

TRANSNET SOC LTD

TENDER NUMBER: VARIOUS RFP NUMBERS
DESCRIPTION: FRAMEWORK CONTRACT FOR BUILDING WORKS IN VARIOUS TNPA
PREMISES – CENTRAL, EASTERN AND WESTERN REGION – 3 YEARS

ADDENDUM NO: 06

DATED: 14 MAY 2024

The following information is furnished in addition to, in amplification and substitution of, matters contained in the tender documents issued in respect of the abovementioned work.

1. Bill of Quantities

Provide additional clarity on Bill Items: Roof Covering, Joinery, Galvanized gates, Floor tiling, Windows and Galvanized steel Fire escape staircase and handrail.

SECTION	Old document	Changes (revised)
(All Building Works class projects –Trusses)	<p>BILL NO. 8 PREFABRICATED ROOF TRUSSES ETC</p> <p>86.22 Roof construction to double pitched roof, size 8,94m x 15,09m on plan with 0,50m overhang on both side, installed complete</p> <p>86.23 Roof construction to double pitched roof, Unit 6, size 9,02m x 15,07m on plan with 0,50m overhang on both side, including mono pitched roof by master bedroom size 4.20m x 6.23m on plan</p> <p>86.24 Roof construction to mono pitched roof, Carport, size 3,34m x 7,30m on plan with 0,50m overhang, installed complete</p> <p>86.25 Roof construction to mono pitched roof, Toilet and Store, size 3,46m x 6,08m on plan</p> <p>ROOF SUNDRIES</p> <p>86.27 Wrought faces on sawn timbers.</p> <p>86.31 Roof construction to rectangular shaped double pitched roof not exceeding 25 degree pitch with two hipped ends overall size 4.44 x 4.74m</p>	<p>BILL NO. 8 PREFABRICATED ROOF TRUSSES ETC</p> <p>All items listed in the BoQ (left hand side column of this addendum) are Omitted</p> <p>(Detailed specification and designs not yet available)</p>

	<p>and 3000mm high overall including 38 x 114mm wall plates, trusses, king posts, queen posts, jack rafters, including permanent bracing and all fixing and including 50 x 75mm purlins/battens at centres for roof covering (elsewhere measured) all complete as per Architects Schedule</p> <p>86.32 Allow for bracing, cross bracing, connecting clips, fixing brackets, hurricane clips, etc., as required for fixing in position of roof trusses as described in accordance with the manufacturer's instructions. Remove existing Roof Trusses exposed to elements & discard</p> <p>86.33 Extra over for wrought purlins at eaves and verandah</p>	
(All Building Works class projects – Joinery fittings)	<p><u>BILL NO. 9</u> <u>JOINERY FITTINGS</u> <u>(PROVISIONAL)</u></p> <p>Item(s) 90.1 – 94.2</p>	<p><u>BILL NO. 9</u> <u>JOINERY FITTINGS</u> <u>(PROVISIONAL)</u></p> <p>Omitted</p> <p>(Detailed specification and designs not yet available)</p>
<p>BoQ</p> <p>(All Building Works class projects – Floor tiling)</p>	<p>BILL NO. 12</p> <p>FLOOR TILING</p> <ul style="list-style-type: none"> PG 25 : ITEM 102.1 & 102.2 : Porcelain floor tiling : 400x400x12mm full bodied porcelain tiles. PG 25 : ITEM 102.3 & 102.4 : Porcelain wall tiling : 400x200x12mm full bodied porcelain tiles PG 25 : ITEM 102.6, 102.7 & 102.8 : 300X200 Glazed and rectified wall tile PG25 : ITEM 102.9 & 102.10 : Large format full body Porcelain lappato 600x600. PG26 : ITEM 102.11 & 102.12 : Medium format full body Porcelain lappato 300x300. PG26 : ITEM 102.16, 102.17, 102.18, 102.19 & 102.20 : Union Tiles Beige Polished Porcelain Tiles PG26 ; ITEM 102.23 & 102.24 : Johnson Matisse MA 10 . 	<p>BILL NO. 12</p> <p>FLOOR TILING</p> <ul style="list-style-type: none"> PG 25 : ITEM 102.1 & 102.2 : Porcelain floor tiling : 600x600x 12 - 20mm full bodied porcelain tiles or similar sabs approved products. PG 25 : ITEM 102.3 & 102.4 : Porcelain wall tiling : size 600x600x12mm full bodied porcelain tiles or similar sabs approved products PG 25 : ITEM 102.6, 102.7 & 102.8 : 600X300 Glazed and rectified wall tile or similar sabs approved products. PG25 : ITEM 102.9 & 102.10 : Large format full body Porcelain lappato finish (evolution colour) or mid grey matt porcelain floor times or similar sabs approved products. Size 600x600. PG26 : ITEM 102.11 & 102.12 : Medium format full body Porcelain lappato or kreta dark grey porcelain tile or similar sabs approved products size 300x300.

		<ul style="list-style-type: none"> PG26 : ITEM 102.16, 102.17, 102.18, 102.19 & 102.20 or similar sabs approved products: PG26 ; ITEM 102.23 & 102.24 : Johnson Matisse MA 10 or similar sabs approved products
(All Building Works class projects – Galvanized staircase)	BILL NO. 14 Galvanised Steel Staircase 110.12 Galvanised steel fire escape staircase and hand railing complete	BILL NO. 14 Galvanised Steel Staircase 110.12 Omitted (Detailed specification and designs not yet available)
(All Building Works class projects – windows)	BILL NO. 14 NATURAL ANODISED ALUMINIUM WINDOWS, DOORS, ETC Item(s) 110.1 – 110.11	BILL NO. 14 NATURAL ANODISED ALUMINIUM WINDOWS, DOORS, ETC 110.1 – 110.11 Omitted (Detailed specification and designs not yet available)
(All Building Works class projects – Galvanised gates)	BILL NO. 28 <u>GALVANIZED GATES</u> Item(s) 135.1	BILL NO. 28 <u>GALVANIZED GATES</u> Items 135.1 Omitted

This addendum must be signed and submitted with your tender.

