

SANSA Matjiesfontein



Date: 4 December 2024

Project Name: SANSA Matjiesfontein

Project Number: C468

Scope: Passive Network - Fibre Reticulation and Data Cabling

EES Live (Pty) Ltd
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Notes

1. This Price Schedule (Bill of Quantities (BOQ)) forms part of the Contract Documents and is to be read in conjunction therewith. It shall be fully completed and returned upon the closing date.
2. All prices or tariffs must be given against each item of the Price Schedule irrespective of any quantities given. The cost of items, not priced shall be taken as included in other prices or tariffs in the Price Schedule.
3. Reference shall be made to the project and standard specifications for the full meaning and description of work to be done and material/equipment to be used.
4. Preliminary amount of costs shall be treated as described in the Conditions of Contract and the Specification.
5. A rate shall be given for each item in the Price Schedule, irrespective whether a quantity has been measured for tender purposes or not. Such rates may be used for variations.
6. The unit rates entered in the Price Schedule shall include the cost of all smaller items necessary for complete installation according to the Specification.
7. If any requirements of the Specification are not covered by items in the Price Schedule the Tenderer shall allow therefore in the penultimate item of the Schedule.
8. Since the Specification is for a complete operational system, the rates submitted shall cover the cost of associated items not specifically listed, but which are required for a complete installation in terms of the Specification.
9. The quantities in the Price Schedule are approximate and it shall not be taken as an increase or decrease in the quantity of equipment to be supplied or installed.
10. No orders shall be placed on the basis of the quantities in the Schedule, but shall be verified on site.
11. The Contractor will be paid according to the nett final measurement. The Contractor must allow in the rates for all cutting and waste.
12. No alterations, addition or erasure may be made to the text of the Schedule. If such an alteration, addition or erasure is made it shall not be acknowledged and the original wording of the text shall apply.
13. The unit prices entered against each item shall be accepted as being the correct unit price Tendered for, for the completion of the Work. Should any difference appear between the sum total of the scheduled item prices and that of the Tender price, the Client shall have the right to adjust the individual prices as he may deem necessary in order that the sum total of the unit prices and that of the Tender price agrees.
14. Prices and items submitted, which are not requested in the tender BOQ, will not be considered as contractually binding.
15. The final Contract price shall be measured to the actual installed materials and work done and priced to the unit rates as stated in the Price Schedule.
16. All rates shall include supply, delivery, erection, waste, testing, commissioning and guarantee of material or equipment. Unless otherwise stated.
17. Any assumptions made, or non-compliant attributes are to be raised by tenderer and clarified in bid document
18. The contractor is responsible for ensuring the highest standard of quality in construction and installation of all relevant BOQ items

ELECTRONIC INSTALLATION - Passive Network - Fibre Reticulation and Data Cabling Part C1.2.7

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Scope Passive Network - Fibre Reticulation and Data Cabling



Item	Description	Units	Quantity	Supply Rate	Install Rate	Total
0100	Preliminary & General - Fixed					
0101	Contractual Requirements	Sum	1	R0.00	R0.00	R0.00
0102	Insurances	Sum	1	R0.00	R0.00	R0.00
0103	Temporary Offices & Storage	Sum	1	R0.00	R0.00	R0.00
0104	Portable Water	Sum	1	R0.00	R0.00	R0.00
0105	Electrical Power	Sum	1	R0.00	R0.00	R0.00
0106	Compressed Air	Sum	1	R0.00	R0.00	R0.00
0107	Cranage	Sum	1	R0.00	R0.00	R0.00
0108	Sanitary Facilities	Sum	1	R0.00	R0.00	R0.00
0109	Telephone Facilities	Sum	1	R0.00	R0.00	R0.00
0110	Scaffolding	Sum	1	R0.00	R0.00	R0.00
0111	Employee Accommodation	Sum	1	R0.00	R0.00	R0.00
0112	Equipment & Small Tools	Sum	1	R0.00	R0.00	R0.00
0113	Head office Staff	Sum	1	R0.00	R0.00	R0.00
0114	Site Staff	Sum	1	R0.00	R0.00	R0.00
0115	Safety Conditions, Site Rules & Regulations	Sum	1	R0.00	R0.00	R0.00
0116	Medical Examination	Sum	1	R0.00	R0.00	R0.00
0117	Security Clearance	Sum	1	R0.00	R0.00	R0.00
0118	Site Meetings	Sum	1	R0.00	R0.00	R0.00
0119	Programme, Project Planning & Control	Sum	1	R0.00	R0.00	R0.00
0120	Weather Conditions	Sum	1	R0.00	R0.00	R0.00
0121	Freight and Duties	Sum	1	R0.00	R0.00	R0.00
0122	Travel	Sum	1	R0.00	R0.00	R0.00
0123	Testing Authority	Sum	1	R0.00	R0.00	R0.00
0124	Remote Location Overhead Costs In addition to the item above provide a lump sum cost for any additional expenses associated with working at the remote project site, located approximately 230 km from Cape Town and 5 km south of Matjiesfontein. This includes transportation of materials and personnel, accommodation, site establishment, and any other costs related to the remote nature of the location. Note: The rates in the remainder of the Bill of Quantities (BOQ) must exclude these costs, as they are to be priced under this item.	Sum	1	R0.00	R0.00	R0.00
Sub Total (carried forward to summary)						R0.00

