

Package 2 - Wotje Ground Water Gallery Materials

Ref. No.	Lot 1 - Pipes	Unit	Qty
P2.01.001	DN 450 uPVC Pressure Pipe Series 1, PN 9 in 2.5m Segment. <i>Segment to have two DN 150 Sub Connections located 0.5m from depth open plain end of pipe on opposite sides with other end sealed (end cap or similar approved)</i>	Each	1
P2.01.002	DN 450 uPVC Pressure Pipe Series 1, PN 9 in 2.5m Segment. <i>Segment to have one end RRJ and other side plain ended</i>	Each	1
P2.01.003	DN 150 uPVC Slotted Pipes Series 1, PN 9 (SWJ), 6m Lengths. <i>Slotting pattern to be as follows: 5 Rows of Slots for Each Pipes Slot Width: 1.0mm Slot Spacing: 10mm Slot Length: 50mm</i>	Lengths	40
P2.01.004	DN 100 uPVC Pressure Pipe Series 1, PN 6 (SWJ), 6m Lengths	Lengths	6
P2.01.005	DN 20 uPVC Pressure Pipe Series 1 PN, 6m Length	Lengths	2
P2.01.006	DN 50 Polyethylene Pipe PE 100 SDR 21 PN 8	Lm	200
P2.01.007	DN 63 Polyethylene Pipe PE 100 SDR 21 PN 8	Lm	10
P2.01.008	DN 75 Polyethylene Pipe PE 100 SDR 21 PN 8	Lm	50
P2.01.009	DN 110 Polyethylene Pipe PE 100 SDR 21 PN 8	Lm	150
P2.01.010	DN 100 mPVC Pressure Pipe Series 2, PN 12 (RRJ), 6m Lengths	Lengths	205
Ref. No.	Lot 2 - Poly Fittings	Unit	Qty
P2.02.001	DN 110 - 90 Degree Metric Compression Elbow	Each	8
P2.02.002	DN 110 - 90 Degree Metric Compression Tee	Each	5
P2.02.003	DN 110 x 2" BSP Metric Compression Female Adaptor	Each	10
P2.02.004	DN 110 - Metric Slip / Repair Coupling	Each	5
P2.02.005	DN 75 x DN 50 Metric Reducer	Each	1
P2.02.006	DN 75 x 3" BSP Metric Compression Male Adaptor	Each	6
P2.02.010	DN 50 x 1 1/2" BSP Metric Compression Male Adaptor	Each	1
P2.02.011	DN 50 x 2" BSP Metric Compression Male Adaptor	Each	12
P2.02.012	DN 50 x 2" BSP Metric Compression Female Adaptor	Each	1
P2.02.013	DN 50 x 2" BSP 90 Degree Metric Compression Male Elbow	Each	1
P2.02.014	DN 50 x 2" BSP 90 Degree Metric Compression Female Elbow	Each	5
P2.02.015	DN 50 - 90 Degree Metric Compression Elbow	Each	4
P2.02.016	DN 50 - Poly Screen Filter with 2" BSP Threaded Male Ends	No	3
P2.02.017	DN 50 Air Release Valve (Combination) Triple Action with 2" BSP Male Threaded End	No	3
P2.02.018	DN 50 Check Valve with 2" BSP Male Threaded Ends	No	3
P2.02.019	4" x 3" BSP Threaded Poly Reducing Bush	No	1
P2.02.021	2" x 2" BSP Threaded Poly Nipple	No	4
P2.02.022	2" x 2" BSP Threaded Poly Socket	No	3
P2.02.023	2" x 1" BSP Threaded Poly Reducing Bush	No	1
P2.02.024	2" BSP Threaded Tee (Stainless Steel Reinforced)	No	3
P2.02.025	2" BSP Poly Tank Connector with Backing Nut and Male Threaded Outlet	No	6

P2.02.026	1" BSP Poly Tank Connector with Backing Nut and Male Threaded Outlet	No	6
P2.02.027	5,000L Capacity PE Rota Tank for Portable Water Supply	No	4

