

Name of work: North South Interlink Package (NSIP) Phase 1A Project B (Construction of 220/110kV MCMV line from Irinjalakuda to Kodungallur)	
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e: Enter the Datas only in Blue coloured cells Cost Index 1.3725 District **TRICHUR** **TRICHUR**

SL NO	LOC. No.		SPAN IN (M)	Cumulative Length	R.L	Base Extension	Final Level	Sum of Adjesent Span	WEIGHT SPAN 220KV-Measured						WEIGHT SPAN 220KV-Calculated						REMARKS	MAJOR CROSSING DETAIL	Type of soil
									HOT			COLD			HOT			COLD					
									LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL			
1	TN.1	KLD+3	0	0	100.41	3	103.41	0	0.00	94.00	94.00	0.00	101.00	101.00							ok		Partially Submerged
2	TN.2	KLC+3	248	248	103.25	3	106.25	510	151.00	155.00	306.00	147.00	167.00	314.00		203.82	203.82		238.53	238.53	ok		Normal Soil
3	TN.3	KLD+6	262	510	96.28	6	102.28	464.7	107.00	154.00	261.00	95.00	178.00	273.00									
4	TN.4	KLB+0	202.7	712.7	95.87	0	95.87	470	42.00	152.00	194.00	24.00	161.00	185.00	203.82	148.30	352.12	238.53	155.28	393.81	Check		Partially Submerged
5	TN.5	KLD+0	267.3	980	92.97	9	101.97	517.3	115.00	120.00	235.00	106.00	121.00	227.00									
6	TN.6	KLA+0	250	1230	93.74	0	93.74	500	131.00	126.00	257.00	129.00	127.00	256.00	148.30	125.29	273.59	155.28	125.43	280.71	ok		Partially Submerged
7	TN.7	KLA+0	250	1480	93.54	0	93.54	500	124.00	125.00	249.00	123.00	124.00	247.00									
8	TN.8	KLA+0	250	1730	93.7	0	93.7	520	125.00	136.00	261.00	126.00	137.00	263.00	125.29	154.06	279.36	125.43	163.15	288.58	ok		Partially Submerged
9	TN.9	KLD+0	270	2000				590															
10	TN.10	KLA+3	320	2320	93.5	3	96.5	640	134.00	143.00	277.00	133.00	134.00	267.00	154.06	176.66	330.72	163.15	184.60	347.74	ok		
11	TN.11	KLA+6	320	2640				640															Partially Submerged
12	TN.12	KLA+0	320	2960	93.6	0	93.6	624	177.00	147.00	324.00	186.00	139.00	325.00	176.66	185.74	362.40	184.60	201.82	386.42	ok		Partially Submerged
13	TN.13	KLD+0	304	3264				550															
14	TN.14	KLB+6	246	3510	93.18	6	99.18	376	173.00	192.00	365.00	181.00	213.00	394.00	185.74	152.38	338.12	201.82	194.03	395.84	ok		
15	TN.15	KLB+0	130	3640				279															Partially Submerged
16	TN.16	KLC+0	149	3789	93	0	93	270	129.00	153.00	282.00	107.00	154.00	261.00	152.38	106.07	258.45	194.03	127.79	321.82	ok		Partially Submerged
17	TN.17	KLB+0	121	3910				441															
18	TN.18	KLB+3	320	4230	93	3	96	490	151.00	72.00	223.00	150.00	48.00	198.00	106.07	164.26	270.33	127.79	202.03	329.82	ok		
19	TN.19	KLD+9	170	4400				276															Fully Submerged
20	TN.20	KLD+0	106	4506	94.33	9	103.33	350	174.00	117.00	291.00	198.00	142.00	340.00	164.26	174.21	338.46	202.03	199.09	401.11	ok		Fully Submerged
21	TN.21	KLA+0	244	4750				494															Fully Submerged
22	TN.22	KLA+0	250	5000	96.4	0	96.4	500	13.00	42.00	55.00	-12.00	42.00	30.00	174.21	191.32	365.52	199.09	222.93	422.01	ok		Fully Submerged
23	TN.23	KLD+3	250	5250				550															Fully Submerged
24	TN.24	KLC+6	300	5550	99.42	6	105.42	690	108.00	82.00	190.00	124.00	92.00	216.00	191.32	216.63	407.95	222.93	226.94	449.87	ok		Normal Soil
25	TN.25	KLD+3	390	5940				650															Normal Soil
26	TN.26	KLA+3	260	6200	97.83	3	100.83	480	39.00	143.00	182.00	29.00	135.00	164.00	216.63	116.60	333.23	226.94	119.75	346.69	ok		Normal Soil
27	TN.27	KLA+6	220	6420				439															Partially Submerged
28	TN.28	KLD+3	219	6639	98.62	3	101.62	471.1	177.00	78.00	255.00	185.00	75.00	260.00	116.60	132.39	248.99	119.75	135.42	255.16	ok		Partially Submerged
29	TN.29	KLC+3	252.1	6891.1				427															Fully Submerged