**ELECTRONIC INSTALLATION - Passive Network -
Fibre Reticulation and Data Cabling
Part C1.2.7**

Project SANSA Matjiesfontein

Scope Passive Network - Fibre Reticulation and Data Cabling



Item	Description	Units	Quantity	Supply Rate	Install Rate	Total
0400	Quality Systems					
0401	Quality Systems	Sum	1	R0.00	R0.00	R0.00
0500	Testing & Commissioning					
0501	Testing & Commissioning	Sum	1	R0.00	R0.00	R0.00
0600	12 Month Guarantee and Maintenance					
	Monthly Costs	Sum	1	R0.00	R0.00	R0.00
	Fixed Costs	Sum	1	R0.00	R0.00	R0.00
0700	Training & Handover Documentation					
0701	Training	Sum	1	R0.00	R0.00	R0.00
0702	Operation & Maintenance Manuals	Sum	1	R0.00	R0.00	R0.00
	Sub Total (carried forward to summary)					R0.00

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Item	Description	Part Number	Units	Quantity	Supply Rate	Install Rate	Total
1700	Fibre Reticulation						
1701	Backbone Fibre Cable - OS2 - 24C - SM - unarmoured - HDPE sheath		m	2000	R0.00	R0.00	R0.00
1702	Backbone Fibre Cable - OS2 - 12C - SM - unarmoured - HDPE sheath		m	1000	R0.00	R0.00	R0.00
1703	Splice Closure - 24F - Passthrough splicing capability- water sealed containment		Qty	10	R0.00	R0.00	R0.00
1704	Backbone 12 -Way HDPE Microduct Bundle		m	2000	R0.00	R0.00	R0.00
1705	Distribution 4 -Way HDPE Microduct Bundle		m	1000	R0.00	R0.00	R0.00
1706	Fibre Testing		Sum	1	R0.00	R0.00	R0.00
	DIT testing		Sum	1	R0.00	R0.00	R0.00
	Splicing		Qty	100	R0.00	R0.00	R0.00
	Labelling		Qty	20	R0.00	R0.00	R0.00
	Sundries - Any Sundries required to complete the Installation		Sum	1	R0.00	R0.00	R0.00
	Sub Total (carried forward to summary)						R0.00

Final order lengths to be confirmed with EES before purchase

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Item	Description	Part Number	Units	Quantity	Supply Rate	Install Rate	Total
1700	Main Building						
1701	Backbone Fibre Cable - OS2 - 24C - SM - unarmoured - HDPE sheath		m	200	R0.00	R0.00	R0.00
1703	Splice Closure - 24F - Passthrough splicing capability- water sealed containment		Qty	0	R0.00	R0.00	R0.00
1706	Fibre Testing		Sum	1	R0.00	R0.00	R0.00
1711	24 Port CAT6A fully loaded patch panel		Qty	9	R0.00	R0.00	R0.00
1712	CAT6A Cable - U/UTP		m	13920	R0.00	R0.00	R0.00
1713	CAT6A 1.5m Patch lead		Qty	464	R0.00	R0.00	R0.00
1714	CAT6A data outlet		Qty	232	R0.00	R0.00	R0.00
1715	Fibre splice/patch panel - 144 core - SM - fully loaded - with pigtails		Qty	1	R0.00	R0.00	R0.00
1716	Fibre splice/patch panel - 48 core - SM - fully loaded - with pigtails		Qty	2	R0.00	R0.00	R0.00
1717	Fibre patch lead - SM -1.5m - LC/APC		Qty	36	R0.00	R0.00	R0.00
1718	Cat6A Cable Testing		Sum	1	R0.00	R0.00	R0.00
	Splicing		Qty	96	R0.00	R0.00	R0.00
	Labelling		Sum	1	R0.00	R0.00	R0.00
	Slack management		Sum	3	R0.00	R0.00	R0.00
	Sundries - Any Sundries required to complete the Installation		Sum	1	R0.00	R0.00	R0.00
	Sub Total (carried forward to summary)						R0.00

