

ANNEXURE 1A: BILL OF QUANTITIES (BOQ) & SAFETY FILE

1. Pricing Schedule

1.1 Material Price Schedule

#	Description	Unit	Year 1 Rates (excl.Vat)	Year 2 Rates (excl.Vat)	Year 3 Rates (excl.Vat)
1.	Service 1 kg STP extinguishers	Each	R	R	R
2.	Service 1.5 kg STP extinguishers	Each	R	R	R
3.	Service 2.5 kg STP extinguishers	Each	R	R	R
4.	Service 4.5 kg STP extinguishers	Each	R	R	R
5.	Service 9 kg STP extinguishers	Each	R	R	R
6.	Service 50 kg STP extinguishers	Each	R	R	R
7.	Service 2 kg co2 extinguishers	Each	R	R	R
8.	Service 5 kg co2 extinguishers	Each	R	R	R
9.	Service 6.8 kg co2 extinguishers	Each	R	R	R
10	Service 50 kg co2 extinguishers	Each	R	R	R
11	Recharge 1 kg STP extinguishers	Each	R	R	R
12	Recharge 1.5 kg STP extinguishers	Each	R	R	R
13	Recharge 2.5 kg STP extinguishers	Each	R	R	R
14	Recharge 4.5 kg STP extinguishers	Each	R	R	R
15	Recharge 9 kg STP extinguishers	Each	R	R	R
16	Recharge 50 kg STP extinguishers	Each	R	R	R
17	Recharge 2 kg co2 extinguishers	Each	R	R	R
18	Recharge 5 kg co2 extinguishers	Each	R	R	R
19	Recharge 6.8 kg co2 extinguishers	Each	R	R	R
20	Recharge 50 kg co2 extinguishers	Each	R	R	R
21	Service existing fire hose reel	Each	R	R	R
22	Supply and fit new hose reel and frame.	Each	R	R	R
23	Supply and fit new 30 m hose.	Each	R	R	R
24	Supply and fit new nozzle	Each	R	R	R
25	Supply and fit new clamp	Each	R	R	R



26	Supply and fit fire hose reel CP valve	Each	R	R	R
27	Supply and fit fire hose reel gooseneck	Each	R	R	R
28	Service existing fire hydrant	Each	R	R	R
29	Supply and fit new hydrant washer	Each	R	R	R
30	Supply and fit new hydrant complete.	Each	R	R	R
31	Supply and fit new red hydrant hose (30mt x 65mm with male & female)	Each	R	R	R
32	Supply new hydrant hose nozzle (open & close type)	Each	R	R	R
33	Supply new hydrant hose nozzle (straight through type)	Each	R	R	R
34	Service and test existing hydrant hose for defects	Each	R	R	R
35	Supply and fit hydrant hose coupling 65mm M/F pair	Each	R	R	R
36	Supply new fire hydrant blank cap	Each	R	R	R
37	Provide a six-monthly pressure test report for all fire hydrants. (Pressure Test) and (Flow Meter Test) all existing fire hydrants and provide a pressure report as well as a report listing all faults and recommendations for corrective action.	Each	R	R	R
38	Supply and fit new 290 x 290 mm signage	Each	R	R	R
39	Supply and fit new 190 x 190 mm signage	Each	R	R	R
40	Supply and fit new chevron board	Each	R	R	R
41	Supply and fit new backing board	Each	R	R	R
42	Supply and fit double sided hanging aluminium frame	Each	R	R	R

	signage with chain, (ABS normal) 190 x 380 mm.				
43	Supply and fit double sided hanging aluminium frame signage with chain, (ABS normal) 290 x 580 mm.	Each	R	R	R
44	Supply and fit new (4.5 kg STP DCP) cabinet	Each	R	R	R
45	Supply and fit new (9 kg STP DCP) cabinet	Each	R	R	R
46	Supply and fit new (5 kg co2) cabinet	Each	R	R	R
47	Supply and fit new hydrant hose cabinet	Each	R	R	R
48	Supply and fit new hose reel cabinet	Each	R	R	R
49	Service fire booster connection.	Each	R	R	R
50	Service sprinkler booster system.	Each	R	R	R
51	Supply and fit new booster connection	Each	R	R	R
52	Supply and fit new booster connection protective cap	Each	R	R	R
53	15 mm x 68 Degree Upright Sprinkler Head (Red)	Each	R	R	R
54	15 mm x 68 Degree Pendant Sprinkler Head (Red)	Each	R	R	R
55	15 mm x 141 Degree Upright Sprinkler Head (Blue)	Each	R	R	R
56	15 mm x 141 Degree Pendant Sprinkler Head (Blue)	Each	R	R	R
57	Hydrostatic test co2 according to SANAS requirements	Each	R	R	R
58	Pressurise with nitrogen	Each	R	R	R
59	Pressure test (STP DCP) extinguishers	Each	R	R	R
60	Replace gauge (STP DCP)	Each	R	R	R
61	Replace head assembly (STP DCP)	Each	R	R	R



