

HESSEQUA MUNICIPALITY

TENDER NO. HES-CORP 04/2122

**PROPOSED ADDITIONS & ALTERATIONS AT THE STILL BAY LIBRARY FOR
HESSEQUA MUNICIPALITY**

PART C2.1: BILL OF QUANTITIES

DECLARATION

I, THE UNDERSIGNED (NAME)

CERTIFY THAT THE INFORMATION FURNISHED BELOW IS CORRECT. I ACCEPT THAT THE MUNICIPALITY MAY ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

AUTHORISED SIGNATURE:

NAME:

CAPACITY:

DATE:

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PROPOSED ADDITIONS & ALTERATIONS AT THE STILL BAY LIBRARY FOR HESSEQUA MUNICIPALITY
S 1124

SECTION A : PRELIMINARY & GENERAL

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A1	SANS 1200 A	PRELIMINARY AND GENERAL				
	8.3	Scheduled Fixed-charge and Value-related Items				
A1.1	8.3.1	Contractual Requirements	Sum	1		
A1.2	8.3.2	Establish Facilities on the Site :				
	8.3.2.1	Facilities for Engineer (SANS 1200 AB)				
A1.2.1		c) Nameboards (1 No) according to PS AB 3.1	Sum	1		
	8.3.2.2	Facilities for Contractor				
A1.2.2		a) Offices and storage sheds	Sum	1		
A1.2.3		b) Workshops	Sum	1		
A1.2.4		d) Living accommodation	Sum	1		
A1.2.5		e) Ablution and latrine facilities	Sum	1		
A1.2.6		f) Tools and equipment	Sum	1		
A1.2.7		g) Water supplies, electric power and communications	Sum	1		
A1.2.8		h) Dealing with water (See PS A 5.5)	Sum	1		
A1.2.9		i) Access (See A 5.8)	Sum	1		
A1.3	8.3.3	Other Fixed-charge Obligations (specify)	Sum	1		
A1.4	8.3.4	Removal of Site Establishment	Sum	1		
	8.4	Scheduled Time-related Items				
A1.5	8.4.1	Contractual Requirements	Sum	1		
A1.6	8.4.2	Operation and Maintenance of Facilities on Site, for Duration of Construction, except where otherwise stated				
A1.6.1		a) Offices and storage sheds	Sum	1		
A1.6.2		b) Workshops	Sum	1		
A1.6.3		d) Living accommodation	Sum	1		
A1.6.4		e) Ablution and latrine facilities	Sum	1		
TOTAL CARRIED FORWARD						

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SECTION A : PRELIMINARY & GENERAL

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD						
A1.6.5		f) Tools and equipment	Sum	1		
A1.6.6		g) Water supplies, electric power and communications	Sum	1		
A1.6.7		h) Dealing with water (see PS A 5.5)	Sum	1		
A1.6.8		i) Access (see A5.8)	Sum	1		
A1.7	8.4.3	Supervision for Duration of Construction	Sum	1		
A1.8	8.4.4	Company and Head Office Overhead Costs for the Duration of the Construction	Sum	1		
A1.9	8.4.5	Other Time-related Obligations (specify)	Sum	1		
A2	8.9	Occupational Health and Safety (Provisional) Note : OHS Plan to be submitted by tenderers at tender stage as per the OHS specifications				
A2.1	8.9.1	Cost of health and safety measures in terms of the Construction Regulations (2014) of the Occupational Health and Safety Act, 1993	Sum	1		
A2.2	8.9.2	Compile a Health and Safety Plan, including Risk Assessments, Safe Works Procedures and Methods Statements.	Sum	1		
A2.3	8.9.3	Maintenance of the Health and Safety File	Sum	1		
A2.4		OHS boards as per detail	No.	4		
A2.5		Conduct the necessary medical test on all permanent - and temporary staff involved in the construction work by a registered Medical Practitioner according to the Construction Regulation (2014) of the Occupational Health and Safety Act, 1993.				
A2.5.1		Medical Examination Including : Working at Heights / General Workers (incl drugscreening) This item only applicable on temporary workers. Medical examination on permanent staff stay the responsibility of the Tenderer.	No		Rate Only	
TOTAL CARRIED FORWARD						

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SECTION B: GENERAL BUILDING WORK

