016 or viz. brass ferrul, couplers, GI / testing the joint of soil up to a de 0.3m x 0.75m for thing, watching of materials, his of tested Cla meter box of meters because the control of the co	5 5m using 20mm (1.5 r later edition and PP le, brass hexagonal n MS Service Saddle of the set. complete includent of 1.50m for major laying connection, providing caution befor tools, cost of of the set. B Multijet water r inimum size 300mm rete / tarred / bitumin	/2 inch ) PE PN 16 ipple, GM full of suitable size ading in line tracing pipe and coards, traffic consumables meter with ISI ax 200mm x nous roads etc,	
	Net Total	435.000no	@7250.47/no	3153954.45	
3.002	Providing 20mm (3/4 inch) house c AC / GI mains up to 125 mm dia., to Pipe, PE80, PN16, Conforming to I Compression / GM / Brass specials way wheel valve, bend, MTA, FTA etc. and connecting with the mains, trenching and refilling in all kinds of and trench of average cross section service pipe, fixing water meter, lig control etc. complete including cost and labour charges, including the comark and weather resistant PP / PE 150mm, but excluding charges for conditional and as per the direction of the depart	p to a length of S 4984: 2016 or viz. brass ferrul, couplers, GI / testing the joint of soil up to a de 0.3m x 0.75m for thing, watching of materials, his of tested Cla meter box of meter the concept of the soil up to a decent of the soil up to a length of the soi	f 5 m using 25mm (3 r later edition and PP le, brass hexagonal n MS Service Saddle of the set. complete includent of 1.50m for major laying connection, providing caution by the for tools, cost of of the set. B Multijet water r inimum size 300mm rete / tarred / bitumin	8/4 inch ) PE PN 16 cipple, GM full of suitable size ading in line tracing pipe and coards, traffic consumables meter with ISI x 200mm x	
2,002		515.000110	@ 0133.73/IIU	T100704.23	
3.003	Providing 15mm (1/2 inch) house c PVC / HDPE mains up to 110 mm of PE Pipe, PE80, PN16, Conforming Compression / GM / Brass specials way wheel valve, bend, MTA, FTA etc. and connecting with the mains,	lia., up to a leng to IS 4984: 201 viz. brass ferrul , couplers, PVC	gth of 5m using 20m 6 or later edition and le, brass hexagonal n C Service Saddle of s	m (1/2 inch) I PP PN 16 ipple, GM full uitable size	

Sl No	Specification	Quantity	Rate	Amount	
	trenching and refilling in all kinds of soil up to a depth of 1.50m for main line tracing and trench of average cross section 0.3m x 0.75m for laying connection pipe and service pipe, fixing water meter, lighting, watching, providing caution boards, traffic control etc. complete including cost of materials, hire for tools, cost of consumables and labour charges, including the cost of tested Class B Multijet water meter with ISI mark and weather resistant PP / PE meter box of minimum size 300mm x 200mm x 150mm, but excluding charges for cutting the concrete / tarred / bituminous roads etc, and as per the direction of the departmental officers.				
