



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 | |

| 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 |
| 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 | |
| Eikenhof | | | | | | | | | | |
| 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 | |
| Forest Hill | | | | | | | | | | |
| 35. Forest Hill | N/A | 5 | | N/A | N/A | | Wall mounted | | N/A | |
| Libanon | | | | | | | | | | |
| 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 |
| 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 | |

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|-----------------------------|-------|--------------|---------------|---------------|-------------------------|---------------|------------------------|----|--------------------|---------------|
| | | | | | 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 | |

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|---------------|-------|--------------|---------------|---------------|-------------------------|---------------|------------------------|----|--------------------|---------------|
| | | | | | 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 | |

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|--|-------|--------------|---------------|---------------|-------------------------|---------------|------------------------|----|--------------------|---------------|
| | | | | | Available | Not Available | Yes | No | Server Room | Patch Cabinet |
| | | | | | | | | | | |
| 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 | |

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|--------------------|-------|--------------|---------------|---------------|-------------------------|---------------|------------------------|----|--------------------|---------------|
| | | | | | Available | Not Available | Yes | No | Server Room | Patch Cabinet |
| | | | | | | | | | | |
| 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 | |
|--------------------------|-------|--------------|---------------|---------------|-------------------------|---------------|------------------------|----|--------------------|---------------|
| | | | | | Available | Not Available | Yes | No | Server Room | Patch Cabinet |
| | | | | | | | | | | |
| 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 |
|---|----------|

| PRICING SCHEDULE/BILLS OF MATERIAL | Column1 |
|---|---------|
| DESCRIPTION | AMOUNT |
| Local Area Network Cabeling and Labelling (as per existing 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