Prepared By: 
Siphiwo Qangani

Date: 14 May 2024

Approved By: 
Michael Hogg

Date: 14 May 2024

Tender number: Various Tender numbers (Building works)

FROM (TENDERER NAME):

DATE: _____

TENDER NUMBER: VARIOUS RFP NUMBERS

DESCRIPTION: FRAMEWORK CONTRACT FOR BUILDING WORKS IN VARIOUS TNPA PREMISES – CENTRAL, EASTERN AND WESTERN REGION – 3 YEARS

Dear Sir / Madam

Receipt of **Addendum No. 06** dated **14 May 2024** is hereby acknowledged.

Kind regards

TENDERER (signature)

NOTE: The undersigned confirm that the following communications received from the Employer before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer.

Tender number: Various Tender numbers (Building works)

FRAMEWORK CONTRACTS FOR ELECTRICAL WORKS - BUILDINGS & EXTERNAL LIGHTING IN VARIOUS TNPA PREMISES - 3 YEAR

EB.W03

Item	Description	Unit	Quantity	Rate	Amount
<i>Balance brought forward</i>					
EB.W03.06	Occupancy Sensors				
(a)	Ceiling mounted passive infrared(PIR) Similar in quality as Schneider SAE-UE-MS-CU-WE or as approved by Engineer.				
(i)	Labour rate	No	20		R -
(ii)	Material rate	No	20		R -
(b)	Ceiling mounted ultra sonic Similar in quality as Schneider SAE-UE-MS-CSAWE or as approved by engineer.				
(i)	Labour rate	No	7		R -
(ii)	Material rate	No	7		R -
EB.W03.07	Socket outlets				
(a)	Single 16A Floor Mounted Switched Socket Outlet. Similar in quality as Schneider or as approved by engineer.				
(i)	Labour rate	No	10		R -
(ii)	Material rate	No	10		R -
(b)	Equal or similar approved to Legrand Arteor 16A single dedicated socket outlet (4x2) installed on power skirting				
(i)	Equal or similar approved to Legrand Arteor 16A double socket outlet (4x4)	each	8		R -
(ii)	Equal or similar approved to Legrand Arteor 16A single dedicated socket outlet (4x2) installed on power skirting	each	8		R -
(c)	Equal or similar approved to Legrand 16A single socket outlet (4x2), installed on power skirting				

EB.W03.08	(i)	Equal or similar approved to Legrand 16A single socket outlet (4x2)	each	1		R	-
	(ii)	Equal or similar approved to Legrand 2-tier power skirting (70mm DATA, 70mm ELECTRICAL), including bends, covers, fixings, etc	m	100		R	-
	(d)	Equal or similar approved to Power Logic pop up plug complete with 1xLegrand 16A single socket outlet (4x2), 1xLegrand 16A single dedicated socket outlet (4x2) and 2 x RJ45 outlets					
	(i)	Equal or similar approved to O-Line UDS underfloor box with 16A dedicated double socket outlet and 16A non Dedicated double socket outlet	each	1		R	-
	(ii)	Equal or similar approved to UMMAC 5D Blaster Range Siren 400VAC	each	1		R	-
	Provision for other services						
	(a)	RJ11 Telephone Data outlet complete on power skirting					
	(i)	Labour rate	No	10		R	-
	(ii)	Material rate	No	10		R	-
	(b)	RJ45 Data Internet outlet complete on power skirting					
	(i)	Labour rate	No	4		R	-
	(ii)	Material rate	No	4		R	-
	(c)	USB outlet complete on power skirting					
	(i)	Labour rate	No	14		R	-
	(ii)	Material rate	No	14		R	-
Total Carried to Summary							-

FRAMEWORK CONTRACTS FOR ELECTRICAL WORKS - BUILDINGS & EXTERNAL LIGHTING IN VARIOUS TNPA PREMISES - 3 YEAR

EB.W03

Item	Description	Unit	Quantity	Rate	Amount
<i>Balance brought forward</i>					-
EB.W03.02	Trunking				
A.	P1000 (41mm x 41mm x 2.5) wiring duct suspended 2m from rafters complete with all installation fittings				
	Labour rate	m	200		R -
(ii)	Material rate	m	200		R -
B.	2 Tier power skirting complete with covers and all accessories				
(i)	Labour rate	m	75		R -
(ii)	Material rate	m	75		R -
C.	P1000 trunking complete with all accessories and installation fittings for office block				
(i)	Labour rate	m	40		R -
(ii)	Material rate	m	40		R -
D.	P8000 trunking complete with all accessories and installation fittings for office block				
(i)	Labour rate	m	40		R -
(ii)	Material rate	m	40		R -
Total Carried to Summary					-

FRAMEWORK CONTRACTS FOR ELECTRICAL WORKS - BUILDINGS & EXTERNAL LIGHTING IN VARIOUS TNPA PREMISES - 3 YEAR

					EB.W03	
Item	Description	Unit	Quantity	Rate	Amount	
<i>Balance brought forward</i>					-	
EB.W03.04	LIGHTING					
(a)	Equal or similar approved BEKA Roughguard LED 55w surface mounted luminaire	No	5		R	-
(b)	Equal or similar approved to NORDLAND N50-LED 1200 64W LED Zone 2 surface mounted luminaire, including hook clamps and accessories					
(i)	Labour rate	No	6		R	-
(ii)	Material rate	No	6		R	-
(c)	Equal or similar approved to BEKA Series 30, 20W LED BULKHEAD					
(i)	Labour rate	No	6		R	-
(ii)	Material rate	No	6		R	-
Total Carried to Summary					-	