	Net Total	1150.000no	@7137.54/no	8208171.00	
3.004	100.60.13.3.2				
	Providing 20mm (3/4 inch) house copy PVC / HDPE mains up to 110 mm of PE Pipe, PE80, PN16, Conforming Compression / GM / Brass specials way wheel valve, bend, MTA, FTA etc. and connecting with the mains, trenching and refilling in all kinds of and trench of average cross section service pipe, fixing water meter, light control etc. complete including cost and labour charges, including the coweather with ISI mark resistant PP x 150mm, but excluding charges for etc, and as per the direction of the	dia., up to a lengto IS 4984: 201 viz. brass ferrul, couplers, PVC testing the join of soil up to a de 0.3m x 0.75m f hting, watching of materials, hist of tested Class / PE meter box r cutting the corepartmental off	gth of 5m using 25m 6 or later edition and le, brass hexagonal not be structured by the structure of 1.50m for matter than 1.50m for matter for tools, cost of costs B Multijet water most minimum size 300 merete / tarred / bitum	m (3/4 inch) I PP PN 16 iipple, GM full uitable size uding in line tracing pipe and boards, traffic consumables neter and Omm x 200mm	
	Net Total	1204.000no	@8021.00/no	9657284.00	
3.005	Providing 15mm (1/2 inch) house concluding 15mm (1/2 inch) house c	a length of 5 m at 2016 or later viz. brass ferrul, couplers etc. a ading trenching acing and trenched service pipe, traffic control sumables and lawith ISI mark at mm x 150mm,	using 20mm (1/2 incredition and PP PN 1 le, brass hexagonal nand connecting with the and refilling in all king of average cross sensitiving water meter, letc. complete includation charges, includand weather resistant but excluding charges	ch ) PE Pipe, .6 hipple, GM full the mains, inds of soil up ction 0.3m x lighting, ing cost of ling the cost of .2 PP / PE meter es for cutting	
	Net Total	150.000no	@8321.22/no	1248183.00	
3.006	Providing 20mm (3/4 inch) house concluded CI mains up to 125 mm dia., up to a PE80, PN16, Conforming to IS 498. Compression / GM / Brass specials way wheel valve, bend, MTA, FTA testing the joints etc. complete included a depth of 1.50m for main line transfer.	a length of 5 m was 2016 or later viz. brass ferrula, couplers etc. a adding trenching	using 25mm (3/4 incredition and PP PN 1 le, brass hexagonal nand connecting with tand refilling in all ki	ch ) PE Pipe, 6 hipple, GM full the mains, inds of soil up	

Sl No	Specification	Quantity	Rate	Amount	
	0.75m for laying connection pipe and service pipe, fixing water meter, lighting, watching, providing caution boards, traffic control etc. complete including cost of materials, hire for tools, cost of consumables and labour charges, including the cost of tested Class B Multijet water meter with ISI mark and weather resistant PP / PE meter box of minimum size 300mm x 200mm x 150mm, but excluding charges for cutting the concrete / tarred / bituminous roads etc, and as per the direction of the departmental officers				
	Net Total	165.000no	@9204.69/no	1518773.85	
3.007	100.60.14.7.2				
	Providing 15mm (1/2 inch) house c CI mains from 150mm to 200mm d PE Pipe, PE80, PN16, Conforming Compression / GM / Brass specials way wheel valve, bend, MTA, FTA testing the joints etc. complete incluto a depth of 1.50m for main line tra 0.75m for laying connection pipe ar watching, providing caution boards materials, hire for tools, cost of contested Class B Multijet water meter box of minimum size 300mm x 200 the concrete / tarred / bituminous rodepartmental officers.	ia., up to a leng to IS 4984: 201 viz. brass ferru , couplers etc. a ding trenching acing and trench nd service pipe, , traffic control sumables and la with ISI mark a mm x 150mm,	th of 5 m using 20mm 6 or later edition and le, brass hexagonal mand connecting with the and refilling in all kinds of average cross sentixing water meter, letc. complete includation charges, includant weather resistant but excluding charge	m (1/2 inch) I PP PN 16 ipple, GM full the mains, inds of soil up ction 0.3m x lighting, ing cost of ling the cost of PP / PE meter es for cutting	
	Net Total	72.000no	@8624.50/no	620964.00	
