

PEKERJAAN PERSIAPAN PAKET 3

Proyek : Pembangunan SPAM Regional Kota Medan-Paket 3

TA : 2023

NO	URAIAN PEKERJAAN	SAT.	VOLUME	HARGA (Rp)	HARGA SATUAN (Rp)	JUMLAH (Rp)
I	PEKERJAAN PERSIAPAN					
1.1.	Mobilisasi Demobilisasi	Ls	1,00	50.000.000,00	50.000.000,00	50.000.000,00
1.2.	Pekerjaan Sewa Kantor	Bulan	6,00	5.000.000,00	30.000.000,00	30.000.000,00
1.3.	Pekerjaan Pembuatan Gudang	M2	45,00	1.966.474,47	88.491.350,97	88.491.350,97
1.4.	Pekerjaan Sewa Lahan Untuk Gudang & Per	M2	100,00	2.800.000,00	280.000.000,00	280.000.000,00
	Sub Total -I					448.491.350,97
II	PELAPORAN DAN DOKUMENTASI					
1,1	Pelaporan					
	Laporan Mingguan	Unit	24,00	145.000,00	3.480.000,00	3.480.000,00
	Laporan Bulanan	Unit	6,00	350.000,00	2.100.000,00	2.100.000,00
	As-built Drawing	Unit	1,00	7.250.000,00	7.250.000,00	7.250.000,00
1.2.	Dokumentasi					
	Foto Dokumentasi	Bh	1,00	1.450.000,00	1.000.000,00	1.450.000,00
	Sub Total -II					14.280.000,00
	TOTAL					462.771.350,97

