

LEPELLE-NKUMPI LOCAL MUNICIPALITY
PROJECT NO.LNM021/2020/21
CONSTRUCTION OF MADISHA DITORO COMMUNITY HALL

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1300	<u>CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS</u>				
B13.01	The Contractor's general obligations:				
	(a) Fixed obligations	L/Sum	1		
	(b) Value-related obligations	L/Sum	1		
	(c) Time-related obligations	Month	3		
	NOTE: The combined total tendered for subitems B13.01 (a), (b) and (c) shall not exceed 15% of the Tender Sum, (excluding VAT).				
B13.02	Contractor's initial obligations in respect of the Occupational Health and Safety Act and Construction Regulations	Sum	1		
B13.03	Contractor's time related obligations in respect of the Occupational Health and Safety Act and Construction Regulations.	Sum	1		
B13.04	Provision for Submission of the Health and Safety File and medical examination of all labourers on site, in relation to occupational health and safety regulations	Sum	1		
B13.04	Handling for item B13.02;03&04	%			
B13.05	Office and laboratory accommodation:				
	(a) Furnished temporary offices	m ²	10		
	(b) Temporary Ablution units	m ²	2		
B12.01	Provision for a Community Liaison Officer				
	(a) Provisional sum for the payment and training of the Community Liaison Officer	Prov Sum			R 18 000,00
	(b) Handling cost and profit in respect of subitem B12.01(a)	%	R 18 000,00		
B12.02	Provision for cost of attending Steering Committee meetings				
	(a) Provisional sum for the payment of travel cost incurred by Steering Committee members for attending Steering Committee meetings	Prov Sum	1		R 6 000,00
	(b) Handling cost and profit in respect of subitem B12.02(a)	%			
	TOTAL CARRIED FORWARD TO SUMMARY				

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ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>BUILDING WORKS</u>				
	REMOVAL OF EXISTING WORK				
	Ceiling	m ²	150		
	Tiling	m ²	40		
	Clearing of site	m ²	200		
	Brick wall and prepare surface to receive new	m ²	24		
	<u>SUPPLEMENTRY PREAMBLES</u>				
	<u>Site clearance</u>				
1(LIC)	Removing rubbish, debris, vegetation, hedges, shrubs, digging up and grub large trees not exceeding 200mm girth, bush etc	m ²	10000		
	TOTAL CARRIED FORWARD TO SECTION SUMMARY				

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ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	TOTAL BROUGHT FORWARD				R0,00
	<u>ROUGH FORMWORK (DEGREE OF ACCURACY III)</u>				
5(LIC)	<u>Rough Formwork to sides:</u> Edges, risers, ends and reveals not exceeding 300mm high or wide (class F2 rough)	m			
	<u>MOVEMENTS JOINTS ETC</u>				
6(LIC)	<u>Expansion joints with bitumen impregnated softboard between vertical concrete and brick surfaces</u> 15mm Joints not exceeding 300mm high	m			
	TOTAL CARRIED FORWARD TO SECTION SUMMARY				

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ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>PLUMBING AND DRAINAGE</u>				
	<u>PREAMBLES</u>				
	For preambles see "Specification of material and methods to be used-PW371"				
(LIC)	<u>PLUMBING</u>				
1	Pan white hibiscus CC	no	15		
2	Cistern white 9l hibiscus -V comp	no	15		
3	Vaal hibiscus basin white	no	10		
4	Pedestals white classic vaal	no	15		
5	SS Deb sink 1200 x 460 dominox D/IN	no	1		
6	Toilet seat champagne DPE econ	no	15		
7	Urinal flat back white shanks	no	1		
8	FJ5.4 urinal T/pipe C / V	no	1		
9	Flushmaster FJ6000 U/VALVE	no	1		
10	Both white 1700 chanel with handles	no	1		
11	Testing waste pipe system	no	1		
	Electrical water heater "Kwikot" 200 litre horizontal wall mounted electric heater	no	1		
	TOTAL CARRIED FORWARD TO SECTION SUMMARY				