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B1		BUILDING ITEMS AS PER SANS 10400 FOUNDATIONS STRUCTURES				
B1.1		Foundation excavation in soft material	m ³	7.5		
B1.2		Foundation concrete - 15MPa	m ³	4		
B1.3		Backfilling of foundations	m ³	7.5		
B2		BRICK WORK AND PLASTERING				
B2.1		220mm NFX brick wall	m ²	18		
B2.2		Plaster foundation walls for:				
B2.3		Vertical surfaces	m ²	22		
B2.4		Horizontal surfaces	m ²	8		
B3		STRUCTURAL WOOD - SA PINE				
B3.1		H3 treated floor rafters - 150x38mm	m	140		
B3.2		18mm CCA treated exterior graded shutterply for floor with bitumen treated underside	m ²	55		
B3.3		Staircases - 150 x 38mm CCA treated	m	7		
B3.4		Columns to support roof - 114 x 38mm CCA treated	m	18		
B3.5		CCA Treated roof Trusses as per detail	No	8		
B3.6		CCA treated purlines - 76 x 50mm	m	70		
B3.7		CCA ceiling structure - 38 x 38mm	m	130		
B3.8		CCA roof support beam on verandah - 38 x 228mm	m	24		
B3.9		CCA treated wall structure - 50 x 38mm	m	37		
B3.10		CCA treated wall structure - 76 x 38mm	m	37		
B3.11		CCA treated wall structure - 114 x 38mm	m	200		
B3.12		CCA Treated handrailing - 76 x 50mm	m	17		
B3.13		CCA Treated handrailing - 76 x 38mm	m	10		
TOTAL CARRIED FORWARD						-

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SECTION B: GENERAL BUILDING WORK

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD						-
B4		DOORS AND WINDOWS				
B4.1		Supply and install 600x600 Alglasico Top Hung Aluminium window - W1	No	1		
B4.2		Supply and install 1 200x600 Alglasico Top Hung Aluminium window - W2	No			Rate Only
B4.3		Supply and install 1 800x600 Alglasico Top Hung Aluminium window - W3	No	7		
B4.4		Supply and install 1 200x600 Alglasico Top Hung Aluminium window - W4	No			Rate Only
B4.5		Supply and install inside hollowcore door with miranti frame - D2	No	1		
B4.5.1		2-lever mortice handle and lock - for D2	No	1		
B4.6		Supply and install outside TDM Belfast Semi-solid Exterior Door with miranti frame and 3-lever mortice handle and lock - D1	No	1		
B4.6.1		3-lever mortice handle and lock - for D1	No	1		
B4.8		Stacking exterior security door Trellidor / Xpanda or simmlar	No	1		
B4.9		5 x 5mm hot dipped and white painted burglar bars as per detail for the following windows :				
B4.9.1		W1	No	1		
B4.9.2		W2	No			Rate Only
B4.9.3		W3	No	7		
B5		ROOF, INSIDE AND OUTSIDE WALL				
B5.1		0,47mm G550 ZINCALUME Colorbond IBR 686 roof sheeting and accessories mechanically fixed in accordance with the manufacturer's instructions	m ²	70		
TOTAL CARRIED FORWARD						

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SECTION B: GENERAL BUILDING WORK

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD						
B5.2		Sisalation FR 405 Fire retardant light industrial grade reinforced aluminium foil insulation double sided, durable, reflective foil laminate incorporating a fire retardant between the various substrates, bonded together with low density polyethene, tested for conformance with SANS 1381-4:2009 , with a Class 1 fire rating in accordance with SANS 10177 - 3:2005 and ASTM E84 and BS 476 part 5, 6 and 7, with purlins spaced at less than 1500mm centres with top and bottom edges folded around flat bar and pop riveted to ridge and eaves purlins, and drawn tautly over and fixed to intermediate purlins with double sided tape or contact adhesive and supported between purlins by 1,6mmØ double galvanised straining wires starting at 75mm centre then 275mm, 275mm, 275mm, 275mm and 75mm centres across each roll width securely fixed across top of purlins, with Sisalation lapped 150mm on both sides of each 1250mm width roll				
B5.2.1		Sisalation insulation laid taut over purlins and fixed concurrently with roof covering, including galvanized steel straining wires	m ²	40	100.00	4 000.00
B5.3		Outside vertical wall - 0,47mm G550 ZINCALUME Colorbond IBR 686	m ²	70		
B5.4		Inside vertical wall - 0,47mm G550 ZINCALUME Colorbond	m ²	105		
B5.5		Window and door sills as per detail manufactured with 0,47mm G550 ZINCALUME Colorbond sheet metal	m	50		
B5.6		Fire resistant wall insulation with:				
B5.6.1		40mm panel of high-density Polyurethane of U-Value = 0.93W/m ² °C	m ²	70		
B5.6.2		60mm panels of Polystyrene of U-Value = 0.60W/m ² °C	m ²	70		Rate Only
B5.7		225x10mm Nutec facia	m	16		
TOTAL CARRIED FORWARD						

