

KZN HEALTH
THULASIZWE CLINIC - ZNB 5766/2024-H
BILL OF QUANTITIES
FIRE DETECTION & ALARM INSTALLATION

PARSONS AND LUMSDEN
D0741/FD

Item	Description	Unit	Qty	Rate	Amount
1.00	<u>BILL 01 - PRELIMINARY AND GENERAL</u>				
1.01	Comply with the requirements of the contract in terms of the programme and the completion and hand-over dates.	Lot	1		
1.02	Comply with the contract in terms of the safety requirements for the project.	Lot	1		
1.03	Provision of the safety file for the project in terms of the contract requirements and the requirements of the client	Lot	1		
1.04	Provision of a detailed MS project programme in terms of the contract requirements	Lot	1		
1.05	Contract engineering and detailed engineering required for all equipment and installation requirements.	Lot	1		
1.06	All site measurements and co-ordination with the engineers requirements of the project.	Lot	1		
1.07	Co-ordination of all equipment and systems with the engineer and also with all other sub- contractors on the site, and for the duration of the project.	Lot	1		
1.08	Contract Management	Lot	1		
1.09	Safety management on the site, and safety supervision at all times while working on the site.	Lot	1		
1.10	Supervision of the installation and supervision of all workers on site to ensure an efficient and well-managed contract.	Lot	1		
1.11	Site establishment including site accommodation, safety signage and requirements, fencing, storage racks and everything necessary for a well planned and managed contract.	Lot	1		
1.12	Rigging and handling requirements for all equipment and services required for the complete and efficient installation. Include for the hire of cranes and fork lift trucks as necessary for all equipment.	Lot	1		
1.13	Scaffolding for the installation of ducting and all other equipment	Lot	1		
1.14	Equipment and design submissions to the consultant for approval prior to ordering or manufacturing .	Lot	1		
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1.15	All wiring diagrams and electrical layout drawings in CAD format.	Lot	1		
1.16	Provision of a performance guarantee as required by the Main Contractor and/or the Client, and in terms of the main contract	Lot	1		
1.17	Contract insurance costs to cover all equipment and services for the duration of the contract	Lot	1		
1.18	Provision of O&M Manuals (3 hard copies and 1 electronic copy) after completion and commissioning. Initial submission is to be a draft which is to be checked and approved by the Consulting Engineer. Final payment will be withheld until after the approved O&M Manuals are submitted to the client	Lot	1		
1.19	De-establishment of the site including removal of all excess materials, tools and rubbish. The site must be 100% clean and tidy after completion	Lot	1		
1.20	Service and maintenance of the new equipment for a period of 12 months after practical completion as per the manufacturers maintenance requirements is required on all equipment installed	Lot	1		
1.21	General commissioning of all equipment in accordance with the specification	Lot	1		
1.22	Any other "Preliminary & General" items deemed necessary by the Tenderer / Contractor	Lot	1		
	<ul style="list-style-type: none"> - Safety File - Site Storage - Bi-Weekly Site Meetings - Delivery of Materials to Site - 12 Month Guarantee - Operator Training - Commissioning - Other 				
TOTAL BILL NO 1 - CARRIED FORWARD TO SUMMARY PAGE					

Item	Description	Unit	Qty	Rate	Amount
2.00	<u>BILL 02 - FIRE DETECTION AND ALARM INSTALLATION</u> This schedule shall be priced in accordance with the specifications contained in this document, and shall include but be not limited to the following: labour, measuring up on site, full design, supply, delivery, installation and commissioning of all items contained herein including scaffolding, conduits and wireways, fixtures, fittings and hangers and equipment for a complete operational installation.				
2.01	2 loop control panel c/w standby batteries & TEC network card or equal and approved	No	1		
2.02	Ceiling mounted optical smoke detectors and bases	No	81		
2.03	Roof mounted optical smoke detectors and bases	No	25		
2.04	Ceiling mounted remote indicators for roof mounted optical detectors	No	25		
2.05	Ceiling mounted heat detectors and bases	No	1		
2.06	Manual alarm call points (red)	No	12		
2.07	Sounder beacons and mounting plates	No	22		
2.08	Interlock relays for FM 200 suppression systems and security door magnetic détente	No	3		
2.09	Loop isolator bases	No	9		
2.10	Pvc conduit c/w galvanised saddles, fixtures and fittings @ 500mm cc	m	2220		
2.11	Enhanced grade PH60 Flame retardent cable	m	2775		
2.12	GMS/GPRS module in control panel for sms communication with facility staff	No	1		
	FM 200 Automatic Suppression System				
2.13	Design supply and install an automatic FM 200 fire suppression system to the Record Room, volume 45m3	No	1		
2.14	Design supply and install an automatic FM 200 fire suppression system to the Server Room, volume 14m3	No	1		
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Item	Description	Unit	Qty	Rate	Amount
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	Other				
2.15	Consumables	Lot			
2.16	Additional items required for a complete operational system. (List in information schedule)	Lot			
2.17	Access equipment Hire if required	Lot			
2.18	Log Book Holder / Operating Instructions / Block Plan	Lot			
TOTAL BILL NO 2 - CARRIED FORWARD TO SUMMARY PAGE					

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