Ref. No.	Lot 3 - uPVC Fittings	Unit	Qty
P2.03.001	DN 150 uPVC Socket Coupler (SWJ)	Each	4
P2.03.002	DN 150 UPVC Plain Ended End Cap	Each	2
P2.03.003	100mm Extra High Tank Overflow Kit (Rainwater Harvesting). Kit to be supplied complete with 100mm Rubber Gasket, Extra High Tank Overflow, 100mm Insect Proof Screen & Stainless-Steel Tank	Each	6
P2.03.004	100mm High Flow Insect Proof Flat with Stainless Steel Screen Moulded into a 4" Male and Female PVC Fittings	Each	6
P2.03.005	100mm uPVC 90 Degree Elbow	Each	12
P2.03.006	100mm uPVC Straight Coupling	Each	12

Ref. No.	Lot 4 - Metallic Fittings	Unit	Qty
P2.04.001	DN 50 Multi jet Flow Meter with 2" BSP Male Threaded	No	1
P2.04.002	DN 50 Float Valve With Brass Piston and Backing Nut (2" BSP Threaded End)	No	5
P2.04.003	DN 50 Stainless Steel Lockable Ball Valve with 2" BSP Threaded Female Ends	No	7
P2.04.004	DN 25 Stainless Steel Lockable Ball Valve with 2" BSP Threaded Female Ends	No	6

Ref. No.	Lot 5 - Ductile Iron Fittings	Unit	Qty
P2.05.001	DN 100 x DN 80 Ductile Iron Concentric Reducer, PN 16, FL - FL	Each	1
P2.05.002	DN 100 x 90 Degree Ductile Iron Bend, PN 16, FL - FL	Each	3
P2.05.003	DN 100 x 45 Degree Ductile Iron Bend, PN 16, FL - FL	Each	4
P2.05.004	DN 100 x 11.25 Degree Ductile Iron Bend, PN 16, FL - FL	Each	1
P2.05.005	DN 100 Ductile Iron All Equal Flanged Tee, PN 16	Each	3
P2.05.006	DN 100 Resilient Seated Gate Valve, PN 16	Each	6
P2.05.007	DN 100 Ductile Iron Flange Spigot Connector, PN 16, FL - FL	Each	28
P2.05.008	DN 100 Fully Restrained, Multi-fit Pipe Coupling, PN 16, Complete with Liner (Sealing Range: 104 - 132mm)	Each	4
P2.05.009	DN 100 Universal Straight Coupling, PN 16 (Sealing Range: 109 - 133mm)	Each	38
P2.05.010	DN 100 Tapping Saddle with 50mm BSP Bore	Each	1
P2.05.011	DN 100 Stainless Steel Dressing Set & Gasket, PN 16	Each	42
P2.05.012	DN 80 Fully Restrained Multi-fit Pipe Flange Adaptor (DN 80 Flange, DN65 Socket), PN 16, Complete with Liner. (Sealing Range 71 - 88mm)	Each	5
P2.05.013	DN 80 Stainless Steel Dressing Set & Gasket, PN 16	Each	5

Ref. No.	Lot 6 - Timber	Unit	Qty
P2.06.001	150 x 50mm Pine H3 Grade Rough Cut Timber x 6m Lengths	Lengths	10
P2.06.002	75 x 50mm Pine H3 Grade Rough Cut Timber x 6m Lengths	Lengths	38
P2.06.003	50 x 50 Pine H3 Grade Rough Cut Timber x 6m Lengths	Lengths	20
P2.06.004	Marine Ply (2400 x 1200 x 6.5mm)	Sheet	12
P2.06.005	Non-Structural Form seal Ply (2440 x 1220 x 18mm)	Sheet	32
Ref. No.	Lot 7 - Mechanical Fixings	Unit	Qty
P1.07.001	M10 x 100mm Anchor Bolt Plus Sleeve Anchor Eye Bolt	No	18
P1.07.002	U Bolt 18 x 1/2: with 6" Plate and Nut	No	18
P1.07.003	2 Piece Stainless Steel Vertical Pipe Support for DN 50 Poly Pipe complete with fixings (Distance from Base to Pipe Invert - 300mm)	No	8
Ref. No.	Lot 8 - Building Materials	Unit	Qty
P2.08.001	General Purpose Blended Cement (40kg Bags)	No	198
P2.08.002	Deform Bars Grade 500 High Tensile 12mm x 6m Lengths	Ton	2.7
P2.08.003	200 micron Builders Plastic (1820mm x 60m)	Rolls	8
P2.08.004	Non Woven Geotextile (A14 Bidem or Approved Equivalent) 2000mm Width	Lm	210
P2.08.005	5mm River Aggregate	m3	40
P2.08.006	River Sand	m3	12.22
P2.08.007	20mm Aggregates	m3	13.45
P2.08.008	AP 40 Aggregates	m3	1.8
P2.08.009	Bar Chair Slab-On-Ground 75/90mm	Each	3850
P2.08.010	100mm Flat Head Bright	Kg	2
P2.08.011	75mm Jolt Head Nails	Kg	14
P2.08.012	Binding Wire 14 Gauge	Kg	5
P2.08.013	Galvanised Pipe A Grade 20 x 1.6mm x 5.6 Light Plain End	Each	1
Ref. No.	Lot 9 - Solar Pump & Accessories	Unit	Qty
P2.09.001	Submersible Solar Pump with Helical Rotar & 50m Pumping Head. The Pump Set is to be supplied complete with Motor Controller, and all associated fittings, including cabling for control unit, pump and PV Panel, accessories, well probe, check valve, pump support, PV Panels & Power Coated Aluminium Fixed Angle Modular Solar Panel Frame as per the manufacture's specifications and	Item	1
Ref. No.	Lot 10 - Consumables / Miscellaneous Items	Unit	Qty
P2.10.001	4" Pressure Gauge (Range 0 - 100) mmH ₂ O Scale with Copper Alloy wetted parts & Stainless-Steel Casing. 1" BSP Threaded Male Outlet	Each	1

