

ITEM NO	DESCRIPTION: IKHALA TVET COLLEGE - STERKSPRUIT CAMPUS WINDOW TINTING	UNIT	CONTRACT	
			QUANTITY	RATE
				AMOUNT
	SECTION NO. 1	H1		
	PRELIMINARIES AND GENERAL	H1		
	BUILDING WORK	H1		
	BILL NO. 1	H1		
	<u>FIXED CHARGE ITEMS</u>			
	<u>Contractual requirements.</u>			
1/1/1	Insurances	SUM	1	
1/1/2	Programming	SUM	1	
1/1/3	Performance Security	SUM	1	
1/1/4	Retention Guarantee	SUM	1	
	<u>Establishment of Facilities on the Site</u>			
	<u>Facilities for Engineer</u>			
1/1/5	Equipment for the Engineer's Staff	SUM	1	
	<u>Facilities for Contractor</u>	H4		
1/1/6	Offices and Storage Sheds	SUM	1	
1/1/7	Workshops	SUM	1	
1/1/8	Site Establishment	SUM	1	
1/1/9	Living Accomodation - The Contractor to supply a breakdown of the different categories namley: Supervision, Skilled Labor, Semi Skilled Labour and Unskilled Labour	SUM	1	
1/1/10	Laboratory Facilities	SUM	1	
1/1/11	Ablution and Latrine Facilities	SUM	1	
1/1/12	Tools and Equipment	SUM	1	
1/1/13	Water Supplies	SUM	1	
1/1/14	Electric Power	SUM	1	
1/1/15	Communication	SUM	1	
1/1/16	Air Supplies	SUM	1	
1/1/17	Dealing with Water	SUM	1	
1/1/18	Access	SUM	1	
	<u>Facilities Requiring Special Attention</u>			
1/1/19	Security	SUM	1	
1/1/20	Safety	SUM	1	
1/1/21	Samples and certification of materials	SUM	1	
1/1/22	Testing Authority	SUM	1	

1/1/23	Other Contractors	SUM	1		
1/1/24	Quality Assurance	SUM	1		
1/1/25	Orders and Indents	SUM	1		
1/1/26	Site Meetings	SUM	1		
1/1/27	Plant for the Works	SUM	1		
1/1/28	Transport on the site	SUM	1		
1/1/29	Transport of the Workforce to and from the site	SUM	1		
1/1/30	Supervision for the duration of the construction	SUM	1		
1/1/31	Company and head office overheads costs for the duration of the contract works	SUM	1		
1/1/32	Other fixed charge obligation - Contractor to submit details	SUM	1		
1/1/33	Remove site establishment on completion	SUM	1		
	VALUE RELATED ITEMS				
	<u>Contractual requirements.</u>				
1/1/34	Insurances	SUM	1		
1/1/35	Programming	SUM	1		
1/1/36	Performance Security	SUM	1		
1/1/37	Retention Guarantee	SUM	1		
	<u>Establishment of Facilities on the Site</u>				
	<u>Facilities for Engineer</u>				
1/1/38	Equipment for the Engineer's Staff	SUM	1		
	<u>Facilities for Contractor</u>				
1/1/39	Offices and Storage Sheds	SUM	1		
1/1/40	Workshops	SUM	1		
1/1/41	Site Establishment	SUM	1		
1/1/42	Living Accommodation - The Contractor to supply a breakdown of the different categories namely: Supervision, Skilled Labor, Semi Skilled Labour and Unskilled Labour	SUM	1		
1/1/43	Laboratory Facilities	SUM	1		
1/1/44	Ablution and Latrine Facilities	SUM	1		
1/1/45	Tools and Equipment	SUM	1		
1/1/46	Water Supplies	SUM	1		
1/1/47	Electric Power	SUM	1		
1/1/48	Communication	SUM	1		
1/1/49	Air Supplies	SUM	1		
1/1/50	Dealing with Water	SUM	1		

1/1/51	Access	SUM	1		
	<u>Facilities Requiring Special Attention</u>				
1/1/52	Security	SUM	1		
1/1/53	Safety	SUM	1		
1/1/54	Samples and certification of materials	SUM	1		
1/1/55	Testing Authority	SUM	1		
1/1/56	Other Contractors	SUM	1		
1/1/57	Quality Assurance	SUM	1		
1/1/58	Orders and Indents	SUM	1		
1/1/59	Site Meetings	SUM	1		
1/1/60	Plant for the Works	SUM	1		
1/1/61	Transport on the site	SUM	1		
1/1/62	Transport of the Workforce to and from the site	SUM	1		
1/1/63	Supervision for the duration of the construction	SUM	1		
1/1/64	Company and head office overheads costs for the duration of the contract works	SUM	1		
1/1/65	Other value related obligations - Contractor to submit details	SUM	1		
1/1/66	Remove site establishment on completion	SUM	1		
	TIME RELATED ITEMS				
	<u>Contractual requirements.</u>				
1/1/67	Insurances	SUM	1		
1/1/68	Programming	SUM	1		
1/1/69	Performance Security	SUM	1		
1/1/70	Retention Guarantee	SUM	1		
	<u>Establishment of Facilities on the Site</u>				
	<u>Facilities for Engineer</u>				
1/1/71	Equipment for the Engineer's Staff	SUM	1		
	<u>Facilities for Contractor</u>				
1/1/72	Offices and Storage Sheds	SUM	1		
1/1/73	Workshops	SUM	1		
1/1/74	Site Establishment	SUM	1		
1/1/75	Living Accomodation - The Contractor to supply a breakdown of the different categories namely: Supervision, Skilled Labor, Semi Skilled Labour and Unskilled Labour	SUM	1		
1/1/76	Laboratory Facilities	SUM	1		
1/1/77	Ablution and Latrine Facilities	SUM	1		

