

ROADS AUTHORITY
 PROCUREMENT REFERENCE NO. W/ONB/RA-02/2026
 SCHEDULE C2: EQUIPMENT-BASED ROAD WORKS FOR D3624 - OMUNDAUNGILO TO OMBOLOKA
 (27km WESTERN ACCESS ROAD BETWEEN OMUNDAUNGILO AND OSHUULI)

C2-1

SECTION 1300/ LB1300

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
1300/ LB1300	<u>CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS</u>				
LB13.01	Contractor's general obligations				
	(a) Fixed obligations	L/Sum	1.00		
	(b) Value-related obligations	L/Sum	1.00		
	(c) Time-related obligations	month	24.00		
	Note : The sum tendered for the total for Subitems LB13.01(a), LB13.01(b) and LB13.01(c) shall not exceed twenty percent (20%) of the tender amount				
LB13.02	Environmental requirements	month	24.00		
LB13.03	Workmen's Compensation and Social Security				
	(a) Provisional sum for contributions in terms of the Workmen's Compensation Act and the Social Security Act	P/Sum			
	(b) Handling costs and profit percentage in respect of Subitem LB13.03(a)	%			
LB13.04	Training of supervisors	P/Sum	1.00	55000	55,000.00
LB13.05	Supervision of labourers and setting out of work	L/Sum			
LB13.06	Tools and equipment	L/Sum			
LB13.07	Construction sign boards	No	2		
LB13.08	Contractor's Quality Control	L/Sum	1.00	152600	152,600.00
Carried Forward					

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
Brought forward					
LB13.09	Survey and setting-out of the road				
	(a) Horizontal control, triangulation and traverses				
	(i) Traversing to establish geodetic control	km	27.00		
	(ii) Co-ordination of points of intersection (PI's)	km	27.00		
	(b) Reference pegs				
	(i) Placing reference pegs at 500m intervals	No	54.00		
	(ii) Placing additional reference pegs	No	20.00		
	(iii) Levelling of reference pegs	km	27.00		
	(c) Levelling of cross-section ground lines (20m intervals)	km	27.00		
LB13.10	Aids Awareness Training				
	(a) Provisional sum for Aids Awareness Training with an approved service provider	P/Sum	1	32700	32,700.00
	(b) Handling costs and profit percentage in respect of Subitem LB13.10(a)	%	32700		
LB13.11	Provisional Sum to be used for Compensation purposes				
	(a) Compensation Payments for borrow pits and road reserve	P/Sum	1	152600	152,600.00
	(b) Handling costs and profit percentage in respect of Subitem LB13.11(a)	%	152600		
LB13.12	Provision of tents and mobile toilets to accommodate task workers				
	(a) Provisional sum for tents and mobile toilets	P/Sum	1.00	272500	272,500.00
	(b) Handling costs and profit percentage in respect of Subitem PS13.12(a) and (b)	%	272500.00		
PS13.13	(a) Provision of Acceptance Control by External Laboratory	Prov.sum	1.00	109000	109,000.00
	(b) Handling costs and profit percentage in respect of Subitem LB13.13(a)	%	109000.00		
PS 13.14	(a) Provisional sum for groundbreaking and inauguration procedures	Prov.sum	1	327000	327,000.00
	(b) Handling costs and profit percentage in respect of Subitem LB13.14(a)	%	327000		
PS 13.15	(a) Provisional sum for Water Connection to Public Supplier's Network	Prov.sum	1.00	76300	76,300.00
	(b) Handling costs and profit percentage in respect of Subitem LB13.15(a)	%	76300.00		
PS 13.16	(a) Provisional sum for Provision and Maintenance of Personal Protective Equipment (PPE)	Prov. Sum	1.00	76300	76,300.00
	(b) Handling costs and profit percentage in respect of sub-item LB13.16(a)	%	76,300.00		
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SECTION LB1400