30	TN.30	KLB+3	174.9	7066	97.75	3	100.75	464.9	92.00	196.00	288.00	95.00	263.00	358.00	132.39	155.20	287.60	135.42	160.07	295.48	ok		Fully Submerged
31	TN.31	KLD+3	290	7356				598															Fully Submerged
32	TN.32	KLB+9	308	7664	93.36	9	102.36	672.5	-90.00	125.00	35.00	-157.00	125.00	-32.00	155.20	184.32	339.52	160.07	185.30	345.37	ok		Fully Submerged
33	TN.33	KLB+9	364.5	8028.5				706														Fully Submerged	
34	TN.34	KLC+9	341.5	8370	92.95	9	101.95	717.5	119.00	127.00	246.00	119.00	128.00	247.00	184.32	218.80	403.12	185.30	233.48	418.78	ok		Fully Submerged
35	TN.35	KLD+3	376	8746				670															Fully Submerged
36	TN.36	KLA+3	294	9040	92.65	3	95.65	614	123.00	107.00	230.00	122.00	99.00	221.00	218.80	192.17	410.97	233.48	207.50	440.97	Check		Fully Submerged
37	TN.37	KLC+6	320	9360				600														Fully Submerged	
38	TN.38	KLA+9	280	9640	92.25	9	101.25	580	143.00	121.00	264.00	151.00	108.00	259.00	192.17	196.87	389.04	207.50	219.21	426.71	ok		Fully Submerged
39	TN.39	KLA+3	300	9940				600															Fully Submerged
40	TN.40	KLC+0	300	10240	93.6	0	93.6	650	179.00	217.00	396.00	192.00	228.00	420.00	196.87	199.95	396.82	219.21	211.83	431.05	ok		Fully Submerged
41	TN.41	KLB+6	350	10590				732														Fully Submerged	
42	TN.42	KLD+6	382	10972	92.35	6	98.35	486	173.00	107.00	280.00	162.00	97.00	259.00	199.95	97.07	297.02	211.83	118.55	330.38	ok		Fully Submerged
43	TN.43	KLD+3	104	11076				408															Fully Submerged
44	TN.44	KLA+0	304	11380	95.8	0	95.8	614	153.00	116.00	269.00	164.00	119.00	283.00	97.07	185.83	282.90	118.55	200.53	319.08	ok		Fully Submerged
45	TN.45	KLC+3	310	11690				610														Fully Submerged	
46	TN.46	KLA+9	300	11990	92	9	101	620	104.00	133.00	237.00	101.00	144.00	245.00	185.83	160.00	345.83	200.53	160.00	360.53	Check	Fully Submerged	
47	TN.47	KLA+3	320	12310				620														Fully Submerged	
48	TN.48	KLA+9	300	12610	92	9	101	600	86.00	119.00	205.00	75.00	116.00	191.00	160.00	156.00	316.00	160.00	158.87	318.87	ok	Fully Submerged	
49	TN.49	KLA+3	300	12910				630														Fully Submerged	
50	TN.50	KLD+0	330	13240	92.98	9	101.98	630	133.00	-35.00	98.00	136.00	-102.00	34.00	156.00	192.22	348.22	158.87	212.33	371.20	ok	Fully Submerged	
51	TN.51	KLA+0	300	13540				600														Fully Submerged	
52	TN.52	KLA+3	300	13840	105.87	3	108.87	600	211.00	126.00	337.00	273.00	117.00	390.00	192.22	205.94	398.16	212.33	232.60	444.94	ok	Fully Submerged	
53	TN.53	KLA+6	300	14140				550														Fully Submerged	
54	TN.54	KLD+0	250	14390	109	9	118	550	164.00	165.00	329.00	173.00	172.00	345.00	205.94	254.77	460.71	232.60	304.71	537.31	ok	Fully Submerged	
55	TN.55	KLA+0	300	14690				610														Fully Submerged	
56	TN.56	KLA+0	310	15000	100.9	0	100.9	620	143.00	186.00	329.00	136.00	189.00	325.00	254.77	168.40	423.17	304.71	174.79	479.49	ok	Fully Submerged	
57	TN.57	KLA+3	310	15310				600														Fully Submerged	
58	TN.58	KLC+3	290	15600	100.16	3	103.16	440	179.00	192.00	371.00	175.00	202.00	377.00	168.40	128.43	296.83	174.79	153.89	328.68	ok	Fully Submerged	
59	TN.59	KLC+0	150	15750				250														Fully Submerged	
60	TN.60	KLD+3	100	15850	95.8	3	98.8	100	150.00	205.00	355.00	137.00	214.00	351.00	128.43	#REF!	#REF!	153.89	#REF!	#REF!	ok	Normal Soil	
61	TN.61	0	0	15850				#REF!														Normal Soil	
		Total		15850																	ok	0	