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SECTION B: GENERAL BUILDING WORK

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD						
B5.8		4mm Nutec ceiling	m ²	40		
B5.9		100mm Thick Isotherm ceiling insulation laid over ceiling brandering	m ²	40		
B5.10		Cemcere ceiling finish	m ²	40		Rate Only
B5.11		0,47mm G550 ZINCALUME Colorbond roof ridging	m	8		
B5.12		Marley Vynadeep uPVC Gutter and brackets or simular	m	16		Rate Only
B5.12.1		Alternative on item B5.12. Seamless Aluminium gutter and brackets	m	16		
B5.13		Extra over for UPVC gutter end cap	No	4		Rate Only
B5.13.1		Alternative on item B5.13 Seamless Aluminium gutter end cap	No	4		
B5.14		Extra over uPVC eaves gutter for outlet	No	2		Rate Only
B5.14.1		Alternative on item B5.14 Seamless Aluminium eaves gutter for outlet	No	2		
B5.15		Extra over uPVC downpipe for shoe - Ø63mm	No	2		Rate Only
B5.15.1		Alternative on item B5.15 Seamless Aluminium downpipe for shoe - Ø63mm	No	2		
B5.16		Marley Vynadeep uPVC Gutter downpipe and brackets or simular - Ø63mm	m	6		Rate Only
B5.16.1		Alternative on item B5.16 Seamless Aluminium Gutter downpipe and brackets or simular - Ø63mm	0	6		
B6		FLOOR COVERING				
B6.1		Heavy-duty 2mm industrial vinal from FloorworX Grey Embossed MIF40 or simmular.	No	40		
B6.2		Approved carpet 2,5 x 2,7m in childrens area(PC of R450.00/m ² installed complete with underlay - Excluding VAT)	No	1		
TOTAL CARRIED FORWARD						-

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SECTION B: GENERAL BUILDING WORK

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD						
B6.3		Supply and instal shower floor tiles (Allow R 150/m ² for shower tiles - Excluding VAT)	m ²	4.5		Rate Only
B7		PLUMBING				
B7.1		Supply and fit of Vaal Hibiscus Close Coupled Suite with Seat and Mechanism - White (2 Piece) complete	No	1		
B7.2		White Stone Toilet Roll Holder.	No	1		
B7.3		Supply and fit Basin And Pedestal Box Set : Basin Weight 122kg Pedestal Weight 91.3kg Basin Dimensions: 558mm X 403mm - Depth 150mm - Waste Size 45mm Pedestal Dimensions: 180mm X 680mm Combined Height 835mm complete with Ø38mm uPVC waste fittings and plug, etc - only cold water - excluding taps	No	1		
B7.4		ISCA TRI AEX5026CH PILLAR TAP 15mm for hand wash basin	No	1		
B7.5		Towel Ring Fusion	No	1		
B7.6		Supply and fit 800x460mm Franke Projectline PLN611 Inset Kitchen Sink or similar complete with Ø38mm PVC waste fittings and plug , etc - only cold water - excluding taps	m	1		
B7.7		Extra over - Kitchen Sink Waste 90mm. Collects The Food Waste, Which Ensures That Large Particles Are Not Disposed Of Down The Drain, Hence Reducing Blockages. • Fits All Sinks Without A Overflow	No	1		
B7.8		ISCA (TAPS & MIXERS) - TRI - TAPS - PREP BOWL TAPS - CHROME - COB-EX5035CH	No	1		
B7.9		uPVC Ø110mm uPVC stack	m	1		
B7.10		Ø40mm pipe brachets - wall mounted	No	6		
B7.11		uPVC Ø40mm 45Deg T-piece	No	1		
B7.12		uPVC Ø110mm 90-degree bent	No	3		
TOTAL CARRIED FORWARD						