PEKERJAAN JARINGAN PIPA DISTRIBUSI UTAMA PAKET 3

Proyek : Pembangunan SPAM Regional Kota Medan-Paket 3

TA : 2023

NO	URAIAN PEKERJAAN	SAT.	VOLUME	HARGA SATUAN (Rp)	JUMLAH HARGA (Rp)
I	PENGADAAN PIPA DAN ACCESSORIES				
1.1	Pengadaan Pipa Cement Linning				
	Pipa Steel - CTE.CL Ø 800 mm	M	1.836,00	6.500.000,00	11.934.000.000,00
	Pipa Steel - CTE.CL Ø 700 mm	M	1.182,00	6.120.000,00	7.233.840.000,00
	Pipa Steel - CTE.CL Ø 600 mm	M	918,00	5.785.000,00	5.310.630.000,00
	Pipa HDPE SDR11, PN-10 Ø 500 mm	M	2.412,00	4.650.000,00	11.215.800.000,00
	Pipa HDPE SDR11, PN-10 Ø 400 mm	M	462,00	2.600.000,00	1.201.200.000,00
1.2.	Pengadaan Accessories				
	All Flange Elbow 45° CI Ø 800 mm	Bh	2,00	6.500.000,00	13.000.000,00
	Elbow 90° HDPE Ø 500 mm	Bh	1,00	6.900.000,00	6.900.000,00
	Elbow 90° HDPE Ø 400 mm	Bh	3,00	5.775.785,00	17.327.355,00
	Elbow 45° HDPE Ø 400 mm	Bh	1,00	3.442.735,00	3.442.735,00
	Sub Total - I				36.908.470.000,00
II	PEMASANGAN PIPA DAN ACCESSORIES				
2.1.	Pemas. Pipa Baja Ø 800 mm pada Jalan Asphalt	M'	1.836,00	1.377.542,75	2.529.168.481,72
	Pembongkaran Jalan Asphalt	M3	349,80	882.865,50	308.826.351,90
	Galian Tanah Keras	M3	3.616,40	149.039,00	538.984.639,60
	Pekerjaan Turap	M1	699,60	850.000,00	594.660.000,00
	Urugan Tanah Kembali	M3	1.560,60	15.107,96	23.577.479,43
	Buangan Sisa Tanah	M3	2.845,80	23.200,08	66.022.796,73
	Urugan Pilihan	M³	251,70	341.275,00	85.898.917,50
	Lapis Pondasi Agregat Kelas A	M³	697,90	576.603,34	402.411.467,90
	Lapis Resap Pengikat - Aspal Cair (Emulsi)	Liter	3.672,00	15.031,00	55.193.842,34
	Laston Lapis Aus (AC - WC)	Ton	422,28	2.028.845,50	856.740.878,06
2.2.	Pemas. Pipa Baja Ø 700 mm pada Jalan Hotmix	M'	1.129,00	1.377.542,75	
	Bongkaran Aspal	M3	211,69	882.865,50	186.891.590,53
	Galian Tanah Keras	M3	1.439,48	134.244,00	193.240.881,90
	Pekerjaan Turap	M1	395,15	850.000,00	335.877.500,00
	Urugan Tanah Kembali	M3	620,95	15.107,96	9.381.286,59
	Buangan Sisa Tanah	M3	818,53	23.200,08	18.989.848,09
	Rekondisi Jalan Aspal	M3	211,69	439.085,42	92.948.895,45
2.3.	Pemas. Pipa Baja Ø 600 mm pada Jalan Hotmix	M'	878,00	874.129,81	767.485.970,03
	Bongkaran Aspal	M3	153,65	882.865,50	135.652.284,08
	Galian Tanah Keras	M3	1.014,09	134.244,00	136.135.497,96
	Pekerjaan Turap	M1	263,40	850.000,00	223.890.000,00
	Urugan Tanah Kembali	M3	439,00	15.107,96	6.632.393,61
	Buangan Sisa Tanah	M3	575,09	23.200,08	13.342.135,84
	Rekondisi Jalan Aspal	M3	153,65	439.085,42	67.465.475,22
2.4.	Pemas. Pipa HDPE Ø 500 mm pada Jalan Hotmix	M'	2.302,00	175.858,10	404.825.346,20
	Penyambungan Pipa HDPE Ø 500 mm	M'	2.302,00	493.752,55	1.136.618.370,10
	Bongkaran Aspal	M3	374,08	882.865,50	330.257.911,91
	Galian Tanah Keras	M3	2.394,08	134.244,00	321.390.875,52
	Pekerjaan Turap	M1	575,50	850.000,00	489.175.000,00
	Urugan Tanah Kembali	M3	1.035,90	15.107,96	15.650.333,81
	Buangan Sisa Tanah	M3	1.358,18	23.200,08	31.509.888,98
	Rekondisi Jalan Aspal	M3	374,08	439.085,42	164.250.879,55
2.5.	Pemas. Pipa HDPE Ø 400 mm pada Jalan Hotmix	M'	442,00	113.415,50	50.129.651,00
	Penyambungan Pipa HDPE Ø 400 mm	M'	442,00	434.823,10	192.191.810,20
	Bongkaran Aspal	M3	66,30	882.865,50	58.533.982,65