FRAMEWORK CONTRACTS FOR ELECTRICAL WORKS - BUILDINGS & EXTERNAL LIGHTING IN VARIOUS TNPA PREMISES - 3 YEAR

					EB.W01	
Item	Description	Unit	Quantity	Rate	Amount	
<i>Balance brought forward</i>					-	
EB.W01.1(d)	New electrical installation, including generator installation. a 200kVA Mobile Diesel Standby Generator (as specified in the addendum issued)					
(i)	Labour rate	SUM	1		R	-
(ii)	Material rate	SUM	1		R	-
EB.W01.1(e)	Certificate of compliance for the complete installation					
(i)	Labour rate	SUM	1		R	-
(ii)	Material rate	SUM	1		R	-
EB.W01.1(f)	Operation and Maintenance manuals					
	Prepare maintenance manuals, drawings and block plans and converting to electronic format on usb /memory stick					
(i)	Labour rate	SUM	1		R	-
(ii)	Material rate	SUM	1		R	-
EB.W01.1(g)	Statutory & regulatory requirements					
(i)	Labour rate	SUM	1		R	-
(ii)	Material rate	SUM	1		R	-
EB.W01.1(h)	Attendance of progress meetings					
(i)	Labour rate	SUM	1		R	-
(ii)	Material rate	SUM	1		R	-
EB.W01.1(i)	Fixed Price Items					
	Establishment of stores					
(i)	Labour rate	SUM	1		R	-
(ii)	Material rate	SUM	1		R	-
EB.W01.1(j)	Establishment of communication					
(i)	Labour rate	SUM	1		R	-
(ii)	Material rate	SUM	1		R	-

EB.W01.1(k)	Removal of site on completion					
(i)	Labour rate	SUM	1		R	-
(ii)	Material rate	SUM	1		R	-
Total Carried to Summary						-

	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>RATE</u>	<u>AMOUNT</u>
86	<p><u>ROOF COVERINGS</u></p> <p>WORK GROUPS: Unless otherwise stated the work group for this Bill shall be WG124</p> <p>Trade Preambles:</p> <p>NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill.</p> <p><u>METAL ROOF SHEETING AND ACCESSORIES</u></p> <p><u>Nominal thickness 0.80mm "Klip-Lok" or similar approved aluminium roofing sheets with silicone polyester top finish, to colour of Architects choice, on an epoxy-primed surface (10 microns) and standard grey backing coat to other side, etc., including fixing to timber purlins at approximately 700 mm centres including all screws, bolts, washers, etc, strictly in accordance with manufacturer's specification:</u></p>				
86.1	Roof covering with pitch not exceeding 25 degrees, in transportable lengths.	m2	23,00		-
86.2	Standard ridge capping.	m	14,00		-
	<p><u>ROOF AND WALL INSULATION</u></p> <p><u>Heavy Industrial double sided reflective foil laminate incorporating layers of kraft paper and reinforcing scrim, laminated together with low density polyethylene (293gsm):</u></p>				
86.3	Insulation laid taut over purlins (at approximately 1m centres) and fixed concurrent with roof covering, including taped laps and nylon / galvanised straining wires.	m2	20,00		-
	<p><u>BROWNBUILT PROFILED METAL SHEETING AND ACCESSORIES</u></p>				
86.4	0,58mm Thick pre-painted factory coated Z275 Brownbuilt profile roll-formed roof sheeting in continuous lengths, concealed fixed, on double sided reflective aluminium foil faced insulation barrier:				

86.4	Roof covering with pitch not exceeding 25 degrees. 0,58mm Thick AZ200 prepainted factory coated finished flashings and accessories including finish to match roof sheeting:	m ²	1 151		R	-
86.5	Ridge capping to suit roof profile.	m	60,00		R	-
86.6	Headwall flashing 375mm girth and two times bent along girth.	m	50,00		R	-
PROFILED POLYESTER SHEETING						
IBR Profile heavy industrial 85% translucent Glassfibre Reinforced polyester roofing sheets, in single lengths, fixed to steel purlins						
86.7	Side cladding. PROFILED METAL SHEETING (CPAP Work Group No. 124 Unless Otherwise Stated) 0,8mm thick"Safintra Tufdek" aluminium IBR Roofing sheets and 0,8mm thick accessories with polyclosers where necessary or similar approved, both with Chromadek colour one side, in single sheet lengths and fixed to steel purlins	m ²	214		R	-
86.8	Roof covering with pitch not exceeding 25 degrees.	m ²	216		R	-
86.9	Side cladding.	m ²	2360		R	-
86.10	Corner trim.	m	692		R	-
86.11	Sidewall flashing.	m	60		R	-
86.12	Counter flashing.	m	60		R	-
86.13	Headwall flashing.	m	100		R	-
86.14	Counter flashing.	m	100		R	-
86.15	Jamb flashing.	m	92		R	-
86.16	Expanded polyethylene polycloser eaves filler.	m	1384		R	-

	0,8mm thick"Safintra Tufdek" aluminium IBR Roofing sheets and 0,8mm thick accessories with polyclosers where necessary or similar approved, both with Chromadek colour one side, in single sheet lengths and fixed to timber trusses					
86.17	Roof covering with pitch not exceeding 25 degrees.	m2	4017		R	-
86.18	Corner trim.	m	184		R	-
86.19	Barge flashing	m	26		R	-
86.20	Apex flashing.	m	26		R	-
86.21	Expanded polyethylene polycloser eaves filler.	m	368		R	-
	PREFABRICATED ROOF TRUSSES ETC					
	Prefabricated timber roof construction complete including purlins, runners, bracing hips, valleys, cleats, purlins, etc., supplied and fixed complete:					
	Preamble note:					
	Trusses are at approximately maximum 1173mm centres.					
	Roof coverings are 0,58mm Thick Brownbuilt Z275 Prepainted factory coated finished galvanised profile roll-formed roof sheeting with double-sided aluminium foil insulation.					
	References given in descriptions will be referred to the respective roofs detailed on the architect's/engineer's drawings accompanying these Bills of Quantities for tender purposes.					
	Sawn Softwood Grade 4:					
86.22	Roof construction to double pitched roof, size 8,94m x 15,09m on plan with 0,50m overhang on both side, installed complete	No	5,00	Work Package Stage		