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ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>ELECTRICAL INSTALLATION</u>				
	<u>Cable sleeves</u> Supply and installation of PVC cabling sleeves as sleeving systems through floor construction, as entry sleeve system to power distribution boards and all other cable services, sleeves to be complete with standard large radius sleeve bends				
1	75mm Diameter	m	90		
	<u>DRAW WIRES</u> Supply and installation of 0.6mm diameter galvanised draw wires in sleeves system runs.				
2(LIC)		m	65		
	<u>DISTRIBUTION BOARDS</u> Supply, delivery to site, storage installation of the flush mounted architrave steel type power distribution boards complete with flush trays, doors, switch gear mounting trays, cooper busbars, neutral and earth bars, correctly sized internal PVC wiring, labelling and legend cards				
3		no	2		
	<u>ELECTRICAL WORK</u> Eskom electrical connection				
4(LIC)		P/Sum	1		
	<u>PREAMBLES</u> For preambles see "Specification of material and methods to be used-PW371"				
5	Surge diverters (20KA)	no	2		
6	10A (5KA) circuit breaker	no	8		
7	20A (5KA) circuit breaker	no	8		
8	60A (5KA) circuit breaker earth leakage	no	2		
9	Approved 16A photo cell	no	2		
10	30A stove circuit breaker.	no	1		
11	30A geyser circuit breaker.	no	1		
	<u>CABLES, ETC</u> Rates for cables must include for supply, delivery and installation (excavated for trenches elsewhere measured)				
12		m	200		
	<u>PVC/SWA/PVC cables including allowance for slack laid in trenches or sleeves (Excavation elsewhere measured)</u>				
13	10 mm x 2 Core cable	no	200		
	<u>Cable ends including cable glands, terminations, connections, etc</u>				
14	10 mm x 2 Core cable	no	200		
	<u>Bare copper earth wires laid cables in trenches or sleeves</u>				
15(LIC)	10mm Earth wire	m	200		
	TOTAL CARRIED FORWARD				

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ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
TOTAL BROUGHT FORWARD					
16	CONDUIT Supply and installation of SABS approved solid black enamelled, solid galvanised or PVC conduits complete with all required conduit accessories. Conduit accessories. Conduits to be cast into concrete or steel surface or fixed inside ceiling spaces on timber work. All tendered rates must make allowances for wastage:				
	Built or chase into brickwork				
17(LIC)	20mm Diameter	m	100		
18(LIC)	25mm Diameter	m	100		
	In ceiling space on timber work				
19(LIC)	20mm Diameter	m	60		
	Flush mounted type:				
20	4 x 2mm lights	no	10		
21	4 x 4mm plugs	no	20		
	PVC WIRING				
	PVC wiring in conduits				
22(LIC)	2.5mm	m	100		
23(LIC)	4mm	m	100		
	LIGHT SWITCHES				
	Supply and installation of SABS approved type 16A flush and surface type lightswitches. Final paint finishes shall be confirmed at a later stage, allowance shall however be made as specified in the general specification. All boxes for flush mounting measured elsewhere.				
24	1 Lever 1 way	no	5		
25	1 Lever 2 way	no	7		
26	2 Lever 2 way	no	1		Rate Only
27	3 Lever 2 way	no	1		Rate Only
28	4 Lever 2 way	no	1		Rate Only
	SOCKET OUTLETS				
	Supply and installation of SABS approved switched and un switched type flush and surface mounted type 16A switched sockets outlets suitable for mounting in flush steel wall boxes or in steel pedestal units or on surfaces.				
	The final colour of the paint finish shall be confirmed at a later stage, allowances shall be made as specified in the specification.				
	All flush type boxes and specials pedestals measured elsewhere.				
	Flush switched socket type				
29	Double 15 A 3 pin socket outlets.	no	15		
TOTAL CARRIED FORWARD					

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ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	TOTAL BROUGHT FORWARD				
	<u>LIGHT FITTINGS</u>				
	Supply, delivery to site, storage and installation of the below specified light fitting complete with lamps or tubes. Allowances must be made in the rates for all the required fixing material and accessories.				
	Fittings to be equal and similar approved to be below quoted manufacturer.				
	<u>Flourescent Fittings:</u>				
30	1.2m Type F2 Fittings- 36 Watt	no	20		
	Double flourescent light fitting 1500mm long complete	no	7		Rate Only
	<u>Bulkhead fittings</u>				
31	Exterior type flush mounted round bulkhead fitting- 100 Watt	no	20		
	<u>ELECTRICAL TESTS</u>				
	Making provision for the required inspections tests and the commissioning of the complete installation and the issuing of the required certificate.				
32	Building installations		Item		
33	Ceiling mounted light fitting	no	10		
34	Waterproof wall mounted light fitting 2100mm below top of plant box	no	1		Rate Only
35	Single 15 AMP plugpoint	no	10		
36	Single 30 AMP plugpoint	no	10		
	Electrical fualt finding	no	item		
	TOTAL CARRIED FORWARD TO SECTION SUMMARY				