NO	URAIAN PEKERJAAN	SAT.	VOLUME	HARGA SATUAN (Rp)	JUMLAH HARGA (Rp)
	Galian Tanah Keras	M3	411,06	134.244,00	55.182.338,64
	Urugan Tanah Kembali	M3	176,80	15.107,96	2.671.086,99
	Buangan Sisa Tanah	M3	234,26	23.200,08	5.434.851,49
	Rekondisi Jalan Aspal	M3	66,30	439.085,42	29.111.363,53
2.6.	Pemasangan Accessories Pipa pada Jalur				
	All Flange Elbow 45° CI Ø 800 mm	Bh	2,00		
	Penyambungan Elbow 90° CI Ø 800 mm	Bh	2,00	652.672,55	1.305.345,10
	Trust Block beton	M3	7,15	1.200.000,00	8.584.800,00
	Tulangan Trust Block	Kg	800,00	17.988,70	14.390.960,00
	Beksiting biasa	M2	24,53	357.022,60	8.757.050,33
	All Flange Elbow 90° HDPE Ø 500 mm	Bh	1,00		
	Penyambungan Elbow 90° CI Ø 500 mm	Bh	1,00	377.706,15	377.706,15
	Trust Block beton	M3	1,15	1.200.000,00	1.377.600,00
	Tulangan Trust Block	Kg	128,00	17.988,70	2.302.553,60
	Beksiting biasa	M2	4,27	357.022,60	1.524.686,43
	All Flange Elbow 90° HDPE Ø 400 mm	Bh	3,00		
	Penyambungan Elbow 90° CI Ø 400 mm	Bh	3,00	262.296,30	786.888,90
	Trust Block beton	M3	2,16	1.200.000,00	2.592.000,00
	Tulangan Trust Block	Kg	240,00	17.988,70	4.317.288,00
	Beksiting biasa	M2	5,62	357.022,60	2.008.123,60
	All Flange Elbow 45° HDPE Ø 400 mm	Bh	1,00		
	Penyambungan Elbow 45° CI Ø 400 mm	Bh	1,00	262.296,30	262.296,30
	Trust Block beton	M3	0,72	1.200.000,00	864.000,00
	Tulangan Trust Block	Kg	80,00	17.988,70	1.439.096,00
	Beksiting biasa	M2	1,87	357.022,60	669.374,53
2.4.	Pengetesan dan Flushing Pipa				
	Pengetesan & flushing Pipa Ø 800 mm	M'	1.749,00	12.263,90	21.449.561,10
	Pengetesan & flushing Pipa Ø 700 mm	M'	1.129,00	9.651,40	10.896.430,60
	Pengetesan & flushing Pipa Ø 600 mm	M'	878,00	9.651,40	8.473.929,20
	Pengetesan & flushing Pipa Ø 500 mm	M'	2.302,00	5.333,90	12.278.637,80
	Pengetesan & flushing Pipa Ø 400 mm	M'	442,00	5.333,90	2.357.583,80
	Sub Total -II				11.043.368.216,49
	TOTAL				47.951.838.216,49