86.23	Roof construction to double pitched roof, Unit 6, size 9,02m x 15,07m on plan with 0,50m overhang on both side, including mono pitched roof by master bedroom size 4.20m x 6.23m on plan	No	1,00	Work Package Stage		
86.24	Roof construction to mono pitched roof, Carport, size 3,34m x 7,30m on plan with 0,50m overhang, installed complete	No	6,00	Work Package Stage		
86.25	Roof construction to mono pitched roof, Toilet and Store, size 3,46m x 6,08m on plan	No	1,00	Work Package Stage		
ROOF SUNDRIES						
Sundries:						
86.27	Wrought faces on sawn timbers.	m ²	133,00	Work Package Stage		
86.28	50 x 150mm timber beam.	m	82,00		R	-
EAVES, VERGES, ETC						
Medium density plain fibre cement boards:						
86.29	12 x 300mm Fibre cement fascia boards.	m	197,00		R	-
86.30	12 x 225mm Fibre cement barge boards.	m	254,00		R	-
<u>PREFABRICATED ROOF TRUSSES, ETC.</u>						
<u>Plate nailed timber roof truss construction to be Mitek or similar design approved:</u>						
86.31	Roof construction to rectangular shaped double pitched roof not exceeding 25 degree pitch with two hipped ends overall size 4.44 x 4.74m and 3000mm high overall including 38 x 114mm wall plates, trusses, king posts, queen posts, jack rafters, including permanent bracing and all fixing and including 50 x 75mm purlins/battens at centres for roof covering (elsewhere measured) all complete as per Architects Schedule	No	1,00	Work Package Stage		
86.32	Allow for bracing, cross bracing, connecting clips, fixing brackets, hurricane clips, etc., as required for fixing in position of roof trusses as described in accordance with the manufacturer's instructions. Remove existing Roof Trusses exposed to elements & discard	Item	1,00	Work Package Stage		
86.33	Extra over for wrought purlins at eaves and veranda's.	m	18,00	Work Package Stage		

	Sawn softwood:					
86.34	38 x 114mm Wall plates.	m	147,00		R	-
86.35	50 x 75mm Purlins.	m	621,00		R	-
	Wrought softwood:					
86.36	50 x 76mm Bearer fascia support (Provisional).	m	149,00		R	-
	Laminated S. A. pine:					
86.37	90 x 228mm beam.	m	48,00		R	-
	<u>Sawn softwood / Pine:</u>					
86.38	38 x 114mm Wall plates.	m	12,00		R	-
86.39	50 x 75mm Purlins.	m	31,00		R	-
86.40	38 x 114mm Runner (Provisional).	m	40		R	-
86.41	38 x 76mm Bracing (Provisional).	m	40		R	-
	<u>Wrought softwood:</u>					
86.42	50 x 76mm Bearer fascia support (Provisional).	m	18,00		R	-
	EAVES, VERGES, CILLS ETC					
	Pressed medium density plain fibre-cement:					
86.43	12 x 225mm Fascia fixed to roof timbers at centres of not exceeding 900mm, including steel H-profile jointing plates, screws, holes, etc.	m	18,00		R	-
86.44	15 x 150mm Nutec or similar approved fiber cement window cill, fixed with galvanised lugs and cast in mortar bed in compliance with manufactures specification etc.	m	2,00		R	-
	NOTE: Truss prices are to include for the design, supply and erection of the trusses complete including bolts, connectors, connections, etc. The dimensions of the trusses given in the following descriptions are nominal and the actual measurements for the design and manufacture of the trusses must be taken from the working drawings. The truss spans given are measured horizontally between the outer faces of the wall plates. -----					
	Monoplaner Prefabricated connector Plate Roof Trusses at 1200mm maximum centres with a pitch of 5 degrees and suitable for 0,6mm thick IBR Roof covering with purlins at 1500mm centres and no ceiling					

	Sawn Pine					
86.45	Monopitch truss size 5570mm span x 600mm high with 350mm overhang.	No	13		R	-
86.46	Monopitch truss size 2810mm span x 400mm high with 500mm overhang.	No	8		R	-
86.47	Bracing and runners.	Item	1		R	-
	EAVES AND VERGES					
	4mm Cladit Fibre Reinforced Cement Sheets or similar approved with 20mm half round wrot meranti cover strips over joints, fixed with cadmium plated nails or smilar approved					
86.48	Horizontal eaves soffit lining in approximately fixed to and including sawn Pine brandering along both edges and across sheets.	m2	34		R	-
	REMOVING METAL ROOF SHEETING AND ACCESSORIES					
	Everite unpressed fibre reinforced cement fascia cut or similar approved prodcut to lengths and butt jointed with galvanised H-Profile steel jointing strips and fixed with countersunk brass screws					
86.49	15 x 225mm Fascia or bargeboard.	m	68		R	-
87	Insulation					
87.1	Sisalation 420 RSA reinforced aluminium foil insulation laid with 150mm wide laps at all joints on top of steel purlins on and including 2mm diameter galvanised wires tightly strained across tops of purlins at 500mm centres.	m2	262		R	-
88	Rain Water Goods					
	0,8mm thick watertite seamless pre-painted aluminium Ogee Gutter, rainwater pipe and accessories In long lengths or similar approved					
88.1	200 x 250mm Eaves gutter fixed to steel purlins.	m	142		R	-
88.2	300 x 150mm Eaves gutter fixed to steel purlins.	m	16		R	-
88.2	100 x 125mm Eaves gutter fixed to fibre cement fascia.	m	60		R	-
	Extra for					
88.3	Stopped end.	No	10		R	-

88.4	Outlet with nozzle for 75 x 100mm rainwater pipe.	No	23		R	-
	(End Of Extra For)					
88.5	75 x 100mm Rectangular section rainwater pipe fixed 25mm clear of walls with galvanised sheet iron ears screwed to and including 200 x 70 x 22mm chamfered and oiled hardwood blocks plugged to wall.	m	129		R	-

	Extra For					
88.6	Shoe.	No	23		R	-
88.7	Bend.	No	23		R	-
88.8	Swanneck bend.	No	19		R	-
88.9	Swanneck 500mm projection.	No	23		R	-
88.10	80mm Spreader 800mm long and fixing to bottom of 80mm rainwater pipe.	No	5		R	-
	Wrot Meranti					
88.11	19mm Quadrant bead.	m	102		R	-
				Sub total (Bill No 8)		

