

F.Nilandhoo Material list

No	Material Description	Unit	Qty	Brand or Equivalent	Delivery Period
Sewer Network & Manhole Materials					
1.00	Wavin Sewer Pipe - DN 150, SN4, L=5m	M	16,090.00	Wavin	
2.00	Wavin KGU Repair Sewer Socket - DN 150	EA	549.00	Wavin	
3.00	Wavin KGM Double Socket - DN 150	EA	161.00	Wavin	
4.00	TEGRA 425 Insp. Chamber 160- Straight	EA	134.00	Wavin	
5.00	Corrug Pipe - OD 425mm, L=3000mm, Soc	FT	243.00	Wavin	
6.00	Telescopic Pipe - 425x375mm w/seal ring	EA	91.00	Wavin	
7.00	Heavy Traffic Cover - 425mm, 40T Load	EA	134.00	Wavin	
8.00	Wavin KGB Sewer Bend - DN 150/87°	EA	30.00	Wavin	
9.00	Wavin KGB Sewer Bend - DN 150/45°	EA	259.00	Wavin	
10.00	Wavin KGB Sewer Bend - DN 150/30°	EA	74.00	Wavin	
11.00	Wavin KGB Sewer Bend - DN 150/15°	EA	74.00	Wavin	
12.00	Wavin Sewer Branch - DN 150x150/87°	EA	33.00	Wavin	
13.00	Wavin KGM Socket Plug - DN150	EA	228.00	Wavin	
14.00	Wavin KGK Sewer End Cap - DN 150	EA	34.00	Wavin	
15.00	Hole Saw Attachment - 160mm	EA	4.00		
16.00	TEGRA Base - 600x160mm, Straight	EA	100.00	Wavin	
17.00	TEGRA Base - 600x160mm, Tee	EA	81.00	Wavin	
18.00	TEGRA Base - 600x160mm, 90° Bend	EA	23.00	Wavin	
19.00	TEGRA Base - 600x160mm, Junction	EA	55.00	Wavin	
20.00	Manhole Cover w/frame TEGRA, D600mm, 40T	EA	263.00	Wavin	
21.00	TEGRA Telescopic Adaptor- 600mm, L=400mm	EA	263.00	Wavin	
22.00	PE Corrugated Shaft - 600mm, SN4, L=5.8m	EA	62.00	Wavin	
23.00	Detactable Tape- 7.62cm x 500M, " SEWER"	Rol	35.00	Wavin	
24.00	Wavin U-PVC Insitu - DN 150	EA	43.00	Wavin	
Catchpit House Connection Materials					
25.00	PP Inspec Chamber -315/110mm - Straight	EA	77.00	Wavin	
26.00	Corrug Pipe - OD 315mm, L=3000mm, Soc	FT	200.00	Wavin	
27.00	Sealing Ring for Corrug Pipe - OD 315mm	EA	73.00	Wavin	
28.00	Concrete Cone - 315mm	EA	77.00		
29.00	Concrete Cover - 315mm	EA	77.00		
30.00	Wavin Sewer Pipe - DN 100, SN4, L=5m	M	2,930.00	Wavin	
31.00	Wavin Sewer Branch - DN 150x100/45°	EA	472.00	Wavin	
32.00	Wavin KGB Sewer Bend - DN 100/15°	EA	147.00	Wavin	
33.00	Wavin KGB Sewer Bend - DN 100/30°	EA	147.00	Wavin	
34.00	Wavin KGB Sewer Bend - DN 100/45°	EA	1,134.00	Wavin	
35.00	Wavin KGB Sewer Bend - DN 100/87°	EA	344.00	Wavin	
36.00	Wavin KGM Socket Plug - DN100	EA	227.00	Wavin	
37.00	Wavin KGK Sewer End Cap - DN 100	EA	417.00	Wavin	
38.00	Wavin KGU Repair Sewer Socket - DN 100	EA	592.00	Wavin	
39.00	Wavin KGM Double Socket - DN 100	EA	35.00	Wavin	
40.00	Detactable Tape- 7.62cm x 500M, " SEWER"	Rol	8.00	Wavin	

	Sea Outfall Materials				
41.00	Black PE Pipe -110mm,SDR11, PN16, L=5.8m	EA	3.00	GF	
42.00	Black PE 'Y' Tee - 225mm/45°, SDR11,PN16	EA	2.00	GF	