PEKERJAAN JUNCTION DISTRIBUSI UTAMA PAKET 3

Proyek : Pembangunan SPAM Regional Kota Medan-Paket 3

TA : 2023

NO	URAIAN PEKERJAAN	SAT.	VOLUME	HARGA SATUAN (Rp)	JUMLAH HARGA (Rp)
I	PENGADAAN ACCESSORIES JUNCTION				
1.1	Pengadaan Accessories Junction DJ2				
	All Flange Tee CI Ø 800 x 300 mm	Bh	1,00	30.390.115,00	30.390.115,00
	Tee All Socket PVC Ø 300 x 300 mm	Bh	1,00	3.713.667,50	3.713.667,50
	All Flange Reducer CI Ø 800 x 700 mm	Bh	1,00	13.398.217,50	13.398.217,50
	All Flange Gate Valve CI Ø 700 mm	Bh	1,00	127.453.912,50	127.453.912,50
	All Flange Gate Valve CI Ø 300 mm	Bh	1,00	33.866.272,50	33.866.272,50
	Collar Ø 800 mm	Bh	1,00	15.551.177,50	15.551.177,50
	Collar Ø 300 mm	Bh	1,00	2.531.047,50	2.531.047,50
	Flange Spigot (CI) Ø 300 mm	Bh	1,00	2.819.742,50	2.819.742,50
1.2	Pengadaan Accessories Junction DJ3				
	All Flange Tee CI Ø 700 x 300 mm	Bh	1,00	22.208.127,50	22.208.127,50
	Tee All Socket PVC Ø 300 x 300 mm	Bh	1,00	3.713.667,50	3.713.667,50
	All Flange Reducer CI Ø 700 x 600 mm	Bh	1,00	10.306.310,00	10.306.310,00
	All Flange Gate Valve CI Ø 700 mm	Bh	1,00	127.453.912,50	127.453.912,50
	All Flange Gate Valve CI Ø 300 mm	Bh	1,00	33.866.272,50	33.866.272,50
	Collar Ø 600 mm	Bh	1,00	9.201.772,50	9.201.772,50
	Collar Ø 300 mm	Bh	1,00	2.531.047,50	2.531.047,50
	Flange Spigot (CI) Ø 300 mm	Bh	1,00	2.819.742,50	2.819.742,50
1.3.	Pengadaan Accessories Junction DJ4				
	All Flange Tee CI Ø 600 x 300 mm	Bh	1,00	17.982.320,00	17.982.320,00
	Tee All Socket PVC Ø 300 x 300 mm	Bh	1,00	3.713.667,50	3.713.667,50
	All Flange Reducer CI Ø 600 x 500 mm	Bh	1,00	8.588.567,50	8.588.567,50
	All Flange Gate Valve CI Ø 600 mm	Bh	1,00	106.211.557,50	106.211.557,50
	All Flange Gate Valve CI Ø 300 mm	Bh	1,00	33.866.272,50	33.866.272,50
	Collar Ø 500 mm	Bh	1,00	7.078.320,00	7.078.320,00
	Collar Ø 300 mm	Bh	1,00	2.531.047,50	2.531.047,50
	Flange Spigot (CI) Ø 300 mm	Bh	1,00	2.819.742,50	2.819.742,50
1.4.	Pengadaan Accessories Junction DJ5				
	Tee All Flange HDPE Ø 500 x 300 mm	Bh	1,00	18.757.345,00	18.757.345,00
	Tee All Socket PVC Ø 300 x 300 mm	Bh	1,00	3.713.667,50	3.713.667,50
	All Flange Gate Valve CI Ø 500 mm	Bh	1,00	81.701.192,50	81.701.192,50
	All Flange Gate Valve CI Ø 300 mm	Bh	1,00	33.866.272,50	33.866.272,50
	Stube Flange HDPE Ø 500 mm	Bh	1,00	4.773.037,50	4.773.037,50
	Stube Flange HDPE Ø 300 mm	Bh	1,00	3.059.572,50	
	Collar Ø 300 mm	Bh	1,00	2.819.742,50	2.819.742,50
	Flange Spigot (CI) Ø 300 mm	Bh	1,00	2.819.742,50	2.819.742,50
	Blind Flange HDPE Ø 300 mm	Bh	1,00	558.395,00	558.395,00
1.5.	Pengadaan Accessories Junction DJ6				
	Tee All Flange CI Ø 700 x 400 mm	Bh	1,00	22.208.127,50	22.208.127,50
	All Flange Elbow 45° CI Ø 700 mm	Bh	1,00	6.028.882,50	6.028.882,50
	All Flange Gate Valve CI Ø 500 mm	Bh	1,00	81.701.192,50	81.701.192,50
	All Flange Gate Valve CI Ø 400 mm	Bh	1,00	52.372.550,00	
	Flange Spigot CI Ø 500 mm	Bh	1,00	5.370.002,50	5.370.002,50
	Flange Spigot CI Ø 400 mm	Bh	1,00	4.060.507,50	4.060.507,50
	Collar Ø 500 mm	Bh	1,00	7.078.320,00	7.078.320,00
	Collar Ø 400 mm	Bh	1,00	4.188.397,50	4.188.397,50