62	Replace head assembly (co2)	Each	R	R	R
63	Handle (STP DCP)	Each	R	R	R
64	Handle (co2)	Each	R	R	R
65	Replace gland packing (hose reels)	Each	R	R	R
66	Replace O rings (hose reels)	Each	R	R	R
67	Replace O rings (extinguishers)	Each	R	R	R
68	Fire extinguisher mounting bracket	Each	R	R	R
69	Fire extinguisher hose and horn (co2)	Each	R	R	R
70	Hydrant lip washers	Each	R	R	R
71	Vehicle mounting bracket (9 kg STP)	Each	R	R	R
72	Vehicle mounting bracket (2.5 kg STP)	Each	R	R	R
73	Vehicle mounting bracket (1.5 kg STP)	Each	R	R	R
74	Relocate extinguisher, bracket and chevron board	Each	R	R	R
75	Replace seal and plunger (co2)	Each	R	R	R
76	Supply key for extinguisher and hose reel cabinets.	Each	R	R	R
77	Supply and fit pressure gauge with fittings to replace existing damaged gauge to booster line	Each	R	R	R
78	Servicing and repair of Electrical pump set with the following dimensions : • Rated Capacity (GPM) 100 ; • Suction flange 65mmdiameter; Discharge Flange diameter 50mm; • UN Listed Rated Net Pressure Range (PSI) 104-128 ;	Each	R	R	R



	• FM Approved RATED Net Pressure Range (PSI) 106-130 ; • Approx. Speed (RPM). 3500; • Max Working Pressure (PSI) 230. • All Pumps are Hydrostatically Tested to the minimum 150% of its Maximum Working Pressure and can withstand Double the Max Working Pressure Listed and FM Approved Pumps Compliance to NFPA 20 Design and installation Requirements.				
79	Servicing of Evacuation speakers 15W Emergency evacuation speakers made of robust indestructible ABS enclosure and alloy bracket offering maximum protection against shock and weather making them ideal for extreme conditions. Speaker Features: • Dimensions: 222X162X232mm • Rated RATING: IP66 • Rated power: 15W/7W • Line Voltage: 100V • Frequency response: 400Hz – 5KHz • Sensitivity: 105+ 3Db	Each	R	R	R



	- Finished colour : White - Material : ABS Enclosure , Alloy Bracket - Net Weight: 1.4Kg - Gross Weight: 1.7Kg				
80	Servicing of Ionization smoke detectors: Ionization smoke detector It is intended for applications using ionization type chambers to detect smoke. When enabled ,VOUT is ¼ of Either DETECT input or VDD depending on the status of the SELECT input. Features: - Guard output for the Detector input +/- 0,75PA Detect input Current - Microprocessor A/D compatible antilog output - Low qulescent current consumption (<10Ua) - Available in 8L PDIP or 8LN SOIC 200V ESD protection (HBM) - Available in standard packaging	Each	R	R	R



	Supply voltage (VDD): 12,5V • Supply voltage (VCC): 6V • Detect input voltage range (VINDENT): VDD+ 0.3 • Select Input Voltage range(VINSEL): VCC+0.3 • Operating temperature (TA): -10 TO 60 OC • Storage Temperature (TSTG: -55 TO 125OC • Maximum junction Temperature (TJ: 150OC				
	Total		R	R	R

