



SUPPLY, DELIVERY AND PROVISION OF THE LOCAL AREA NETWORK CABLING AND MAINTENANCE SERVICES AT RAND WATER FOR A DURATION OF FIVE (5) YEARS

BID NUMBER: RW10398796/22

C2.2. PRICING SCHEDULES / BILLS OF QUANTITIES (BoQ)

LAN Cabling Information										
Site Name	Floor	No. of Users	No. of Points	Type of Fibre	Cabling Route Available		Patch Cabinet Required		Distance in Meters	
					Available	Not Available	Yes	No	Server Room	Patch Cabinet
Rietvlei (Head Office)										
1. Rietvlei-Survey	3	144			Available		Floor		150	
2. Scientific/Funding	3 (New Wing)	72		Multimode	Available		Floor		500	
3. Records	3	120		Multimode	Available		Floor		200	
4. Architecture	2	72		Multimode	Available		Wall mounted		120	
5. IT	1	96		Multimode	Available		Wall mounted		100	
6. CE	5	72		Multimode	Available		Wall mounted		250	
7. HR/Legal	4	120		Multimode	Available		Wall mounted		250	
8. Forensic	4	24		Multimode	Available		Wall mounted		200	
9. Medical Aid/Treasury	3	72		Multimode	Available		Wall mounted		550	
10. Project	5	192		Multimode	Available		Wall mounted		140	
11. Foundation/CSC	5	192		Multimode	Available		Wall mounted		350	
12. Automation	2	96		Multimode	Available		Wall mounted		N/A	
13. Projects	2	48		Multimode	Available		Wall mounted		140	
14. Auditors	3	96		Multimode	Available		Wall mounted		50	
15. Costing/FSS/Procurement	4	120		Multimode	Available		Wall mounted		400	
16. Switchboard	1	7		Multimode	Available		Wall mounted		50	
Total Number of Users										
1392										
Bulk Water Distribution and Zwartkoppies										
Site Name	Floor	No. of Users	No. of Points	Type of Fibre	Cabling Route Available		Patch Cabinet Required		Distance in Meters	
					Available	Not Available	Yes	No	Server Room	Patch Cabinet
Barrage										
17. Barrage (Kitchen)	N/A	4		Single mode	Available		Wall mounted		150	

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Bulk Water Distribution										
18. Admin Building	N/A	25		N/A	Available		N/A		N/A	
19. EMS	N/A	6		N/A	N/A		N/A		300	
20. Transport	N/A	10		Multimode	Available		N/A		250	
21. BWD Risk	N/A	20		N/A	Available		150		N/A	
22. Meter Shop Carpenter	N/A	16		N/A	Available		N/A		N/A	
23. Mechanical Workshop	N/A	N/A		N/A	Available		Wall mounted		N/A	
24. Meter Shop Carpenter	N/A	16		N/A	Available		N/A		N/A	
25. Meter Shop Carpenter	N/A	16		N/A	Available		N/A		N/A	
26. Mechanical Workshop	N/A	13		N/A	Available		N/A		N/A	
27. Stores	N/A	19		N/A	Available		N/A		150	
28. EMS	N/A	7		N/A	N/A		Wall mounted		300	
29. Transport	N/A	22		N/A	N/A		Wall mounted		250	
30. BWD Risk Gate	N/A	20		N/A	Available		N/A		300	
31. Daleside	N/A	1		N/A	N/A		N/A		25	
Site Name	Floor	No. of Users	No. of Points	Type of Fibre	Cabling Route Available		Patch Cabinet Required		Distance in Meters	
					Available	Not Available	Yes	No	Server Room	Patch Cabinet
Eikenhof										
32. Eikenhof No. 1	N/A	6		N/A	N/A		N/A		N/A	
33. Maintenance	N/A	4		N/A	Available		Wall mounted		250	
34.Eikenhof No. 2	N/A	4		N/A	Available		N/A		300	
34. Eikenhof Rish Gate	N/A	4		N/A	Available		N/A		200	
Site Name	Floor	No. of Users	No. of Points	Type of Fibre	Cabling Route Available		Patch Cabinet Required		Distance in Meters	
					Available	Not Available	Yes	No	Server Room	Patch Cabinet
Forest Hill										
35. Forest Hill	N/A	5		N/A	N/A		Wall mounted		N/A	
Site Name	Floor	No. of Users	No. of Points	Type of Fibre	Cabling Route Available		Patch Cabinet Required		Distance in Meters	
					Available	Not Available	Yes	No	Server Room	Patch Cabinet
Libanon										
36. Libanon	N/A	6		N/A	N/A		Wall mounted		N/A	