NO	URAIAN PEKERJAAN	SAT.	VOLUME	HARGA SATUAN (Rp)	JUMLAH HARGA (Rp)
1.6.	Pengadaan Accessories Junction DJ7				
	Tee All Flange HDPE Ø 500 x 500 mm	Bh	1,00	15.631.072,50	15.631.072,50
	All Flange Gate Valve CI Ø 500 mm	Bh	1,00	81.701.192,50	81.701.192,50
	Stube Flange HDPE Ø 500 mm	Bh	2,00	4.773.037,50	9.546.075,00
	Collar Ø 500 mm	Bh	3,00	7.078.320,00	21.234.960,00
1.7.	Pengadaan Accessories Junction DJ8				
	Tee All Flange HDPE Ø 400 x 150 mm	Bh	1,00	13.827.490,00	13.827.490,00
	Tee All Socket PVC Ø 150 x 150 mm	Bh	1,00	1.690.337,50	1.690.337,50
	All Flange Gate Valve CI Ø 150 mm	Bh	1,00	3.466.732,50	3.466.732,50
	Flange Spigot CI Ø 150 mm	Bh	1,00	950.547,50	950.547,50
	Stube Flange HDPE Ø 150 mm	Bh	2,00	1.508.652,50	3.017.305,00
	Collar CI Ø 400 mm	Bh	3,00	4.188.397,50	12.565.192,50
	Collar CI Ø 150 mm	Bh	3,00	559.047,50	1.677.142,50
	Blind Flange HDPE Ø 400 mm	Bh	1,00	943.732,50	943.732,50
	Sub Total - I				1.070.513.105,00
II	PEMASANGAN ACCESSORIES JUNCTION				
2.1.	Pemasangan Junction DJ2	Unit	1,00		
	Pembongkaran Jalan Asphalt	M3	0,40	882.865,50	353.146,20
	Galian Tanah Keras	M3	4,20	149.039,00	625.963,80
	Pekerjaan Turap	M1	0,80	914.760,05	731.808,04
	Urugan Tanah Kembali	M3	1,80	15.107,96	27.194,32
	Rekondisi Jalan Asphalt	M3	0,40	439.085,42	175.634,17
	All Flange Tee CI Ø 800 x 300 mm	Bh	1,00	652.672,55	652.672,55
	Tee All Socket PVC Ø 300 x 300 mm	Bh	1,00	219.087,75	219.087,75
	All Flange Reducer CI Ø 800 x 700 mm	Bh	1,00	652.672,55	652.672,55
	All Flange Gate Valve CI Ø 700 mm	Bh	1,00	543.902,25	543.902,25
	All Flange Gate Valve CI Ø 300 mm	Bh	1,00	219.087,75	219.087,75
	Collar Ø 800 mm	Bh	1,00	652.672,55	652.672,55
	Collar Ø 300 mm	Bh	1,00	219.087,75	219.087,75
	Flange Spigot (CI) Ø 300 mm	Bh	1,00	219.087,75	219.087,75
	Trust Block Beton	M3	8,90	1.385.224,15	12.334.598,23
	Tulangan Trust Block	Kg	712,35	17.988,70	12.814.295,06
	Beksiting biasa	M2	35,62	357.022,60	12.716.296,73
2.2.	Pemasangan Junction DJ3	Unit	1,00		
	Pembongkaran Hotmix	M3	0,56	882.865,50	496.611,84
	Galian Tanah Keras	M3	3,83	149.039,00	570.074,18
	Pekerjaan Turap	M1	0,70	914.760,05	640.332,04
	Urugan Tanah Kembali	M3	1,65	15.107,96	24.928,13
	Rekondisi Jalan Hotmix	M3	0,56	439.085,42	246.985,55
	All Flange Tee CI Ø 700 x 300 mm	Bh	1,00	543.902,25	543.902,25
	Tee All Socket PVC Ø 300 x 300 mm	Bh	1,00	219.087,75	219.087,75
	All Flange Reducer CI Ø 700 x 600 mm	Bh	1,00	543.902,25	543.902,25
	All Flange Gate Valve CI Ø 700 mm	Bh	1,00	543.902,25	543.902,25
	All Flange Gate Valve CI Ø 300 mm	Bh	1,00	219.087,75	219.087,75
	Collar Ø 600 mm	Bh	1,00	453.252,60	453.252,60
	Collar Ø 300 mm	Bh	1,00	219.087,75	219.087,75
	Flange Spigot (CI) Ø 300 mm	Bh	1,00	219.087,75	219.087,75
	Trust Block Beton	M3	6,85	1.385.224,15	9.486.328,04
	Tulangan Trust Block	Kg	547,86	17.988,70	9.855.254,64
	Beksiting Biasa	M2	27,39	357.022,60	9.779.885,81
2.3.	Pemasangan Junction DJ4	Unit	1,00		
	Pembongkaran Hotmix	M3	0,53	439.085,42	230.519,85
	Galian Tanah Keras	M3	3,47	149.039,00	516.420,14
	Pekerjaan Turap	M1	0,70	914.760,05	640.332,04
	Urugan Tanah Kembali	M3	1,65	15.107,96	24.928,13
	Rekondisi Jalan Hotmix	M3	0,53	439.085,42	230.519,85
	All Flange Tee CI Ø 600 x 300 mm	Bh	1,00	453.252,60	453.252,60