	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>RATE</u>	<u>AMOUNT</u>
	<u>BILL NO.9</u>				
89	<u>DOORS, JOINERY, ETC</u>				
	<u>Wrought meranti:</u>				
	<u>Approved solid flush doors, with Commercial veneer both sides and with hardwood edge strips, tongued and sides and grooved on to edges:</u>				
89.1	44mm Thick, Solid core commercial ply double flush panel door, including rebated meeting styles with 10mm hardwood edges size 1100 x 2,032mm high including 450 x 450mm natural anodised aluminium vent grille slotted in door complete	No	1,00	R	-
	<u>Approved solid meranti FLB doors:</u>				
89.2	44mm Thick, framed, ledged braced and batten single door, size 901 x 2032mm high with rebated meeting edges, formed of 44 x 114mm stiles and top rail, 22 x 114mm middle ledge and braces and 22 x 222mm bottom ledge including the stiles and top rail grooved for and filled in flush on one side with 6mm plywood and otherside with 22 x 70mm tongued, grooved and V-jointed vertical boarding with V-joint continued around framing on flush side, including each board twice countersunk, screwed at intersections with ledges all	No	1,00	R	-
	<u>8 Leaf wooden folding doors:</u>				
89.3	Aluglass Bautech Varifold or similar approved wooden folding door model (Classic / Elegance) with clear opening of 2400mm high x 6790mm wide finished and including heavy duty hook lock all	No	3,00		
	<u>Wrought meranti doors:</u>				
89.4	42mm Sunshine manufacturing or equally approved wide horizontal grooved solid Meranti slatted door (Meranti kiln dried), size 813 x 2032mm high	No	6,00	R	-
89.5	44mm FLB door, size 813 x 2032mm high	No	6,00	R	-
	<u>HARDWOOD DOORS</u>				
	Hardwood doors				

89.6	44mm Thick semi-solid flush door, edged with 10mm hardwood faced with tempered smooth face hardwood for panting, size 813 x 2032mm	No	25,00		R	-
	Red Meranti					
	Solid Core Flush Doors Finished On Both Faces With Decorative Veneer					
89.7	40mm Door in two leaves with rebated meeting stiles, (Hung folding) size overall 1511 x 2032mm.	No	12		R	-
89.8	40mm Door, (Hung) size 813 x 2032mm.	No	5		R	-
89.9	Extra for forming opening for louvre unit size 400 x 300mm.	No	5		R	-
	Sundries					
89.10	Troxor or similar approved non-vision door grille (type ADS-T) with matching rear frame complete with horizontal fixed angled blades and border countersunk for screw fastening	No	5		R	-
	Bitcon Rubidor Class A fire doors or similar approved, including primed pressed steel frames for one Brick Wall, finished on both faces with commercial veneer					
89.11	Door, (Hung) size 813 x 2032mm.	No	7		R	-
	FRAMED FRAMES ETC					
	Wrought meranti:					
89.12	75 x 100mm Rebated frames plugged, with galvanised lugs every 5th brick course and 3 PVC buffers to closing.	m	249,00		R	-
89.13	19mm hardwood quadrant trim of door frame	m	498,00		R	-
	<u>FRAMED FRAMES ETC</u>					
	<u>Wrought meranti:</u>					
89.14	70 x 108mm Rebated and angle rounded door frames plugged	m	5,00		R	-
	<u>SKIRTINGS, ARCHITRAVES, ETC</u>					
	<u>Wrought meranti:</u>					
89.15	19 x 76mm Skirting including 19 mm quadrant bead planted on.	m	15,00		R	-

89.16	19 x 70mm Angle rounded skirting, plugged and including 19mm quadrant bead planted on.	m	447		R	-
	<u>Sundries:</u>					
89.17	38 x 76 mm Chamfered and grooved weatherboard fixed in and including groove or rebate in underside of door.	m	1,00		R	-
	<u>HARDWOOD TIMBER SUNDRIES</u>					
	<u>Wrought meranti:</u>					
89.18	32mm Diameter polished hardwood longarm window opener 1500m long fitted with polished brass pole hook, secured with one chromium plated spring clips screwed to and including small polished hardwood block plugged to wall.	No	1,00		R	-
	Custom mad door, frames and ironmongery					
	All below mentioned items include all fittings (to be priced using the applicable drawings)					
89.19	Custom design Roll up Serranda galvanised roll up door frame Epoxy finish (TYPE E) or similar approved	No	2,00		R	-
89.20	Custom design Roll up Serranda galvanised roll up door frame Epoxy finish (3800x3760m or similar approved	No	4,00		R	-
89.21	Custom design Roll up Serranda galvanised roll up door frame Epoxy finish (2500x3760m) or similar approved	No	2,00		R	-
89.22	2500 x 3500h SABS CAT 2 double reinforced strongroom door with 10mm plate ,75mm total door thicknes,galvernized finish	No	2,00		R	-
89.23	1000 x 2400h SABS CAT 2 double reinforced strongroom door with 10mm plate ,75mm total door thicknes,galvernized finish	No	4,00		R	-
90	<u>JOINERY FITTINGS (PROVISIONAL)</u>					
	<u>General Joinery Fittings complete:</u>					
	<u>Kitchen Cupboard:</u>					
90.1	L shaped Kitchen Counter 02, 1486mm in length with 600mm wide Rustenburg granite counter top with double bowl sink (Elsewhere measured), colour Espresso 900mm above the ground, with cupboards underneath, inclusive of all ironmongery	No	6,00	Work Package Stage		