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ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>METALWORK</u>				
	<u>PREAMBLES</u>				
	For preambles see "Specification of material and methods to be used-PW371"				
	<u>DOORS and WINDOWS</u>				
	<u>STEEL WINDOWS</u>				
	<u>Standard residential windows</u>				
1	SS53-Duty window frame H/Duty NTY	no	18		
2	SS51-Duty window H/Duty NTY	no	18		
3	TD57S9 window H/Duty NTY	no	6		
	NCT1S window H/Duty NTY	no	7		
	NTCX7S window H/Duty NTY	no	2		
	<u>PRESSED STEEL DOORS FRAMES(including Meranti wooden doors)</u>				
	<u>1.2MM Rebated frames suitable for one brick walls</u>				
4	Steel Door frame 813 x 2032 x 230 1.6mm	no	3		
5	Steel Door frame 1511 x 2032 x 115 3 10R/H & 3L/H	no	5		
6	Door solid 914 x 2032 Masonite	no	8		
7	H/C Mesonite Door 813 x 2032	no	3		
	<u>IRONMOGERY</u>				
	<u>PREAMBLES</u>				
	For preambles see "Specification of material and methods to be used-PW371"				
	<u>LOCKS</u>				
	<u>"Approved"</u>				
1	DCLSA Naples 2levers lockset SABS	no	23		
	Barrel bolts, 100mm "solid Art 204/B40" chromium barrel bolt and keep	no	10		
	<u>ROOF MATERIAL</u>				
	<u>ROOF TRUSSES</u>				
(LIC)	Roof truss direct /set including: 4m x 4m	Sum			
	<u>METAL WORK DETAILS</u>				
	Ezibrace(TC) 3.9m	EA	20		incl
	Ezistrap 10m	Roll	2		incl
	Mitreplate	EA	60		incl
	Multigrip	EA	60		incl
	Cyclone tie 900mm	EA	21		incl
	40x90 Jst Hanger Nails 3.19KN	EA	5		incl
	40x90 Jst Hanger Nailed 6.39KN	EA	2		incl
	40x90 Jst Hanger Bolted 4.5KN	EA	25		incl
	40x165 Jst Hanger Bolted 9KN	EA	130		incl
	Limstate 12KN	EA	2		incl
	TOTAL CARRIED FORWARD				

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ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	TOTAL BROUGHT FORWARD				
	Limstate 20KN	EA	1		incl
	Multigrip Hip Connections	EA	2		incl
	M12x100mm Bolts	EA	65		incl
	M12x150mm Bolts	EA	59		incl
	40x40 Square Washers	EA	110		incl
	Rink Shank Nails 40mm	kg	7		incl
	<u>SUNDRR TIMBER</u>				
	38x38 Intermediate ValleyRunner	m	48		incl
	38x38 Battens	m	1060		incl
	38x50 Tilting Battens	m	80		incl
	38x76 Wall Plate	m	90		incl
	TOTAL CARRIED FORWARD TO SECTION SUMMARY				