1/1/78	Tools and Equipment	SUM	1		
1/1/79	Water Supplies	SUM	1		
1/1/80	Electric Power	SUM	1		
1/1/81	Communication	SUM	1		
1/1/82	Air Supplies	SUM	1		
1/1/83	Dealing with Water	SUM	1		
1/1/84	Access	SUM	1		
	<u>Facilities Requiring Special Attention</u>				
1/1/85	Security	SUM	1		
1/1/86	Safety	SUM	1		
1/1/87	Samples and certification of materials	SUM	1		
1/1/88	Testing Authority	SUM	1		
1/1/89	Other Contractors	SUM	1		
1/1/90	Quality Assurance	SUM	1		
1/1/91	Orders and Indents	SUM	1		
1/1/92	Site Meetings	SUM	1		
1/1/93	Plant for the Works	SUM	1		
1/1/94	Transport on the site	SUM	1		
1/1/95	Transport of the Workforce to and from the site	SUM	1		
1/1/96	Supervision for the duration of the construction	SUM	1		
1/1/97	Company and head office overheads costs for the duration of the contract works	SUM	1		
1/1/98	Other time related obligation - Contractor to submit details	SUM	1		
1/1/99	Remove site establishment on completion	SUM	1		
	TOTAL - SECTION 1 - BILL NO 1 - PRELIMINARIES AND GENERAL				
	SECTION NO.2	H1			
	BUILDING WORK	H1			
	BILL NO. 1	H1			
	METALWORK	H1			
	For preambles see "Model Preambles for Trades (2008 Edition)" and Supplementary preambles as specified in the Trades.				

	Descriptions	H4			
	Descriptions of bolts shall be deemed to include nuts and				

	washers				
	Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete				
	Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described				
	Drawings	H4			
	Tenderers are referred to architect's drawings annexed to this document for full details of the windows, doors, etc				
	WINDOW TINTING	H1			
	Supply and install ColourVue™ E-Range Low-Emissivity Laminated Glass – Cool Bronze to all designated window openings. The glass shall provide a uniform bronze tint for aesthetic enhancement, solar control, and occupant comfort, while complying with all relevant South African safety glazing standards.	H2			
	Supply and install 6.38 mm ColourVue™ E-Range Low-Emissivity Laminated Safety Glass – Cool Bronze, VLT 49%, SHGC 0.55, U-Value 3.70, SC 0.63, compliant with SANS 1263 and SANS 10137, glazed into prepared frames complete with approved sealant	H3			
	Guard House Building	H4			
2/1/1	Window Size W46 900 x 900 mm	No	2		
2/1/2	Window Size W49 2500 x 1200 mm	No	2		
2/1/3	Window Size W50 4770 x 1200 mm	No	1		
	Building B - Computer Lab & Classroom	H4			
2/1/4	Window Size W001 600 x 900 mm	No	6		
2/1/5	Window Size W01 2400 x 1445 mm	No	24		
	Administration Building	H4			
2/1/6	Window Size W06 900 x 900 mm	No	8		
2/1/7	Window Size W10 2400 x 1445 mm	No	8		
2/1/8	Window Size W11 3600 x 2400 mm	No	6		
2/1/9	Window Size W16 2100 x 1445 mm	No	2		
2/1/10	Window Size W17 900 x 900 mm	No	4		
2/1/11	Window Size W22 3000 x 2400 mm	No	33		
2/1/12	Window Size W25 1200 x 500 mm	No	4		
	Building H - Workshop	H4			
2/1/13	Window Size W12 2100 x 1445 mm	No	8		
2/1/14	Window Size W13 1800 x 500 mm	No	6		
2/1/15	Window Size W14 2100 x 950 mm	No	46		
2/1/16	Window Size W22 2400 x 2400 mm	No	17		

3/1/1

TOTAL - SECTION 2 - BILL 6 - METALWORK				
SECTION NO.3	H1			
BUILDING WORK	H1			
BILL NO. 1	H1			
CONTINGENCIES	H1			
Allow an amount of 10% of the measured works including preliminaries and generals for contingencies to be used at the discretion of the principal agent.	Item	1		
TOTAL - SECTION NO.3 - BILL NO.1- Contingencies				
TOTAL EXCLUDING VAT				
VAT @ 15%				
TOTAL INCLUDING VAT				