90.2	L shaped Kitchen Counter 03, 2499mm in length with 600mm wide Rustenburg granite counter top, colour Espresso 900mm above the ground, cupboards underneath, 1200mm high cupboards and open shelves 500mm above counter, and microwave position, inclusive of all ironmongery	No	6,00	Work Package Stage	
90.3	L shaped Kitchen Counter 04, 2980mm in length with 800mm wide Rustenburg granite counter top, colour Espresso 900mm above the ground, with cupboards underneath, with 1200 high cupboards 500mm above counter, 642mm high cupboards and open shelves 1000mm above counter, inclusive of all ironmongery	No	6,00	Work Package Stage	
90.4	Rectangular shaped Kitchen Built In Cupboard, 898mm in length with drawers with 16mm melamine panel with Max on Top HPL finish with arctic white colour finish 2770mm high	No	6,00	Work Package Stage	
90.5	Rectangular shaped Passage Cupboard in Unit 6, 1300mm in length with 16mm melamine panel with Max on Top HPL finish with arctic white colour finish 2770mm high, inclusive of all ironmongery	No	1,00	Work Package Stage	
90.6	Rectangular shaped Bedroom 2 Wardrobe 2270mm in length with drawers and open shelves, with 16mm melamine panel with Max on Top HPL finish with arctic white colour finish 2770mm high, inclusive of all ironmongery	No	6,00	Work Package Stage	
90.7	Rectangular shaped Master Bedroom Wardrobe 3600mm in length with drawers and open shelves, with 16mm melamine panel with Max on Top HPL finish with arctic white colour finish 2770mm high, inclusive of all ironmongery	No	1,00	Work Package Stage	
90.8	Rectangular shaped Bedroom 1 Wardrobe 2464mm in length with drawers, with 16mm melamine panel with Max on Top HPL finish with arctic white colour finish 2770mm high, inclusive of all ironmongery	No	5,00	Work Package Stage	
90.9	Rectangular shaped Bedroom 3 Wardrobe 2085mm in length with drawers, with 16mm melamine panel with Max on Top HPL finish with arctic white colour finish 2770mm high, inclusive of all ironmongery	No	1,00	Work Package Stage	
Joinery (Cupboards)					

91	Laundry cupboards				
91.1	Robust open shelving including best humidity and resistant carcass shelves, shelves and fascia type 2040x300x2720mm high with top, sides, bottom, division and shelf, including all necessary ironmongery	No	1,00	Work Package Stage	
92	Kitchen cupboards				
92.1	Robust open shelving including best humidity and resistant carcass shelves, shelves doors, hinges, handles, locks and name/number plates. Melamine facings to conceal carcass 3970x300x2720mm high with top, sides, bottom, division and shelf, including all necessary ironmongery	No	1,00	Work Package Stage	
92.2	Restroom cupboards Combination cupboard, including best humidity and corrosion resistant Carcass, Shelves, Doors, Hinges, Handles, Locks and Name/Number plates. Melamine facings to conceal carcass size 3382x600x2720mm high with top, sides, bottom, division, shelf, back and double hinged doors, including all necessary ironmongery	No	1,00	Work Package Stage	
92.3	Reception desk Floor L-section desk with one section 2400x920x950mm high and other section 1000x920x920 with sides, bottom, divisions, shelf, back and double hinged doors (sink elsewhere) including brush polished stainless steel kickplate (a/b), including all necessary ironmongery	No	1,00	Work Package Stage	
93	Changeroom bench				
93.1	Floor plugged hardwood timber bench 1400x380x400mm high formed of custom galvanized and painted mild steel frame below fixed to floor	No	1,00	Work Package Stage	
94	Solid core flush panel				
94.1	40mm thick commercial veneered solid core flush panel door. Finish: Prepare Prime and paint 1 undercoat and 2 coats mid-sheen enamel	No	3,00	Work Package Stage	
94.2	40mm thick commercial veneered semi-solid core flush panel door. Undercut: 120mm and reinstate door bottom edge. Finish: Prepare prime and paint 1 undercoat and 2 coats mid-sheen enamel,	No	1,00	Work Package Stage	
				Sub total (Bill No 9)	

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	BILL NO. 12				
102	TILING				
	WORK GROUPS: Unless otherwise stated the work group for this Bill shall be WG144				
	Trade Preambles:				
	NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill.				
	SUPPLEMENTARY PREAMBLES				
	Descriptions:				
	Unless described as fixed with adhesive to plaster (plaster elsewhere), descriptions of tiling on brick or concrete walls, columns, etc., shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc. shall be deemed to include 1:3 plaster bedding.				
	PORCELAIN FLOOR COVERINGS, WALL LININGS, ETC.				
	PORCELAIN FLOOR TILING				
	600 x 600 x 12mm full bodied porcelain tiles laid on sabs approved tile adhesive OR similar approved product, grout to architect's choice and soft joints of 3mm raked clean of the tile adhesive and filled with polyurethane sealant (colour grey). Allow the prime cost amount of R500-00 (Five Hundred Rand excluding VAT) net per square metre for tiles, supplied and delivered to site and add for taking delivery, storage and installation.				
102.1	On screeded floors.	m ²	681,00		-
102.2	100mm High skirting to match floor tile.	m	604,00		-
	PORCELAIN WALL TILING				
	600 x 600 x 12mm full bodied porcelain wall tiles laid in stretcher pattern on an sabs tile adhesive OR similar approved product, grout to architect's choice and soft joints of 3mm raked clean of the tile adhesive and filled with polyurethane sealant (colour grey). Allow the prime cost amount of R500-00 (Five Hundred Rand excluding VAT) net per square metre for tiles, supplied and delivered to site and add for taking delivery, storage and installation.				