Site Name	Floor	No. of Users	No. of Points	Type of Fibre	Cabling Route Available		Patch Cabinet Required		Distance in Meters	
					Available	Not Available	Yes	No	Server Room	Patch Cabinet
Mapleton										
37. Mapleton Operation	N/A	8		N/A	Available		N/A		N/A	
38. Mapleton Risk Gate	N/A	4		N/A	N/A		N/A		N/A	
Site Name	Floor	No. of Users	No. of Points	Type of Fibre	Cabling Route Available		Patch Cabinet Required		Distance in Meters	
					Available	Not Available	Yes	No	Server Room	Patch Cabinet
ZK Admin Building Stores										
39. Stores	N/A	N/A		N/A	Available		N/A		N/A	
40. LAB	N/A	6		N/A	N/A		N/A		N/A	
41. Risk Office	N/A	16		N/A	N/A		N/A		N/A	
42. Admin Building	N/A	N/A		N/A	N/A		N/A		N/A	
43. HR	N/A	8		N/A	N/A		N/A		100	
44. Planning	N/A	32		N/A	N/A		N/A		150	
Mechanical/Electrical	N/A	8		N/A	N/A		N/A		200	
45. Hostel/Clinic/B-Rack	N/A	8		N/A	N/A		N/A		2	
46. Clinic	N/A	6		N/A	N/A		N/A		2	
47. Hostel	N/A	6		N/A	N/A		N/A		2	
48. B-Rack	N/A			N/A	N/A		N/A		2.2	
49. Barrage Kitchen	N/A	4		N/A	N/A		N/A		150	
50. Operation	N/A	6		N/A	N/A		N/A		1	
51. Operation and Auxiliary	N/A	6		N/A	N/A		N/A		50	
52. Conference Centre	N/A	4		N/A	N/A		N/A		1	
Site Name	Floor	No. of Users	No. of Points	Type of Fibre	Cabling Route Available		Patch Cabinet Required		Distance in Meters	
					Available	Not Available	Yes	No	Server Room	Patch Cabinet
Zuurbekom										
53. Zuurbekom	N/A	6		N/A	N/A		N/A		N/A	
Analytical Services										
Site Name	Floor	No. of Users	No. of Points	Type of Fibre	Cabling Route Available		Patch Cabinet Required		Distance in Meters	
					Yes	No	Yes	No	Server Room	Patch Cabinet
54. In-Organic	2	90		Single Mode	Available		Wall mounted		20	
55. Hydro	2	120		Single Mode	Available		Wall mounted		40	

56. Micro	1	90		Single Mode	Available		Wall mounted		40	
57. Organic	1	80		Single Mode	Available		Wall mounted		15	
58. Finance and Stores	1	18		N/A			Floor		N/A	
59. LCS, Back Office and Maintenance	1	32		Single Mode	Available		Wall mounted		20	
60. IT and HR	1	17		N/A	Available		Wall mounted		12	
61. Process Tech	1	91		N/A	Available		Wall mounted		300	
62. Water Wise/Water Wise house	1	28		Single Mode	Available		Wall mounted		25	
Total No. of Users		566								
Vereeniging										
Site Name	Floor	No. of Users	No. of Points	Type of Fibre	Cabling Route Available		Patch Cabinet Required		Distance in Meters	
					Yes	No	Yes	No	Server Room	Patch Cabinet
63. Main Building	4	30		N/A	N/A		N/A		20	
64. Risk Complex	1	15		N/A	Available		N/A		100	
65. HR Training Centre	1	19		N/A	Available		N/A		150	
66. Water Wize	1	20		N/A	Available		N/A		150	
67. Main Gate	1	4		N/A	Available		N/A		180	
68. Rec Club	1	2		N/A		No	N/A		200	
69. Hostel	1	10		N/A	Available		N/A		3KM	
70. Plant Gate	1	3		N/A		No	N/A		250	
80. Shifty Office/Telemetry	2	20		N/A	Available		N/A		1KM	
81. Engine Room-2	1	4		N/A	Available		N/A		1.5KM	
82. Filter House-1	2	3		N/A	Available		N/A		1.5KM	
83. Filter House-2	2	2		N/A	Available		N/A		1KM	
84. Station LAB	2	12		N/A	Available		N/A		2KM	
85. Sedimentation	1	4		N/A	Available		N/A		2KM	
86. Castel House	1	3		N/A	Available		N/A		3KM	
87. Clinic	1	4		N/A	Available		N/A		2.5KM	
88. Engine Room-4	1	18		N/A	Available		N/A		4KM	
89. EMS	1	6		N/A	Available		N/A		4KM	
90. Main Stores	1	10		N/A	Available		N/A		4KM	
91. Electrical Department	1	6		N/A	Available		N/A		3.8KM	