43.00	Black PE Reducer -160/110mm, SDR11, PN16	EA	3.00	GF	
44.00	Black PE Elbow - 110mm/90°, SDR11, PN16	EA	3.00	GF	
45.00	Blue PE Long End Cap - 225mm,SDR17,PN10	EA	2.00	GF	
46.00	Black PE FL Adaptor - 225mm, SDR11, PN16	EA	48.00	GF	
47.00	PP-V Flange - 225mm, PN16, M20, 8 Holes	EA	23.00	GF	
48.00	Rubber Gasket - 225/200mm, EPDM	EA	24.00	GF	
49.00	Black PE Reducer -160/110mm, SDR11, PN16	EA	1.00	GF	
50.00	Black PE Reducer -110/63mm, SDR11, PN16	EA	1.00	GF	
51.00	Black EF Reducer - 63/50mm, SDR11, 39.5V	EA	1.00	GF	
52.00	Black PE FL Adaptor - 63mm, SDR11, PN16	EA	2.00	GF	
53.00	PP-V Blank Flange - 63mm, PN16, M16, 4H	EA	2.00	GF	
54.00	Rubber Gasket - 63mm, EPDM	EA	2.00	GF	
55.00	Blk EF Coupler - 225mm,PE100,SDR11,39.5V	EA	42.00	GF	
56.00	Black EF Coupler - 110mm,PE100,SDR11,39.5V	EA	8.00	GF	
57.00	SS Thread Rod-25mm, SS316L Grade,L=800mm	EA	560.00	Jayshree/piush steel	
58.00	SS Washer 25mm (SS 316L Grade)	EA	1,120.00	Jayshree/piush steel	
59.00	SS Rod dia 12mm, 316L, L=6m (plain rod)	EA	2.00	Jayshree/piush steel	
60.00	SS Flat bar - 1.5",4mm Thick, 316L, L=6m	EA	3.00	Jayshree/piush steel	
61.00	SRC Cement - 50kg/bag	EA	803.00		
	Pumping Main Materials				
62.00	Black PE Pipe -110mm,SDR17, PN10, L=5.8m	EA	171.00	GF	
63.00	Black PE Elbow - 110mm/90°, SDR17, PN10	EA	41.00	GF	
64.00	Black PE Elbow - 110mm/45°, SDR17, PN10	EA	3.00	GF	
65.00	Black PE 'Y' Tee - 110mm/45°, SDR17,PN10	EA	5.00	GF	
66.00	Black PE Equal Tee - 110mm, SDR17, PN10	EA	5.00	GF	
67.00	Black EF Coupler - 110mm,PE100,SDR11,39.5V	EA	122.00	GF	
68.00	Black PE Long End Cap - 110mm, SDR17,PN10	EA	5.00	GF	
69.00	Detactable Tape- 7.62cm x 500M, " SEWER"	Rol	7.00	wavin	
	Sewer Valve Chamber Materials				
70.00	AVK Supa-plus Flange Adaptor - 110mm	EA	10.00	AVK	
71.00	Rubber Gasket - 110mm, EPDM	EA	42.00	Wavin	
72.00	SS Bolt - 110 x 16mm, 316L Full Thread	EA	336.00	Jayshree/piush steel	
73.00	SS Bolt - 130 x 16mm, 316L, Full Thread	EA	84.00	Jayshree/piush steel	
74.00	AVK Non-Return Valve - DN 100,PN10/16,8H	EA	10.00	AVK	
75.00	AVK short Gate Valve - DN100, PN10/16,8H	EA	20.00	AVK	
76.00	Black PE 'Y' Tee - 110mm/90°, PN10	EA	11.00	GF	
77.00	Blind Flange- 110mm, PN16, M16, 8 Holes	EA	10.00	GF	
78.00	Black PE FL Adaptor - 110mm, SDR17, PN10	EA	32.00	GF	
79.00	PP-V Flange - 110mm, PN16, M16, 8 Holes	EA	32.00	GF	
80.00	Black EF Coupler - 110mm,PE100,SDR11,39.5V	EA	72.00	GF	
	Jetting Machine/Vehicle				
91.00	Jetting Vehicle	EA	1.00	Capacity: Specifications to be approved by Supplier	

	Panels - Sewer				
92.00	Cabinet Marina with Glass door- 820x610x300-IP66	EA	5.00	Legrand	