NO	URAIAN PEKERJAAN	SAT.	VOLUME	HARGA SATUAN (Rp)	JUMLAH HARGA (Rp)
	Tee All Socket PVC Ø 300 x 300 mm	Bh	1,00	219.087,75	219.087,75
	All Flange Reducer CI Ø 600 x 500 mm	Bh	1,00	453.252,60	453.252,60
	All Flange Gate Valve CI Ø 600 mm	Bh	1,00	453.252,60	453.252,60
	All Flange Gate Valve CI Ø 300 mm	Bh	1,00	219.087,75	219.087,75
	Collar Ø 500 mm	Bh	1,00	377.706,15	377.706,15
	Collar Ø 300 mm	Bh	1,00	219.087,75	219.087,75
	Flange Spigot (CI) Ø 300 mm	Bh	1,00	219.087,75	219.087,75
	Trust Block Beton	M3	5,19	1.385.224,15	7.188.906,08
	Tulangan Trust Block	Kg	415,18	17.988,70	7.468.485,15
	Beksiting Biasa	M2	20,76	357.022,60	7.411.369,32
2.4.	Pemasangan Junction DJ5	Unit	1,00		
	Pembongkaran Hotmix	M3	0,49	439.085,42	214.054,14
	Galian Tanah Keras	M3	3,12	149.039,00	465.001,68
	Pekerjaan Turap	M1	0,50	914.760,05	457.380,03
	Urugan Tanah Kembali	M3	1,35	15.107,96	20.395,74
	Rekondisi Jalan Hotmix	M3	0,49	439.085,42	214.054,14
	Tee All Flange HDPE Ø 500 x 300 mm	Bh	1,00	377.706,15	377.706,15
	Tee All Socket PVC Ø 300 x 300 mm	Bh	1,00	219.087,75	219.087,75
	All Flange Gate Valve CI Ø 500 mm	Bh	1,00	377.706,15	377.706,15
	All Flange Gate Valve CI Ø 300 mm	Bh	1,00	219.087,75	219.087,75
	Stube Flange HDPE Ø 500 mm	Bh	1,00	377.706,15	377.706,15
	Stube Flange HDPE Ø 300 mm	Bh	1,00	219.087,75	219.087,75
	Collar Ø 300 mm	Bh	1,00	219.087,75	219.087,75
	Flange Spigot (CI) Ø 300 mm	Bh	1,00	219.087,75	219.087,75
	Blind Flange HDPE Ø 300 mm	Bh	1,00	219.087,75	219.087,75
	Trust Block Beton	M3	2,76	1.385.224,15	3.824.016,54
	Tulangan Trust Block	Kg	220,85	17.988,70	3.972.733,88
	Beksiting Biasa	M2	11,04	357.022,60	3.942.352,08
2.5.	Pemasangan Junction DJ6	Unit	1,00		
	Pembongkaran Hotmix	M3	0,75	439.085,42	329.314,07
	Galian Tanah Keras	M3	5,10	149.039,00	760.098,90
	Pekerjaan Turap	M1	0,70	914.760,05	640.332,04
	Urugan Tanah Kembali	M3	2,20	15.107,96	33.237,51
	Rekondisi Jalan Hotmix	M3	0,75	439.085,42	329.314,07
	Tee All Flange CI Ø 700 x 400 mm	Bh	1,00	543.902,25	543.902,25
	Elbow 45° CI Ø 700 mm	Bh	1,00	543.902,25	543.902,25
	All Flange Gate Valve CI Ø 500 mm	Bh	1,00	377.706,15	377.706,15
	All Flange Gate Valve CI Ø 400 mm	Bh	1,00	262.296,30	262.296,30
	Flange Spigot CI Ø 500 mm	Bh	1,00	377.706,15	377.706,15
	Flange Spigot CI Ø 400 mm	Bh	1,00	262.296,30	262.296,30
	Collar Ø 500 mm	Bh	1,00	377.706,15	377.706,15
	Collar Ø 400 mm	Bh	1,00	262.296,30	262.296,30
	Trust Block Beton	M3	7,32	1.385.224,15	10.134.992,49
	Tulangan Trust Block	Kg	585,32	17.988,70	10.529.145,88
	Beksiting Biasa	M2	29,27	357.022,60	10.448.623,41
2.6.	Pemasangan Junction DJ7	Unit	1,00		
	Pembongkaran Hotmix	M3	0,33	439.085,42	142.702,76
	Galian Tanah Keras	M3	2,08	149.039,00	310.001,12
	Pekerjaan Turap	M1	0,50	914.760,05	457.380,03
	Urugan Tanah Kembali	M3	0,90	15.107,96	13.597,16
	Rekondisi Jalan Hotmix	M3	0,33	439.085,42	142.702,76
	Tee All Flange HDPE Ø 500 x 500 mm	Bh	1,00	377.706,15	377.706,15
	All Flange Gate Valve CI Ø 500 mm	Bh	1,00	377.706,15	377.706,15
	Stube Flange HDPE Ø 500 mm	Bh	2,00	377.706,15	755.412,30
	Collar Ø 500 mm	Bh	3,00	377.706,15	1.133.118,45
	Trust Block Beton	M3	2,46	1.385.224,15	3.411.059,06
	Tulangan Trust Block	Kg	197,00	17.988,70	3.543.716,34