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ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD						
B7.13		uPVC Ø40mm saddle onto Ø110mm	No	2		
B7.14		uPVC Ø40mm uPVC air vent	No	1		
B7.15		uPVC Ø110mm rodding eye	No	2		
B7.16		uPVC Ø40mm waste pipe	m	6		
B7.17		uPVC Ø110mm waste pipe	m	20		
B7.18		Ø20mm Polycob water pipe	m	20		
B7.19		Ø15mm copper water pipe	m	12		
B7.20		Copper Ø15mm solder T-piece	No	3		
B7.21		Copper Ø15mm solder 90 deg bent	No	3		
B8.22		Copper Solder CxFI Elbow 90° Wall plate Ø15mm	No	3		
B7.23		Flexi connector Ø15mm	No	3		
B7.24		Ø15mm Valve	No	3		
B7.25		Pipe excavation	m	5		
B8		PAINTING				
B8.1		One (1) coat plaster primer to ceilings	m²	40		
B8.2		Two (2) coats NHBRC approved PVA acrylic paint (white) to ceilings	m²	40		
B9		ELECTRICAL				
		All electrical installation as per drawings.				
B9.1		220V DB Board including electrical fittings, earth leakage and accessories	No	1		
B9.2		1200mm double LED lights	No	9		
B9.3		PL2X9W circular external light	No	1		
B9.4		16A double plug points 300mm above floor level	No	2		
B9.5		16A double plug points 1 200mm above floor level	No	1		
B9.6		16A double plug points floor mounted	No	1		
TOTAL CARRIED FORWARD						

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SECTION B: GENERAL BUILDING WORK

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD						
B9.7		Light switches for :				
B9.7.1		4 lever	No	1		
B9.7.2		2 lever	No	1		
B9.7.3		1 lever	No			Rate only
B9.8		Electrical surface mount trunking	m	30		
B9.9		16mm electrical external cable including trench excavation and backfilling	m	30		
B9.10		Prepaid electrical metre	No	1		
B9.11		Computer Network installation	PC Sum	1	15 000.00	15 000.00
B9.12		Contractors mark-up on Item B9.10	%			
B10		KITCHEN CUBOARDS AND BOOK SHELVES				
B10.1		Bookshelves manufactured from 22mm pine wood 900Wx1580Hx300D with 4 shelves	No	20		
B10.2		Toys Cupboards manufactured from 22mm pine wood 1180Wx1065Hx600D	No	2		
B10.3		Display shelves manufactured from 22mm pine wood 600Wx1580Hx300D with 4 shelves	No	1		
B10.4		Kitchen cupboard coloured melamine	Sum	1		
B10.5		Kitchen counter 1960 x 600mm Rustenburg granite	Sum	1		
B10.6		Kitchen and store room cupboard matt chrome door handles	No	5		
B10.7		Librarian Desk of oak coloured melamine	No	1		
B10.8		Computer Station Desk of oak coloured melamine	No	1		
B10.9		600 x 1800mm pin board as per detail	No	1		
B10.10		Store room cupboard coloured melamine 750W x 2100H x 600D with 3 shelves	Sum	1		
TOTAL CARRIED FORWARD						

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SECTION B: GENERAL BUILDING WORK

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD						
B10.11		Store room cupboard coloured melamine 1530W x 2100H x450 D with 6 shelves	0	0		
B11		BOLTS, NAILS AND SCREWS, etc				
B11.1		Roof Seal Nail and Cap - Chrome (5 x 90mm)	No	150		
B11.2		Ring shank nails - chrome 75mm	No	125		
B11.3		Screws - chrome 20 x 2mm	No	100		
B11.4		Galvanized bracing straps - 28mm	m	15		
B11.5		Coat screws - calvanized 80 x 8mm	No	40		
B11.6		Galvanized angle bracket - 50 x 50 x 38mm	No	50		
B12		SEGMENTED PAVING				
B12.1		New 200x100x50mm Bevel paving bricks layed on 25mm river sand - 25MPa	m ²	10		
B12.2		Cutting of 200x100x50mm Bevel paving bricks	m	2		
		Role 50mm Bevel paving brickd to close state	m ²	10		
TOTAL CARRIED FORWARD TO SUMMARY						-

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S 1124 **SUMMARY OF SCHEDULES**

PAGE	DESCRIPTION	TENDER AMOUNT
86	SECTION A: PRELIMINARY AND GENERAL	-
94	SECTION B: GENERAL BUILDING WORK	-
SUB-TOTAL		-
Allow 10% contingencies to be spent in part or as a whole at the sole discretion of the Engineer		-
SUB-TOTAL		-
Add 15% VAT		-
TOTAL CARRIED FORWARD TO FORM OF TENDER		-