3.008	Providing 20mm (3/4 inch) house c CI mains from 150mm to 200mm d PE Pipe, PE80, PN16, Conforming Compression / GM / Brass specials way wheel valve, bend, MTA, FTA testing the joints etc. complete incluto a depth of 1.50m for main line tra 0.75m for laying connection pipe ar watching, providing caution boards materials, hire for tools, cost of con tested Class B Multijet water meter box of minimum size 300mm x 200 the concrete / tarred / bituminous rodepartmental officers.  Net Total	ia., up to a leng to IS 4984: 201 viz. brass ferru , couplers etc. a dding trenching acing and trench ad service pipe, , traffic control sumables and la with ISI mark a mm x 150mm,	th of 5 m using 25m; 6 or later edition and le, brass hexagonal mand connecting with the and refilling in all kinds are all the edges of average cross sensiting water meter, letc. complete includation charges, include and weather resistant but excluding charge per the direction of the edges	m (3/4 inch) I PP PN 16 ipple, GM full the mains, inds of soil up ction 0.3m x lighting, ing cost of ling the cost of PP / PE meter es for cutting	
3.009	100.60.21.1.1				
	Providing 15mm (1/2 inch) GM A water connection, using 20mm (1/2 4984: 2016 or later edition and PP I materials, consumables, hire for too directions of the department officer	inch) PE Pipe PN 16 Compres ls and labour cl	e, PE80, PN16, Confo sion specials including	orming to IS ng cost of	
	Net Total	1807.000no	@996.49/no	1800657.43	
3.010	100.60.21.2.1				

Sl No	Specification	Quantity	Rate	Amount	
	Providing 20mm (3/4 inch) GM Air Valve in the water meter assembly for 20mm water connection, using 25mm (3/4 inch) PE Pipe, PE80, PN16, Conforming to IS 4984: 2016 or later edition and PP PN 16 Compression specials including cost of materials, consumables, hire for tools and labour charges etc. complete and as per the directions of the department officers.				
	Net Total	1992.000no	@1252.94/no	2495856.48	
3.011	100.60.23.3.1				
	Providing 15mm PVC Tap in the way connection, using 20mm (1/2 inch) specials and PP PN 16 Compression consumables, hire charges for tools direction of departmental officers.	) Indian Standar r specials includ	rd uPVC Class 6 pipeling cost of materials	es, uPVC	
	Net Total	1807.000no	@683.67/no	1235391.69	
3.012	100.60.23.4.1				
	Providing 15mm PVC Tap in the water meter assembly for 20mm (3/4 inch) water connection, using 25mm (3/4 inch) Indian Standard Class 6 uPVC pipes, uPVC specials and PP PN 16 Compression specials including cost of materials, consumables, hire charges for tools and labour charges etc. complete and as per the direction of departmental officers.				
	Net Total	199 <mark>2.</mark> 000no	@785.68/no	1565074.56	
3.013	100.60.15.1.2		_⊑_		
	Providing additional length of house connection pipe using 20mm (1/2 inch) PE Pipe, PE80, PN16, Conforming to IS 4984: 2016 or later edition and PN16 specials and testing the joints etc., by trenching and refilling in all kinds of soil with trench of average cross section 0.3m x 0.75m for laying of connection pipe and service pipe, lighting, watching, providing caution boards, traffic control etc., hire for tools, cost of consumables and labour charges etc. complete, but excluding the cost of cutting of concrete / tarred / bituminous roads, and excluding cost of materials etc., and as per the directions of the department officers.				
	Net Total	43368.000met re	@155.06/metre	6724642.08	
3.014	100.60.15.2.1				
	Providing additional length of house connection pipe using 25 mm (3/4 inch) PE Pipe, PE80, PN16, Conforming to IS 4984: 2016 or later edition and PN 16 specials and testing the joints etc., by trenching and refilling in all kinds of soil with trench of average cross section 0.3m x 0.75m for laying of connection pipe and service pipe, lighting, watching, providing caution boards, traffic control etc., including cost of materials, hire for tools, cost of consumables and labour charges etc. complete, but excluding the cost of cutting of concrete / tarred / bituminous roads etc., and as per the directions of the department officers.				
	Net Total	95616.000met re	@195.27/metre	18670936.3 2	
3.015	15.2.1				
	Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in-Charge.Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)				

Sl No	Specification	Quantity	Rate	Amount		
	Net Total	141.750cum	@2134.74/cum	302599.40		
3.016	100.59.1					
	Cutting the bituminous / concrete roads with cutting machine for a minimum depth of 200mm along the sides of proposed alignment of the pipe to be laid without causing any damage to other utilities, including the charges for hire and conveyance of tools and plant, cost of consumables and charges for lighting, watching, ribbon fencing, caution boards, traffic diversion, and as per the direction of departmental officers etc. complete, before carrying out the demolition of bituminous / concrete road by mechanical means and carrying out the excavation.					