102.3	On walls.	m ²	344,00		R	-
102.4	On narrow widths.	m ²	12,00		R	-
	NOSINGS, JOINT COVERS, PROTECTORS, ETC.					
	Mtrim' or similar approved cover strips:					
102.5	Mtrim' ASSJ16R or similar approved structural movement joint cover size 38mm wide x 30mm deep fixed to concrete and screeded over including ridged infill.	m	210,00		R	-
	M Trim' PVC round edge trim:					
102.6	Kirk Marketing or similar approved product 12mm stainless steel straight edge trim 12mm to suit tiling 6 to 8mm thick, fixed with adhesive to external wall corners.	m	64,00		R	-
	Wall tiling glazed porcelain					
	300 x 200mm glazed and rectified premium porcelain wall tiles, fixed to internal wall laster/rhinoboard backing with approved tile adhesive. 2-3mm					
102.6	On walls.	m ²	30,00		R	-
	600 x 300mm glazed and rectified premium porcelain wall tiles, fixed to internal wall plaster rhinoboard backing with approved tile adhesive. 2-3mm grout to match. Tile and grout colour to be selected. Natural Anodised edge trims visible tile edges.					
102.7	On walls.	m ²	150,00		R	-
	300 x 200mm glazed and rectified premium porcelain wall tiles, fixed to internal wall plaster rhinoboard backing with approved tile adhesive. 2-3mm grout to match. Tile and grout colour to be selected. Natural Anodised edge trims visible tile edges.					
102.8	On walls.	m ²	40,00		R	-
	FLOOR TILING					
	Tile 1 - large format full body porcelain lappato floor 600x600 or similar, to be selected from finish (evolution colour) or mid grey matt porcelain floor times or similar sabs approved products. A premium range full bodied rectified high traffic tiles, set in manufacturer approved adhesive, and with 2mm water resistant grout					

102.9	On floors.	m ²	110,00		R	-
102.10	SKIRTING: 120mm high matching tile skirting with edge trims along all walls Tile 2 - medium format full body porcelain lappato finish 600x600 or similar or mid grey matt porcelain floor, to be selected from premium range full bodied rectified high traffic glazed tiles, set in manufacturer approved adhesive, and with 2mm water resistant grout (colour to be selected)	m ²	140,00		R	-
102.11	On floors.	m ²	110,00		R	-
102.12	SKIRTING: 120mm high matching tile skirting with edge trims along all walls Tile 3 - Mosaic full body porcelain glazed matt floor or medium format full body porcelain lappato or kreta dark grey porcelain tile or similar sabs approved products: 300x300 or 200x 200 or similar, to be selected from premium range full bodied glazed mosaic tiles, set in manufacturer approved	m ²	140,00		R	-
102.13	On floors. Van Dyck design jewel Or Similar approved carpet sheeting of specified colour laid with Low VoC Adhesive	m ²	10,00		R	-
102.14	On floors. Vinyl Accessories of specified colour fixed with adhesive with low volatile organic compound (VOC)	m ²	217		R	-
102.15	70mm High skirting. FloorworX norament 825 Or Similar approved rubber floor tiles laid with adhesive with low Volatile Organic Compound (VOC) including welded joints as per Manufacturer's Specification	m	215		R	-
102.16	On floors. Union Tiles Beige Polished Porcelain Tiles (Code: 1MAR3GBEI) Or any similar sabs approved tile. Size 600 x 600mm fixed with adhesive and jointed and pointed with 4mm flush joints in coloured Grout on screed (Elsewhere Measured)	m ²	5		R	-
102.17	On floors and landings with continuous joints in both directions.	m ²	127		R	-
102.18	On riser 180mm high formed of one row stretcher course tiles.	m	19		R	-

102.19	On treads 280mm wide formed of one row header course tiles.	m	19		R	-
102.20	100mm High skirting formed of cut floor tiles.	m	74		R	-
	Ceramic glazed floor tiles size 300 x 300mm fixed with adhesive and jointed and pointed with 4mm flush joints in coloured grout on screed (Elsewhere Measured) Or any similar sabs approved tile					
102.21	On floors and landings with continuous joints in both directions.	m2	24		R	-
102.22	100mm High skirting formed of cut floor tiles.	m	34		R	-
	WALL TILING					
	Johnson Matisse MA10 Or similar approved Ivory glazed ceramic wall tiles size 152 x 152 x 6,3mm thick fixed with adhesive and jointed and pointed with flush joints in grout on plaster (Elsewhere Measured) Or any similar sabs approved tile					
102.23	On walls.	m2	196		R	-
102.24	On isolated panels, splashbacks, etc to walls not exceeding 1m2.	m2	5		R	-
	Sundries					
102.25	PVC tile edge trim to wall tiles.	m	18		R	-
102.26	Rake out 5 x 8mm deep floor tile joint, prime and caulk with an approved coloured polysulphide applied with a pressure caulking gun.	m	83		R	-
102.27	30 x 13 x 3mm Aluminium angle stair nosing bedded under tiles	m	19		R	-
	<u>200 x 200 x 5mm white glazed ceramic tiles fixed with approved tile adhesive to plaster (plaster elsewhere measured):</u>					
102.28	On walls in isolated panels, splashbacks, etc.	m2	16,00		R	-
				Sub total (Bill No 12)		

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<u>BILL NO.14</u>				
105	<u>METALWORK</u>				
	<u>SUNDRY BRASS WORK:</u>				
	<u>Brass:</u>				
105.1	4 x 30mm Weatherbar set in concrete flush with floor finish one	m	1,00		R -
	<u>PRESSED STEEL DOOR FRAMES:</u>				
	<u>Hot Dipped Galvanized.</u>				
	<u>1,6mm Rebated frames suitable for half brick walls with two 100 x 75mm ball bearing stainless steel butt hinges per door leaf:</u>				
105.2	Frame for door 813 x 2032mm high.	No	1,00		
	<u>GALVANIZED STEEL WINDOW FRAMES</u>			6,00	
	<u>Hot Dipped Galvanized.</u>				
	<u>Durowin' or similar approved galvanised steel residential type window frames fitted with burglar bars to all opening sections at factory:</u>				
105.3	Window (W2), total size 987 x 988mm, with burglar bars all	No	1,00		R -
105.4	Window (W3), total size 533 x 949mm, with burglar bars all	No	1,00		R -
105.5	Aluminium Window: 987 x 1445	No	1,00		R -
105.6	Aluminium Window: 533 x 1445	No	1,00		R -
	<u>ALUMINIUM WINDOWS, DOORS, ETC</u>				
	<u>Note:</u> All tenderers should allow for standard ironmongery items.				
	<u>Note:</u> All dimensions to be checked on site prior to construction. Clear silicone joints between window frames and brickwork. Aluminium frames shall be factory wrapped in protective plastic covering and shall be removed once building works are complete.				
	<u>Charcoal powder coated aluminium windows with 6mm clear safety glass to AAMSA standards with structural silicone all round and secret fixed glazing beads on one side</u>				
105.7	Window 1500 x 1200mm high overall code W01	No	31,00		R -
105.8	Window 1800 x 1800mm high overall code W05	No	1,00		R -