P2.10.002	Detectable Blue Underground Marking Tape (Blue Background, "Danger" Buried Water Mains Below") 100mm Wide Tape	Lm	1000
P2.10.003	Denso Tape	Roll	10
P2.10.004	Bactericidal Pipe Joint Lubricant	Kg	10
P2.10.005	DN 100 Spare Rubber Ring for RRJ Socket	Each	50
P2.10.006	Thread Seal Tape 12mm x 0.08mm x 10m	Each	260
P2.10.007	Tarpaulin 30 x 40ft Sliver 120 gsm	Each	4
P2.10.008	PVC Solvent Cement (1L Container)	Litre	5
P2.10.009	PVC Clear Primer	Litre	5
P2.10.010	4" Paint Brush	Liter	4
P2.10.011	Rust Arrest Alkyd Anti-Corrosive Primer	Liter	2
P2.10.012	12mm x 250m Nylon Rope	Coil	1
P2.10.013	12mm x 20m PE Rope	Coil	4
P2.10.014	String Line Reel with Rewind Hand Crank (3mm x 41m)	Each	5
P2.10.015	Paint Roller Tray (285mm)	Each	6
P2.10.016	Paint Roller Handle (230mm)	Each	6
P2.10.017	Roller Sleeve 9" x 1/4"	Each	24
P2.10.018	50mm High Security Solid Brass Padlock	No	2
P2.10.019	Rectangular Meter Box, Heavy Duty. Min 492L x 271W x 316H	Each	2
P2.10.020	50mm x 9m 2.5T Heavy Duty Tie Down Ratchet	Each	8

Ref. No.	Lot 11 - Tools & Equipment	Unit	Qty
P2.11.001	Valve T Key	Each	2
P2.11.002	14 Piece Metric Ring & Open-End Spanner Set	Set	2
P2.11.003	18" Aluminium Pipe Wrench	Each	2
P2.11.004	48" Aluminium Pipe Wrench	Each	2
P2.11.005	12" Adjustable Wrench (Max Opening 55mm)	Each	2
P2.11.006	300mm Hack Saw	Each	2
P2.11.007	300mm Hack Saw Blade	Each	10
P2.11.008	1800mm x 25mm Hexagonal Crowbar	Each	5
P2.11.009	Long Handle Plumbers Shovel	Each	5
P2.11.010	Rasp File	Each	4
P2.11.011	Flat File	Each	4
P2.11.012	Toolbox	Each	2

Ref. No.	Lot 12 - Manhole Cover & Frame	Unit	Qty
P2.12.001	DN 600mm Ductile Iron Lockable Manhole Cover Complete with frame system, D400 loading class. The Manhole covering shall have 2 openings of 63mm Dia meter to account for external	Item	1
P2.12.002	25mm x 3.2mm x 1m Long Galvanised Pipe	Item	1
P2.12.003	Universal Opening Bar (Compatible with P2.10.001)	Each	4