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ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	TOTAL BROUGHT FORWARD				
	<u>MISCELLANEOUS SUNDRY DETAILS</u>				
	R/Top Velleyiron Galv .450 1.8m	EA	10		incl
	12x225 FC Fascia 3m	EA	24		incl
	H-Profile Joiners 12x225mm	EA	24		incl
	H-Profile C/Joiners 12x225mm	EA	12		incl
	Sisalation	Roll	8		incl
	Nails 75mm	kg	25		incl
	Nails 100mm	kg	14		incl
	Carbolinium	/l	5		incl
	<u>ROOF COVERING</u>				
	IBR to Match existing roof	Sum	1		incl
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ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>CEILINGS, PARTITION AND ACCESS AND FLOORING</u>				
	<u>PREAMBLES</u> For preambles see "Specification of material and methods to be used- PW371"				
	<u>CEILINGS ETC</u>	6			
	<u>Sawn softwood</u>				
1(LIC)	38 x 114 mm Ceiling joist (Provisional)	m ²	300		
2	Nutec Ceiling 3.6 X 1.2 X 4 mm	no	14		
	<u>Wrought softwood</u>				
4	19 x 76mm Cornice nailed	m	250		
	<u>NAILED UP CEILING AND SCREWED UP CEILINGS</u>				
	<u>4mm "Everite Nutec" fibre-cement boards with standard H-type pressed steel jointing strips</u>				
5(LIC)	Ceilings including 38 x 38mm sawn softwood brander at 400mm centres	m ²	300		
6(LIC)	Sloping ceilings including 38 x 38mm sawn softwood brander at 400mm centres.	m ²			
7	Extra over ceiling for opening for 610 x 610mm trap door of 50 x 76mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening.	no	3		
	<u>Flooring finishes</u>				
1(LIC)	Floor tiles	m ²	100		
	TOTAL CARRIED FORWARD TO SECTION SUMMARY				

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ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p><u>PAINTWORK</u> <u>PREAMBLES</u></p> <p>For preambles see "Specification of material and methods to be used-PW371"</p> <p><u>PAINTWORK ETC TO NEW WORK</u> <u>ON FIBRE CEMENT</u> <u>One acrylic filler coat and two coats polyacrylic emulsion paint:</u></p>				
1(LIC)	On ceilings	m ²	250		
2(LIC)	on walls	m ²	500		
	<p><u>ON METAL</u> <u>Spot priming defects in pre-primed surfaces with zinc chromate primer and applying one undercoat and two alkyd enamel paint on steel:</u></p>				
2(LIC)	On door frames	m ²	50		
3(LIC)	On windows	m ²	45		
4(LIC)	On gates, grillers, burglar screen, balustrades etc (both side measured over the full flat area)	m ²	30		
5(LIC)	Roller Shutter Doors				
	Manual push-up slatter roller shutter for 2000x900mm high opening	no	1		
	<u>ON WOOD</u>				
5(LIC)	On doors	m ²	100		
6(LIC)	On skirting, rails etc not exceeding 300mm girth	m	200		
7(LIC)	On the walls in and out	m ²	200		
	TOTAL CARRIED FORWARD TO SECTION SUMMARY				

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ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Bill No	<u>SECTION SUMMARY</u>	Pg No			Amount
	<u>Building Works</u>				
1	Foundation	1			
2	Super structure	3			
6	Plumbing and drainage	5			
7	Electrical work	6			
8	Metalwork	10			
9	Roof Material	11			
10	Ceiling, Partitioning and access flooring	13			
11	Paintwork	14			
12	Glazing	15			
TOTAL CARRIED FORWARD TO SUMMARY					

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
AB002 B1.01(LIC)	FENCING <u>Security fencing, gates, etc including two coats</u> <u>aluminium paint on metal stays, framing, etc</u> Supply and installation of Security fencing, 1,8m high diamond wire mesh Supply and installation of 6m x 1,8m high diamont mesh fencing	 m no	 200 1		
1300	TOTAL CARRIED TO SUMMARY				

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ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
AB003	<u>INSTALLATION OF BOREHOLES, PUMP & TANKS</u>				
1	<u>DRILLING BOREHOLE</u>				
1,1	Testing and equipping of existing borehole, including electrical conection and pressure pump	Sum	1		
1,2	Supply and Installation of 10 000l water tanker	no	1		
1,3	<u>Provisional sum for water reticulation</u>	Prov Sum	1	40 000,00	R40 000,00
TOTAL CARRIED FORWARD TO SUMMARY					

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SUMMARY OF BILL OF QUANTITIES

ITEM	DESCRIPTION	AMOUNTS
1	GENERAL REQUIREMENTS AND PROVISION	
3	BUILDING WORKS	
5	FENCING	
7	INSTALLATION OF BOREHOLES, PUMP & TANKS	
8	Allow a contingency amount of R 200 000.00 to be used as directed by client :	R 200 000,00
	TENDER (CONTRACT) SUM	
	SUBTOTAL	
	ADD 15% VAT	
	TENDER (CONTRACT) PRICE CARRIED TO FORM OF OFFER OF ACCEPTANCE	
	Note: Tender Sum is the value of the offered total of the prices exclusive of VAT, contingencies, CPA and special materials but including contractual variations.	