	Net Total	3000.000metr e	@31.77/metre	95310.00		
3.017	15.59					
	Dismantling of flexible pavement (disposal of dismantled material up tengineer-in-charge.					
	Net Total	360.000cum	@394.70/cum	142092.00		
	4	16041	Heading Total(Rs)	62655736.3 5		
4	Road restoration charges PWD/S	H/NH				
4.001	3.6					
	Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m					
	Net Total	5362.000cum	@48.79/cum	261611.98		
4.002	4.2.A.1					
	Construction of granular sub-base by providing graded material, spreading in uniform layers with a motor grader on a prepared surface, mixing by mix in-place method with rotavator at OMC, and compacting with a vibratory roller to achieve the desired density, complete as per clause 401. Grading-III -For lower sub-base - Mix in Place Method					
	Net Total	4346.000cum	@3283.03/cum	14268048.3 8		
4.003	4.12					
	Providing, laying, spreading and compacting graded stone aggregate to Wet Mix Macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.					
	Net Total	816.000cum	@3375.91/cum	2754742.56		
4.004	5.1.a  Providing and applying primer coat of granular Base including clearing 0.70 - 1.0 kg/sqm using mechanical	of road surface				

Sl No	Specification	Quantity	Rate	Amount	
	Net Total	7800.000sqm	@73.49/sqm	573222.00	
4.005	5.2.b				
	Providing and applying tack coat with bitumen emulsion (RS) using emulsion pressure distributor at the rate of 0.25 - 0.30 kg per sqm on the prepared Granular Surface cleaned with mechanical broom.				
	Net Total	7800.000sqm	@14.49/sqm	113022.00	
4.006	5.3.2.a				
	Providing and laying bituminous man average output of 75 tonnes per layer premixed with a bituminous binder previously prepared surface with paralignment and rolled as per clauses compaction For Grading II - (19 mr	nour using crush (VG 30), transporter to to 501.6 and 501.7	ned aggregates of spoorted to the site, laid he required grade, le	ecified grading l over a vel, and	
	Net Total	150.000cum	@8758.31/cum	1313746.50	
4.007	5.2.a				
	Providing and applying tack coat was pressure distributor at the rate of 0.2 surface cleaned with mechanical broads.	20 - 0.30 kg per			
	Net Total	3 <mark>000.0</mark> 00sqm	@11.95/sqm	35850.00	
4.008	5.6.2.a				
	Providing and laying bituminous concrete with 80-100 TPH hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with a bituminous binder( NRMB) @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level, and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects For Grading - II (13.2 mm Nominal Size)				
	Net Total	90.000cum	@13387.00/cum	1204830.00	
4.009	5.7.1				
	Providing, laying and rolling of clost thickness composed of 11.2 mm to grade bitumen (VG - 30) to the requirement course on a previously prepared bas appropriate capacity not less than 75 wheeled roller 8-10 tonne capacity,  Net Total	0.09 mm (Type uired line, grade e, including mins tonnes/hour., 1	<ul> <li>A) aggregates using e, and level to serve xing in a suitable HM laying and rolling wi</li> </ul>	viscosity as wearing AP of th a Smooth	
4.010	5.8.a	222.20024	y == ====		
1.010	Providing and laying surface dressin stone aggregates of specified size of prepared surface and rolling with 8-19 mm nominal chipping size	n a layer of bitu	minous binder (VG	30) laid on the	
	Net Total	4800.000sqm	@113.75/sqm	546000.00	
4.011	12.4				

Sl No	Specification	Quantity	Rate	Amount	
	Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.				