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Item	Description	Part Number	Units	Quantity	Supply Rate	Install Rate	Total
1700	Gatehouse						
1701	Backbone Fibre Cable - OS2 - 24C - 5M - unarmoured - HDPE sheath		m	0	R0.00	R0.00	R0.00
1703	Splice Closure - 24F - Passthrough splicing capability- water sealed containment		Qty	0	R0.00	R0.00	R0.00
1706	Fibre Testing		Sum	0	R0.00	R0.00	R0.00
1711	24 Port CAT6A fully loaded patch panel		Qty	2	R0.00	R0.00	R0.00
1712	CAT6A Cable - U/UTP		m	3300	R0.00	R0.00	R0.00
1713	Cat6A 1.5m Patch lead		Qty	110	R0.00	R0.00	R0.00
1714	CAT6A data outlet		Qty	55	R0.00	R0.00	R0.00
1716	Fibre splice/patch panel - 48 core - 5M - fully loaded - with pigtails		Qty	1	R0.00	R0.00	R0.00
1717	Fibre patch lead - 5M -1.5m - LC/APC		Qty	4	R0.00	R0.00	R0.00
1718	Cat6A Cable Testing		Sum	1	R0.00	R0.00	R0.00
	Splicing			0	R0.00	R0.00	R0.00
	Labelling		Sum	1	R0.00	R0.00	R0.00
	Slack management		Sum	1	R0.00	R0.00	R0.00
	Sundries - Any Sundries required to complete the Installation		Sum	1	R0.00	R0.00	R0.00
Sub Total (carried forward to summary)							R0.00

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Item	Description	Part Number	Units	Quantity	Supply Rate	Install Rate	Total
1700	Generator Building						
1701	Backbone Fibre Cable - OS2 - 24C - SM - unarmoured - HDPE sheath		m	0	R0.00	R0.00	R0.00
1703	Splice Closure - 24F - Passthrough splicing capability- water sealed containment		Qty	0	R0.00	R0.00	R0.00
1706	Fibre Testing		Sum	0	R0.00	R0.00	R0.00
1711	24 Port CAT6A fully loaded patch panel		Qty	2	R0.00	R0.00	R0.00
1712	CAT6A Cable - U/UTP		m	3300	R0.00	R0.00	R0.00
1713	Cat6A 1.5m Patch lead		Qty	110	R0.00	R0.00	R0.00
1714	CAT6A data outlet		Qty	55	R0.00	R0.00	R0.00
1716	Fibre splice/patch panel - 48 core - SM - fully loaded - with pigtails		Qty	1	R0.00	R0.00	R0.00
1717	Fibre patch lead - SM - 1.5m - LC/APC		Qty	4	R0.00	R0.00	R0.00
1718	Cat6A Cable Testing		Sum	1	R0.00	R0.00	R0.00
	Splicing		Sum	0	R0.00	R0.00	R0.00
	Labelling		Sum	1	R0.00	R0.00	R0.00
	Slack management		Sum	1	R0.00	R0.00	R0.00
	Sundries - Any Sundries required to complete the Installation		Sum	1	R0.00	R0.00	R0.00
Sub Total (carried forward to summary)							R0.00

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Item	Description	Units	Quantity	Supply Rate	Install Rate	Total
	PC Sums					
0801	PC Sum	Sum	1	R0.00	R0.00	R0.00
Sub Total (carried forward to summary)						R0.00

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Item	Description	Total
	Price Summary	
0100	Preliminary & General - Fixed	R0.00
0400 - 0700	Quality Systems, Testing & Commissioning, Guarantee and Maintenance, Training & Handover	R0.00
1700	Complex Fibre Reticulation	R0.00
1700	Passive Network - Main Building	R0.00
1700	Passive Network - Gate House Building	R0.00
1700	Passive Network - Generator Building	R0.00
0800	PC Sums	R0.00
	Total ex VAT carried to BILL NO.17 ELECTRONIC INSTALLATION - PASSIVE NETWORK - FIBRE RETICULATION AND DATA CABLING Part C1.2.7	R0.00