1.2 Labour, Transport and Mark-Up Price Schedule Against Estimated Quantity Usage

Item	Description		Unit	Estimated Quantity	Rates
1	Provisional sum for approval of safety file as per annexure 1	Sum	Sum	R 6000.00	R 6000.00
2	Percentage mark-up for materials not listed	% Mark up	%	R 100 000.00	R-
3	The Service Provider is to tender their total cost per hour on site per qualified Artisan and an assistant to perform service and repairs during Normal working hours (07H:00 – 17:00) .	Artisans	Rate/hour	1 hour	R-
4		General Worker	Rate/hour	1 hour	R-
5	The Service Provider is to tender their total cost per hour on site per qualified Artisan and an assistant to perform service and repairs during After working hours and Saturdays (17:00 – 07:00) .	Artisans	Rate/hour	1 hour	R-
6		General Worker	Rate/hour	1 hour	R-
7	The Service Provider is to tender their total cost per hour on site per qualified Artisan and an assistant to perform service and repairs during Sunday and Public Holiday . This cost shall exclude material, which has previously been dealt with in this contract	Artisan	Rate/hour	1 hour	R-
8		General Worker	Rate/hour	1 hour	R-
9	Provisional Sum Outsourced Specialised work ((locksmith, money safes lock repairs, etc.)	% Mark up	%	R 100 000.00	R-
10	Percentage Mark-Up for hire or use of his own specialized equipment (proof of cost per/hr must be submitted with invoices)	Percentage Mark-Up	%	R 100 000.00	R-
11	Travel cost	Travel cost	Rate/ km	1 km	R-
	Total (Excl. VAT)				R-

1.3 Final Summary

Item	Amount
12.1 Material Price Schedule (Sum Year 1+Year 2+ Year 3)	R-
12.2 Labour, Transport and Mark up price schedule (Sum Year 1+ Year 2 + Year 3)	R-
Subtotal (Excl.VAT):	R-
15% VAT:	R-
Total (Incl.VAT):	R-

ANNEXURE 1B: Health Safety Requirements Template For Issuing of Site Access

CONTRACTOR SAFETY FILE CONTENTS LIST

The purpose of this checklist is to guide the contractors and their sub-contractors as to what documents are required for them to prepare a safety file that must be issues to PRASA Cres Regional Departments or Head Office for evaluation before a site access is issued.

Name of the Contractor:

Project:

Safety File Assessor and Date:

#	Requirement(s)	Compliance Status (Yes / No)	Comment(s)
1	Scope of works and Project Duration		
2	Notification to DOL (If applicable and as defined in the 2014 Construction Regulations)		
3	Registration of the project with DOL for the construction permit if the total project value is - more than R45 Million (If applicable and as defined in the 2014 Construction Regulations)		
4	Valid Letter of Good Standing		



#	Requirement(s)	Compliance Status (Yes / No)	Comment(s)
5	Employee List and Certified Copies of their Identity Documents (RSA Citizens) or Passports or Work Permits for foreign Nationals (Employee register); Home address; Contact Numbers; Residential Address; Name of Next of kin with Contacts (Very critical issue for contact tracing)		
6	Approved Organizational Structure		
7	Approved S/HE Policy		
9	Approved S/HE Plan		
10	Risk Assessments for the projects as per project scope approved by the Risk Assessor		
11	Proof of medical fitness of employees who will be working on the project and they should be from the Occupational Health Practitioner not a General Practitioner.		
12	Statutory Appointments including competency certificates and CVs e.g. First Aider and Fire Fighter etc. (Signed by the appointer and accepted by appointee's include CV's and competency certificates)		
13	Tool inspections Checklists and Register		



#	Requirement(s)	Compliance Status (Yes / No)	Comment(s)
14	PPE Matrix and Records include the list of the PPE to be provided.		
15	Safe Working Procedures or Method Statements. A list of the documents required here is identified as a minimum - Waste management protocol e will be managed. - Incident reporting procedure. - Emergency procedure.		
16	Tool box Talks Templates and Topics		
17	Equipment Maintenance (Calibrations, Safe Working load certificates and Decontamination or Sanitation Records etc) if applicable		
18	Chemicals substances list; MSDSs for chemicals to be used (14 point format) including Proof of training on MSDS if applicable.		
19	Excavation plan (when applicable)		
20	Scaffolding plan (when applicable)		



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#	Requirement(s)	Compliance Status (Yes / No)	Comment(s)
21	Declaration of Sub-contractors (when applicable)		
22	Proof of Third Party Liability Cover		
	Conclusion / Statement of Compliance		