93.00	Internal Door 800 x 600 w/accessories	EA	5.00	Legrand	
94.00	Plain Plate 800 x 600mm - Cat No. 0 360 59	EA	5.00	Legrand	
95.00	Knob with key barrel 2433 A - for cabinets - 036806	EA	5.00	Legrand	
96.00	Miniature Circuit Breaker,C60H,4pole,40A	EA	10.00	Schneider	
97.00	Residual Current Circuit Breaker,4 pole,40A, 100mA 0.3s	EA	5.00	Schneider	
98.00	Manual Changeover Switch - 4P, 63A	EA	5.00	Socomec/Geya	
99.00	Miniature Circuit Breaker,C60H,3pole,2A	EA	5.00	Schneider	
100.00	Miniature Circuit Breaker,C60H, 1pole 4A	EA	5.00	Schneider	
101.00	Miniature Circuit Breaker,C60H, 1pole 2A	EA	10.00	Schneider	
102.00	Miniature Circuit Breaker,C60H,1pole,16A	EA	5.00	Schneider	
103.00	Miniature Circuit Breaker,C60H,1pole,10A	EA	5.00	Schneider	
104.00	TeSys GV2 & GV3, Auxiliary contact	EA	15.00	Schneider	
105.00	TeSys D Auxiliary Contact Block, 1NO+1NC	EA	10.00	Schneider	
106.00	LOGO! 8 12/24 RCE 12-24 V DC	EA	5.00	Siemens	
107.00	LOGO! 8 DM16 4 V DC 8 IN/OUTPUT	EA	5.00	Siemens	
108.00	LOGO! 8 DM8 24 V DC 4 IN/OUTPUT	EA	5.00	Siemens	
109.00	Interface plug-in relay, 230V AC,5A,2CO	EA	10.00	Schneider	
110.00	Phase Monitoring Relay	EA	5.00	Eaton/Schneider	
111.00	PVC insulated fork terminal 4mm2 , M3, BLACK (U-Lug)	EA	340.00	Generic	
112.00	Legrand Ferrules with insulating flange ,Black, 0.5mm2	EA	900.00	Legrand	
113.00	Crimp Lug - 16mm ² , Pin Type	EA	100.00	Generic	
114.00	Cable Lug - 16mm ² , 6mm hole dia	EA	60.00	Generic	
115.00	Legrand Ferrules with insulating flange , 4mm2	EA	75.00	Legrand	
116.00	Terminal Block 2.5mm2	EA	150.00	Legrand	
117.00	Terminal Block - 4 mm2	EA	60.00	Legrand	
118.00	Earth terminal block 2.5mm2	EA	50.00	Legrand	
119.00	Earth Terminal Block - 4 mm2	EA	30.00	Legrand	
120.00	Flexible cable - 1c x 16mm2	M	10.00	Helucab/Kelani/ACL	
121.00	Flexible cable - 1c x 4mm2	M	18.00	Helucab/Kelani/ACL	
122.00	Flexible Earth cable -4mm2	M	5.00	Helucab/Kelani/ACL	
123.00	2 position selector switch (2NO)),Type:YW1S-2E20	EA	5.00	IDEC/Schneider	
124.00	3 Position Switch - MANUAL-OFF-AUTO	EA	5.00	IDEC/Schneider	
125.00	3 Position Switch - Spring return right	EA	10.00	IDEC/Schneider	
126.00	IDEC Push Button Switch - (1NO1NC) Black	EA	5.00	IDEC/Schneider	
127.00	Symmetrical DIN Rail, 35mm, Length: 1m	EA	15.00	Generic	
128.00	Open Slot Casing-25x25mm	EA	5.00	Legrand	
129.00	Open Slot Casing-25x60mm	EA	10.00	Legrand	
130.00	Legrand Cable Gland - PG 29	EA	15.00	Legrand	
131.00	Legrand Cable Gland - PG 21	EA	15.00	Legrand	
132.00	Legrand Cable Gland - PG 11	EA	40.00	Legrand	
133.00	Spiral Wrap 6mm	M	5.00	Generic	
134.00	MiniCAS II Supervision Relay, Flygt	EA	10.00	Flygt	