NO	URAIAN PEKERJAAN	SAT.	VOLUME	HARGA SATUAN (Rp)	JUMLAH HARGA (Rp)
	Beksiting Biasa	M2	9,85	357.022,60	3.516.615,49
2.7.	Pemasangan Junction DJ8	Unit	1,00		
	Pembongkaran Hotmix	M3	0,30	439.085,42	131.725,63
	Galian Tanah Keras	M3	1,86	149.039,00	277.212,54
	Urugan Tanah Kembali	M3	0,80	15.107,96	12.086,37
	Rekondisi Jalan Hotmix	M3	0,30	439.085,42	131.725,63
	Tee All Flange HDPE Ø 400 x 150 mm	Bh	1,00	262.296,30	262.296,30
	Tee All Socket PVC Ø 150 x 150 mm	Bh	1,00	157.220,60	157.220,60
	All Flange Gate Valve CI Ø 150 mm	Bh	1,00	157.220,60	157.220,60
	Flange Spigot CI Ø 150 mm	Bh	1,00	157.220,60	157.220,60
	Stube Flange HDPE Ø 150 mm	Bh	2,00	157.220,60	314.441,20
	Collar CI Ø 400 mm	Bh	3,00	262.296,30	786.888,90
	Collar CI Ø 150 mm	Bh	3,00	157.220,60	471.661,80
	Blind Flange HDPE Ø 400 mm	Bh	1,00	262.296,30	262.296,30
	Trust Block Beton	M3	1,04	1.385.224,15	1.438.214,22
	Tulangan Trust Block	Kg	83,06	17.988,70	1.494.146,87
	Beksiting Biasa	M2	4,15	357.022,60	1.482.720,27
	Sub Total -II				177.033.512,51
	TOTAL				1.247.546.617,51