92. Mechanical Department	2	18		N/A	Available		N/A		3.5KM	
93. Civil Department	1	10		N/A	Available		N/A		3.8KM	
94. Instruments Department	2	10		N/A	Available		N/A		3KM	
Zuikerbosch										
Site Name	Floor	No. of Users	No. of Points	Type of Fibre	Cabling Route Available		Patch Cabinet Required		Distance in Meters	
					Yes	No	Yes	No	Server Room	Patch Cabinet
94. Engine Room-4	1	30		N/A	N/A		Yes		100	
95. Admin Building HR, Finance, Exec Office	2	20		N/A	Available		Wall mounted		2KM	
96. Electrical Workshop	1	12		N/A	Available			N/A	2KM	
97. Filter House	1	24		N/A	Available			N/A	N/A	
98. Clinic, Kitchen Office and Facility Office	1	10		N/A	N/A		Wall mounted		N/A	
99. Rand Water Academy	1	20		N/A		N/A	N/A		N/A	
100. Risk	1	30		N/A	Available		N/A		N/A	
101. Main Gate	1	10		N/A	N/A		N/A		N/A	
Site Name	Floor	No. of Users	No. of Points	Type of Fibre	Cabling Route Available		Patch Cabinet Required		Distance in Meters	
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102. Lime Plant and 2-Works Gate	1	N/A		N/A	Available		N/A		1km	
103. 2-Works Planning , Electrical-2 and Stores	1	24		N/A	Available		N/A		500	
104. Filter House-2B and Alumn Houses	1	10 Devices		N/A	Available		N/A		1.5Km	
105. Slaker House 3 and 4 Filter-4C and Central Sludge	1	9 Devices		N/A	Available		N/A		1Km	
Site Name	Floor	No. of Users	No. of Points	Type of Fibre	Cabling Route Available		Patch Cabinet Required		Distance in Meters	
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106. Engine Room-3	1	12 Devices		N/A	N/A		N/A		1Km	
107. Station-5	1	24		N/A	Available		N/A		N/A	
108. Panfontein	1	20		N/A	Available		N/A		N/A	
109. Porta Camp	1	12		N/A	Available		N/A		N/A	
Site Name	Floor	No. of Users	No. of Points	Type of Fibre	Cabling Route Available		Patch Cabinet Required		Distance in Meters	
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110. Estates	1	10		N/A	N/A		N/A		2Km	
111. Planning at 1-Works	1	15		N/A	Available		N/A		2Km	

112. 1-Works Gate	1	12 Devices		N/A	Available		N/A		1.5Km	
113. Civil, Stores and Lime Plant Gate	1	20		N/A	Available		N/A		N/A	

Total Number of Existing Local Area Network Points	0	
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PRICING SCHEDULE/BILLS OF MATERIAL	Column1
DESCRIPTION	AMOUNT
Local Area Network Cabeling and Labelling (as per extisting Local Area Network Points)	
Removal and Disposal of Previously installed Local Area Network Cables	
Project Management	
Professional Technical support services	
Maintenance and Adhoc installation of Local Area Network as and when required	
Grand Total excluding VAT	
Grand Total including VAT	

NB: Total Estimated Amount Including VAT, this amount must be carried to form of offer