

SARS Musina**SCHEDULE OF QUANTITIES : FIRE PROTECTION****SCHEDULE A: Preambles to bills of quantities**

ITEM	DESCRIPTION	UNIT	QTY		AMOUNT
A	PREAMBLES TO BILLS OF QUANTITIES				
A1	These Bills of Quantities contain pages numbered consecutively.				
A2	Before the Tenderer submits his tender he should check the number of pages, and if any are found missing or duplicated, or the figures or writing indistinct, he should apply to the Engineer at once and have same rectified as no liability whatsoever will be admitted by the Engineer in respect of errors in tender due to the foregoing.				
A3	The Bills of Quantities form part of and must be read in conjunction with the Specification, which document contains the full description of the work to be done and material and equipment to be used and unless otherwise described in the Bills of Quantities, reference should be made to the Specification for the full meaning of descriptions of work to be done and materials and equipment to be used in this service.				
A4	All item rates and extensions must be priced in detail before submission of Tenders..				
A5	The total tender price in the bill shall constitute the contract price of the successful Tenderer.				
A6	Tenderers are advised to check their item extensions and total additions, as no claim for arithmetical errors will be considered.				
A7	No alteration, erasure or addition is to be made in the text of the Bills of Quantities. Should any alteration, erasure or addition be made, it will not be recognised but the original wording of the Bills of Quantities will be adhered to.				
A8	The priced Bills of Quantities of the successful Tenderer will be checked and the Engineer reserves the right to call for adjustments to any individual price and to rectify any discrepancy whilst the Total Tender Price, as submitted, remains unaltered.				
A9	The responsibility for the accuracy of the quantities written into the Bills remains with the person who prepared the Bills. The Tenderer shall be relieved of responsibility of measuring quantities at the tender stage, and the tender in the Bills, although he will be required to make his assessment of items such as brackets, fixings, etc., from details stated in the Bills and shall include in the item price for such small installation materials as are required for the complete installation in accordance with the specification.				

SARS Musina**SCHEDULE OF QUANTITIES : FIRE PROTECTION****SCHEDULE A1: Preambles to bills of quantities**

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
A10	The quantities in these Bills of Quantities are <u>provisional</u> and are not to be used for ordering materials.				
A11	Variations in the scope and extent of the work included in the Bills shall be allowed to meet the Employer's requirements and shall be measured and costed at rates entered in the Bills, where appropriate, and shall form an addition to or deduction from the total of the Bills. Any items or variation for which rates have not been included in the Bills shall be agreed and priced as non-scheduled items in accordance with the provisions of the contract.				
A12	Unless a separate rate for the supply and for the installation of any items is specifically called for, the supply and installation costs of any item shall be fully included in the unit price.				
A13	The description of each item shall, unless otherwise stated herein, be held to include making, conveying and delivery, unloading storing, unpacking, hoisting, setting, fitting and fixing in position, cutting and waste, patterns, models and templates, plant, temporary works, return of packings, establishment charges, profit and all other obligations arising out of the Conditions of Contract.				
A14	All measurements are nett, unless otherwise stated, and Tenderers must allow in the rate for wastage.				
A15	Hangers, supports, splices, joining drilling etc shall form part of unit rate.				
A16	All materials or equipment specified under a trade name, catalogue or reference number shall, for competitive tender pricing, be exactly as described in this tender.				
A17	Where references are indicated in the Bills it is only for ease of reference and not exhaustive.				

SCHEDULE B1: Preambles to bills of quantities

[illegible]

SARS Musina**SCHEDULE OF QUANTITIES : FIRE PROTECTION**

Schedule C1: Preliminaries and General

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
C1	PRELIMINARY AND GENERAL				
1.1	Progress for Measurement	Item	Sum		
1.2	Tests and Inspections	Item	Sum		
1.3	Preparation of Operating and Maintenance Manuals	No	3		
1.4	As-Built Drawings	Item	Sum		
1.5	12 Month Guarantee and Maintenance	Item	Sum		
1.6	Programming of the Work	Item	Sum		
1.7	Testing & Commissioning	Item	Sum		
1.8	Equipment Submissions	Item	Sum		
1.9	Contract Drawings	Item	Sum		
1.10	Contract Management	Item	Sum		
1.11	Truck Trips	Item	Sum		
1.12	Van and Car Trips	Item	Sum		
1.13	Spares as Specified	Item	Sum		
1.14	Equipment Labels	Item	Sum		
Total Carried to Summary Page					R -

SARS Musina**SCHEDULE OF QUANTITIES : FIRE PROTECTION**

Schedule C2: Passive Fire Fighting Equipment

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
C2	FIRE HYDRANT AND HOSE REELS				
2.1	Fire Hose Reel Removing, moving, installation, connection, testing and commissioning of a SABS approved fire hose reel including, hangers, brackets and painting. Existing hose reels to be used and moved.				
2.1.1	Removing of hose reels	No	7		
2.1.2	Re-installing hose reels, including connection, testing, etc, as mentioned above. Piping - 50Ø. Final connection points to be confirmed on site.	No	7		
2.1.3	New routes to be as per the drawings. Includes all bends, tees, tie-ins, brackets, painting, etc.	m	110		
2.2	PORTABLE FIRE EXTINGUISHERS				
2.2.1	Portable Fire Extinguishers Supply, delivery, installation, connection and testing of a SABS approved portable fire extinguishers complete with purpose made hanging brackets and backing boards.				
2.2.1.1	Dry Chemical Powder - 9kg	No	30		
2.3	BOOSTER CONNECTION				
2.3.1	Supply, install, test and commission a SABS approved booster connection to be installed as shown on the drawings.	No	1		
2.4	SUCTION HYDRANT				
2.4.1	Supply, install, test and commission an SABS approved 100mm diameter suction hydrant as shown on the drawings.	No	1		
2.5	FIRE SIGNAGE Supply, delivery and installation of approved SANS approved photoluminescent signage, complete with aluminium frame and hanging/mounting brackets Refer to the specifications for signage legend and codes				
2.5.1	Photoluminescent Signage as per the drawings.	Item	115		
Total Carried to Summary Page					

SCHEDULE D: SUMMARY

Total carried forward to final summary sheet	
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