	Charcoal powder coated aluminium windows with beads on one side 4mm frosted glass to AAMSA standards with structural silicone all round and secret fixed glazing beads on one side					
105.9	Window 1511 x 654mm high overall code W02	No	3,00		R	-
	Charcoal powder coated aluminium windows with 4mm safety glass to AAMSA standards with structural silicone all round and secret fixed glazing beads on one side					
105.10	Window 533 x 654mm high overall code W03	No	17,00		R	-
	Charcoal powder coated aluminium windows with 4mm clear safety glass to AAMSA standards with structural silicone all round and secret fixed glazing beads on one side					
105.11	Window 1022 x 949mm high overall code W04	No	8,00		R	-
106	DOORS, ETC.					
	Powder coated aluminium frame colue blue grey, with laminated safety glass in neoprene gasket. Note : Gaps on sides and soffits to have maximum tolerance of 3mm and to be filled with approved silicon sealant.					
106.1	Door 1800 x 2032mm high overall	No	1,00		R	-
107	<u>CUPBOARDS</u>					
	<u>Cupboard By Insight With Epoxy Powder Coated Finish:</u>					
	Code CU10 Cupboard or similar approved with four shelves and lockable double doors, size 900 x 450 x 1800mm high bolted to wall with four 6mm diameter expansion bolts.					
107.1		No	1,00		R	-
108	SUNDRY METALWORK					
	Galvanised Mild Steel					
	PRIMED PRESSED STEEL DOOR FRAMES					
	1,2mm thick double rebated frame for half brick wall complete with butts, etc and including setting up, building in, filling back of frame with cement mortar, etc					
108.1	Frame for door size 813 x 2032mm.	No	13		R	-
108.2	Frame for double door size 1511 x 2032mm.	No	3		R	-
109	STEEL STRONGROOM DOORS, VENTILATORS, ETC					
	Austin P100 record room door or similar approved product and frame size 1030 x 2010mm overall (mass 245kg) including setting up, building in and caulking all around in 1.1 cement mortar.					
109.1		No	1		R	-

110	NATURAL ANODISED ALUMINIUM WINDOWS, DOORS, ETC					
	Pre-glazed projected-out aluminium windows complete with ironmongery and including setting up, building in, filling back of frame with cement mortar, sealing around with silicone. etc					
110.1	Window type W01 size 1500 x 1700mm glazed with 6.38mm Solarvue Neutral HL. Glazing.	No	12	Work package stage		
110.2	Window type W02 size 630 x 1170mm glazed with Frosted 6.38mm Solarvue Neutral HL. Glazing.	No	2	Work package stage		
110.3	Window type W03 size 1350 x 1455mm glazed with 6.38mm Solarvue Neutral HL. Glazing.	No	10	Work package stage		
110.4	Window type W04 size 900 x 1700mm glazed with 6.38mm Solarvue Neutral HL. Glazing.	No	1	Work package stage		
110.5	Window type W05 size 600 x 1140mm glazed with Frosted 6.38mm Solarvue Neutral HL. Glazing.	No	2	Work package stage		
110.6	Window type W06 size 1500 x 1200mm glazed with Frosted 6.38mm Solarvue Neutral HL. Glazing.	No	5	Work package stage		
110.7	Window type W07 size 1630 x 1540mm glazed with Frosted 6.38mm Solarvue Neutral HL. Glazing.	No	9	Work package stage		
110.8	Window type W08 size 2280 x 1540mm glazed with Frosted 6.38mm Solarvue Neutral HL. Glazing.	No	4	Work package stage		
	Pre-glazed aluminium doors, sidelights, etc., complete with ironmongery and including setting up, building in, filling back of frame with cement mortar, sealing around same with silicone. etc.					
110.9	Door size 2265 x 2645mm	No	1		R	-
110.10	Door size 2265 x 2250mm	No	1		R	-
110.11	Door size 775 x 2475mm	No	2		R	-
	Galvanised Steel Staircase					
110.12	Galvanised steel fire escape staircase and hand railing complete	No	1	Work package stage		
	Galvanised Mesh Screen Gates					
110.13	Single leaf framed mesh screen swing gate size 1100 x 2595mm high (complete)	No	1		R	-
110.14	Single leaf framed mesh screen swing gate size 1510 x 2595mm high (complete)	No	1		R	-

110.15	Double leaf framed mesh screen swing gate size 5902 (overall) x 2200mm high (complete)	No	2		R	-
	Galvanised Mesh Screens					
110.16	Framed mesh screen size 4790 x 2200mm high (complete)	No	2		R	-
Sub total (Bill No 14)						

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<u>BILL NO. 28</u>				
135	<u>METALWORK</u>				
	<u>GALVANIZED GATES</u>				
	<u>Hot Dipped Galvanised Steel Gates:</u>				
	<u>Note: The contractor is to check on site measurements before placing of order.</u>				
135.1	Double gate formed of 8 x 44mm steel flat frame welded at angles in corners, divided into three sections with two cross rails, including 12mm diameter vertical bars at 70mm centres, hung on and including pair of socketed and pinned hinges with pin 18mm in diameter and bolted to brick wall including 200mm locking bolt welded on, to suit clear opening size of 1600 x 2100mm measured on site all	No	1,00	Work package stage	
	<u>Steel roller shutters etc</u>				
	Tile heavy duty galvanised steel powder coated roller shutters with 76mm slats (18kg/m2) fixed to brickwork or concrete				
135.2	Electrically operated slatted roller shutter for 3050 x 3060mm high opening, including electrical connection and commissioning (electrical isolator elsewhere)	No	2,00		
	<u>Sub total (Bill No 28)</u>				