PEKERJAAN JEMBATAN PIPA

Proyek : Pembangunan SPAM Regional Kota Medan-Paket 3
TA : 2023

NO	URAIAN PEKERJAAN	SAT.	VOLUME	HARGA SATUAN (Rp)	JUMLAH HARGA (Rp)
I	PEKERJAAN PERPPAAN				
1.1	Pengadaan Pipa dan Accessories Jembatan				
	Pipa Steel Ø 500 mm	m	60,000	5.180.000,00	310.800.000,00
	Bend 90° Steel Ø 500 mm	Bh	4,000	5.833.857,50	23.335.430,00
	Flange Spigot Steel Ø 500 mm	Bh	2,000	4.669.580,00	9.339.160,00
	Double Air Valve Ø 150 mm	Bh	1,000	387.730,00	387.730,00
	All Flange Tee CI Ø 500 x 200 mm	Bh	1,000	13.832.492,50	13.832.492,50
	All Flange Tee CI Ø 500 x 100 mm	Bh	1,000	13.832.492,50	13.832.492,50
	Gate Valve Ø 500 mm	Bh	1,000	68.084.315,00	68.084.315,00
	Gate Valve Ø 200 mm	Bh	1,000	3.466.732,50	3.466.732,50
	Gate Valve Ø 100 mm	Bh	1,000	2.521.260,00	2.521.260,00
	Dressert Coupling Ø 500 mm	Bh	2,000	5.444.895,00	10.889.790,00
1.2.	Pemasangan Pipa dan Accessories Jembatan				
	Pipa Steel Ø 500 mm	m	67,000	494.422,45	33.126.304,15
	Bend 90° Steel Ø 500 mm	Bh	4,000	377.706,15	1.510.824,60
	Flange Spigot Steel Ø 500 mm	Bh	2,000	377.706,15	755.412,30
	Double Air Valve Ø 150 mm	Bh	1,000	157.220,60	157.220,60
	All Flange Tee CI Ø 500 x 200 mm	Bh	1,000	377.706,15	377.706,15
	All Flange Tee CI Ø 500 x 100 mm	Bh	1,000	377.706,15	377.706,15
	Gate Valve Ø 500 mm	Bh	1,000	377.706,15	377.706,15
	Gate Valve Ø 200 mm	Bh	1,000	175.619,65	175.619,65
	Gate Valve Ø 100 mm	Bh	1,000	147.521,55	147.521,55
	Dressert Coupling Ø 500 mm	Bh	2,000	377.706,15	755.412,30
	Sub Total - I				494.250.836,10
II	PEKERJAAN STRUKTUR JEMBATAN PIPA				
2.1.	Pekerjaan Tanah				
	Galian Tanah Keras	M3	20,100	149.039,00	2.995.683,90
	Buangan Tanah Berbatu	M3	2,530	23.200,08	58.696,21
	Urug Kembali	M3	17,570	15.107,96	265.446,82
2.2.	Pekerjaan Beton				
	Lantai Kerja Beton 1 : 3 : 5	M3	0,150	1.195.406,98	179.311,05
	Beton K225	M3	28,642	1.545.049,94	44.253.320,24
	Penulangan	Kg	3355,000	17.988,70	60.352.088,50
	Bekisting	M2	111,852	752.752,00	84.196.816,70
	Tiang Pancang ukuran 30cmx30cm	Bh	28,000	15.400.000,00	431.200.000,00
2.3.	Pekerjaan Struktur Jembatan				
	Besi Baja Honetcom 1600x300x14x26	kg	41931,890	30.780,60	1.290.688.733,33
	Angkur Ø20 mm-30 cm	Bh	64,000	36.250,00	2.320.000,00
	Pipe support	Bh	8,000	725.000,00	5.800.000,00
	Pengelasan	M	422,000	3.391,96	1.431.407,12
2.4.	Pekerjaan Pengecatan				
	Cat Besi	M2	235,00	46.124,50	10.839.257,50
	Sub Total -II				1.934.580.761,38
	TOTAL				2.428.831.597,48