135.00	MiniCAS II Supervision Relay Base	EA	10.00	Flygt	
136.00	Digital power analyzer	EA	5.00	Rudolf/Pilot	
137.00	Miniature CT 64/1A - 0.5VA CTM7	EA	15.00	MBS-AG/Weidmüller	
138.00	Hour counter, 230V, 48x48mm AC 50Hz	EA	10.00	Schneider	
139.00	Counter totalier w/manualreset - W15.51	EA	10.00	Schneider	
140.00	Pilot light 8mm 24v. Green (DC)	EA	25.00	FILN	
141.00	Pilot light 8mm 24v. FL1M-8CW-1, Yellow	EA	15.00	FILN	
142.00	Pilot light 8mm 24v. 20cm wire,red/green	EA	25.00	FILN	
143.00	IDEC Indicator Light - Red, 230V, D22	EA	15.00	IDEC/Schneider	
144.00	IDEC Indicator Light - Yellow, 230V, D22	EA	15.00	IDEC/Schneider	
145.00	IDEC Indicator Light - Blue, 230V, D22	EA	15.00	IDEC/Schneider	
146.00	Alarm Beacon	EA	5.00	RS-Pro	
147.00	Cable sleeve 4mm2 BLACK (5mm)	M	10.00	WOER/3M	
148.00	Cable sleeve 4mm2 BLUE (5mm)	M	10.00	WOER/3M	
149.00	Cable sleeve 4mm2 GREEN (5mm)	M	5.00	WOER/3M	
150.00	Cable sleeve 4mm2 RED (5mm)	M	10.00	WOER/3M	
151.00	Cable sleeve 4mm2 YELLOW (5mm)	M	15.00	WOER/3M	
152.00	Cable sleeve 25mm2 BLACK (10mm)	M	5.00	WOER/3M	
153.00	Cable sleeve 25mm2 BLUE (10mm)	M	5.00	WOER/3M	
154.00	Cable sleeve 25mm2 GREEN (10mm)	M	5.00	WOER/3M	
155.00	Cable sleeve 25mm2 RED (10mm)	M	5.00	WOER/3M	
156.00	Cable sleeve 25mm2 YELLOW (10mm)	M	5.00	WOER/3M	
157.00	TeSys D contactor, 3P(3 NO), AC-3, 18 A	EA	8.00	Schneider	
158.00	TeSys D contactor, 3P(3 NO), AC-3, 9 A	EA	11.00	Schneider	

159.00	TeSys GV2 Circuit Breaker, 4-6.3A	EA	8.00	Schneider	
160.00	TeSys GV2 Circuit Breaker, 9-14A	EA	2.00	Schneider	
161.00	TeSys GV2 Circuit Breaker, 1.6-2.5A	EA	4.00	Schneider	
162.00	TeSys GV2 Circuit Breaker Thermal,1-1.6A	EA	1.00	Schneider	
163.00	1 Single Output Industrial DIN RAIL Power Supply, input 230v, output	EA	5.00	Meanwell/schneider	
164.00	Control wiring cable , 0.50mm2 (White)	Rol	3.00	Helucab/Kelani/ACL	
165.00	Control wiring cable , 0.50mm2 (RED)	Rol	1.00	Helucab/Kelani/ACL	
166.00	Control wiring cable , 0.50mm2 (Black)	Rol	1.00	Helucab/Kelani/ACL	
167.00	Control wiring cable , 0.50mm2 (Yellow)	Rol	1.00	Helucab/Kelani/ACL	
168.00	Control wiring cable , 0.50mm2 (Brown)	EA	1.00	Helucab/Kelani/ACL	
169.00	Control wiring cable , 0.50mm2 (Blue)	Rol	1.00	Helucab/Kelani/ACL	
170.00	LOGO! CMR 2020 GSM/GPRS Comm. Module	EA	5.00	Siemens	
171.00	OMNI-DIRECTIONAL ANTENNA FOR GSM	EA	5.00	Siemens	
172.00	SITOP UPS 1600 24VDC/10A	EA	5.00	Siemens	
173.00	SITOP BAT1600 Battery Module 24V/2.5Ah Pb	EA	5.00	Siemens	
174.00	kWh Meter Panel - 100A	EA	5.00	STELCO	
175.00	Legrand Cable Gland - PG 36	EA	5.00	Legrand	
	Pumps - Sewer				
176.00	NP 3069 SH 270 HI Imp 2.4KW & 4G cable 20 Mtr with FLS	EA	8.00	Flygt	