	Net Total	100.000cum	@6718.30/cum	671830.00	
4.012	12.8.B.1				
	Plain/Reinforced Cement Concrete Technical Specifications 			Drawing and	
	Net Total	50.000cum	@8377.76/cum	418888.00	
			Heading Total(Rs)	23178863.4 2	
5	Road restoration charges LSGD				
5.001	3.5.3				
	Excavation in Soil using Hydraulic Excavation for roadwork bucket capacity including cutting an slopes, in accordance with requirem transporting to the embankment local specification Claus	t in soil with hy nd loading in tip ents of lines, gr ation with a lift	draulic excavator of opers, trimming botto rades and cross-section	0.9 cum om and side ons, and	
	Net Total	1245.000cum	@37.83/cum	47098.35	
5.002	4.1.A.1  Granular Sub-base with Well Graded Material (Table 400.1) (A) By Mix in Place Method Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. (i) For Grading I Material				
	Net Total	660.000cum	@3094.44/cum	2042330.40	
5.003	4.9				
	Wet Mix Macadam Provisione aggregate to wet mix macadar with water at OMC in mechanical nutipper to site, laying in uniform layer base and compacting with smooth with desired density including lighting, but per Tables 400.11 & Desired Home, but and the site of the state of the st	n specification nixer (Pug Mill) ers in sub-base/b wheel roller of 8 arricading and d Technical Sp	including premixing of mixed to base course on a well to 100kN weight to maintenance of diverse.	the material material by prepared sub- o achieve the rsion, etc as	
	Net Total	360.000cum	@3459.12/cum	1245283.20	
5.004	5.1.1a				
	Prime Coat:- Low porosity <br&bitumen (ss-1)="" and="" as="" at="" emulsion="" means="" on="" per="" prepare="" primer="" road="" specification<="" spraying="" surface="" td="" technical=""><td>ed surface of gr the rate of 0.70</td><td>anular base including</td><td>g cleaning of</td></br&bitumen>	ed surface of gr the rate of 0.70	anular base including	g cleaning of	
	Net Total	3000.000sqm	@88.50/sqm	265500.00	
5.005	5.2.3a				

Sl No	Specification	Quantity	Rate	Amount	
	Tack Coat Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surfaces treated with primer & per technical Specification Clause 503.				
	Net Total	3000.000sqm	@16.11/sqm	48330.00	
5.006	5.9.1.2a				
	20mm thick Open-Graded Premix Carpet using Bituminous (penetration grade/modified bitumen) Binder - Bitumen S-65 Providing, laying and rolling of open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or emulsion to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 80-100 kN static roller capacity, finished to required level and grades to be followed by seal coat of either Type A or Type B or Type C as per Technical Specification Clause 508. Case - I By Manual Means (II) Bitumen (S-65)				
	Net Total	3000.000sqm	@206.69/sqm	620070.00	
5.007	5.12.A.3.2a				
	Seal Coat - Manual Means - Type C - Bitumen S-65 Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A, Type B and Type C as per Technical Specification Clause 510 A. By Manual Means :- Case - III : Type C (II) Bitumen (S-65)				
	Net Total	3000.000sqm	@87.63/sqm	262890.00	
5.008	Providing concrete for plain/reinfor drawings and technical specification 1203 III. P.C.C. grade M	ns Clause 802, 8	803, 1202 & amp;	mplete as per	
	Net Total	225.000cum	@8633.95/cum	1942638.75	
			<b>Heading Total(Rs)</b>	6474140.70	
		Tot	al Estimation PAC	326298558.5 5	
Sl No	Description		Percentage/LS	Amount	
6	Lumsum Heading				
6.001	Water connection charges (KWA)				
0.001		null	null%	3256405.00	
		Tota	l Lumsum Amount	3256405.00	
7	Extra Charges				
Provision for GST					
6.001		326298558.55	18.00%	58733740.5 4	
			<b>Grand Total</b>	388288704. 09	

Sl No	Specification	Quantity	Rate	Amount	
			Round off	1295.91	
			Rounded Total(Rs)	388290000.0 0	
	Rupees Thirty Eight Crore Eighty Two Lakh Ninety Thousand				