177.00	NP 3127 MT 437 HI Imp 6.5KW & 4G cable 20 Mtr with FLS	EA	2.00	Flygt	
178.00	Discharge Connection DN 65	EA	8.00	Flygt	
179.00	Discharge Connection DN 150	EA	2.00	Flygt	
180.00	2" Upper Guide Bar Bracket - SS316	EA	10.00	Flygt	
181.00	SS316 Lifting Chain 0.5 Ton/5 m	EA	10.00	Flygt	
182.00	2" - SS316 Guide Bars 6 m	EA	20.00	Flygt	
183.00	Activated Carbon - Charcoal	KG	50.00	Generic	
184.00	Air blower (515m3/h @ 250pa),CMVeco 125	EA	5.00	Colasit	
185.00	Level Regulator - ENM-10, 20m Cable	EA	20.00	Flygt	
186.00	Level Regulator Bracket	EA	5.00	Flygt	
	Main Power PS / Cables - Sewer				
187.00	Armored Cable 4X35mm2	M	1,250.00	Helucab/Kelani/ACL	
188.00	Uninsulated cord end terminals 35mm2	EA	20.00	Generic	
189.00	CABLE SLEEVE - 35MM², BLACK (13MM)	M	5.00	WOER/3M	
190.00	CABLE SLEEVE - 35MM², BLUE (13MM)	M	5.00	WOER/3M	
191.00	CABLE SLEEVE - 35MM², GREEN (13MM)	M	5.00	WOER/3M	
192.00	CABLE SLEEVE - 35MM², RED (13MM)	M	5.00	WOER/3M	
193.00	CABLE SLEEVE - 35MM², YELLOW (13MM)	M	5.00	WOER/3M	
194.00	Cable Sleeve - 150mm2, Black (25mm)	M	5.00	WOER/3M	
195.00	Flexible Power Cable - 10mm2 x 4C	M	30.00	Helucab/Kelani/ACL	
196.00	Flexible Power Cable - 2.5mm2 x 4C	M	50.00	Helucab/Kelani/ACL	
197.00	Uninsulated cord end terminals 10mm2	EA	45.00	Generic	
198.00	Cable sleeve 25mm2 BLACK (10mm)	M	5.00	WOER/3M	
199.00	Cable sleeve 25mm2 BLUE (10mm)	M	5.00	WOER/3M	
200.00	Cable sleeve 25mm2 RED (10mm)	M	5.00	WOER/3M	
201.00	Cable sleeve 25mm2 YELLOW (10mm)	M	5.00	WOER/3M	
202.00	Cable sleeve 120mm2 BLACK (20mm)	M	5.00	WOER/3M	
203.00	Cable sleeve 4mm2 BLACK (5mm)	M	5.00	WOER/3M	
204.00	Cable sleeve 4mm2 BLUE (5mm)	M	5.00	WOER/3M	
205.00	Cable sleeve 4mm2 GREEN (5mm)	M	5.00	WOER/3M	
206.00	Cable sleeve 4mm2 RED (5mm)	M	5.00	WOER/3M	
207.00	Cable sleeve 4mm2 YELLOW (5mm)	M	15.00	WOER/3M	
208.00	Ferrules w/flange-2.5mm2,Black,1000/Box	PAC	1.00	Legrand	
209.00	Insulated Fork End Terminal - 2.5mm2	EA	20.00	Generic	
210.00	Universal Multi Foam	EA	10.00	3M/Asmaco	
211.00	Earth Rod - 6" x 5/8"	EA	15.00	Generic	
212.00	Earth Rod Clamp	EA	5.00	Generic	
213.00	Earth Rod Joint	EA	10.00	Generic	
214.00	Earth Cable - 1C x 10mm2	M	25.00	Helucab/Kelani/ACL	
215.00	Cable sleeve 25mm2 GREEN (10mm)	M	5.00	WOER/3M	
216.00	Cable Lug - 10mm², 8mm hole dia	EA	20.00	Generic	
217.00	Fisher Wall Plug - 14x75mm	EA	30.00	Fischer/Patta	
218.00	Wall Plug 8 x 40mm, Fisher/Patta	EA	20.00	Fischer/Patta	
219.00	SS Hex Head Self Tapping Screw 12mm	EA	60.00	Patta	
220.00	SS Truss Head Self-Tappin Screw #6 - 1/2"	EA	150.00	Patta	
221.00	Hilti RE 500 V3 Epoxy Anchor	EA	5.00	Hilti	