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
LB1400	<u>HOUSING, OFFICES AND LABORATORIES FOR THE ENGINEER'S SITE PERSONNEL</u>				
LB14.11	Housing, offices and laboratory accommodation for the Engineer's site personnel				
	(a) Provisional sum for housing, office and laboratory accommodation	P/Sum	1	350 000.00	350,000.00
	(b) Handling costs and profit percentage in respect of Subitem LB14.11(a) (State % and extend as an amount)	%	350,000		
LB14.12	Office and laboratory furniture				
	(a) Provisional sum for providing office and laboratory furniture	P/Sum	1	50 000.00	50,000.00
	(b) Handling costs and profit percentage in respect of Subitem LB14.12(a) (State % and extend as an amount)	%	50,000		
LB14.13	Telephone service				
	(a) Provisional sum for provision of telephone service, including the cost for calls and consumables	P/Sum	1	50 000.00	50,000.00
	(b) Handling costs and profit percentage in respect of Subitem LB14.13(a) (State % and extend as an amount)	%	50,000		
LB14.14	Office and laboratory fittings, installations and equipment				
	(a) Provisional sum for office and laboratory fittings, installations and equipment	P/Sum	1	50 000.00	50,000.00
	(C) Handling costs and profit percentage in respect of Subitem LB14.14(a) (State % and extend as an amount)	%	50,000		
Carried Forward					

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
Brought forward					
LB14.15	Services				
	(a) Provisional sum for providing services for housing, offices and laboratory	P/Sum	1	60 000.00	60,000.00
	(b) Handling costs and profit percentage in respect of Subitem LB14.15(a) (State % and extend as an amount)	%	60,000		
LB14.16	Photostat facilities				
	(a) Provisional sum for providing photostat facilities, including the cost of copies	P/Sum	1	35 000.00	35,000.00
	(b) Handling costs and profit percentage in respect of Subitem LB14.16(a) (State % and extend as an amount)	%	35,000		
LB14.17	Provision of semi-skilled labour for use by the Engineer				
	(a) Provisional sum for providing semi-skilled labour	P/Sum	1	250 000.00	250,000.00
	(b) Handling costs and profit percentage in respect of Subitem LB14.17(a) (State % and extend as an amount)	%	250,000		
PS14.18	Provision of motor vehicle for use by the Engineer				
	(a) Four-wheel drive LDV's				
	(i) TOYOTA Hilux 2.4 GD - 6 RAIDER Double-cab 4x4	No	1		
	(i) TOYOTA Hilux 2.4 GD - 6 RAIDER Single-cab 4x4	No	1		
	(b) Kilometres travelled				
	(i) TOYOTA Hilux 2.4 GD - 6 RAIDER Double-cab 4x4	km	90,000		
	(i) TOYOTA Hilux 2.4 GD - 6 RAIDER Single-cab 4x4	km	90,000		
PS14.19	Survey equipment for use by the Engineer	month	24		
PS 14.20	Provision of Boreholes for use of Construction Water				
	(a) Provisional Sum for constructing boreholes including fittings, installations and equipment	Prov.sum	1	2 000 000.00	2,000,000.00
	(b) Handling costs and profit percentage in respect of Subitem PS14.20(a)	%	2,000,000		
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SECTION LB1500

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
LB1500	ACCOMMODATION OF TRAFFIC				
PS15.01	Accommodating traffic and maintaining diversions	month	24		
LB15.02	Construction of diversions				
	(a) Clearing by manual labour	km	27		
	(b) Shaping by manual labour	km	27		
	(c) Compacting	km	27		
LB15.03	Temporary traffic-control facilities				
	(c) Road signs, R- and TR series, 1200 mm dia.	No.	10		
	(d) Road signs, W- and TW-series, 1500mm sides	No.	1		
	(f) Danger plates and delineators	No.	10		
	(g) Movable barricades (chevron and ROAD CLOSED types)	No.	9		
	(h) Drums	No.	8		
LB15.04	Re-use or removal of traffic-control facilities	L/sum	1		
LB15.05	Watering of deviations	kl	150		
LB15.06	Manual repair of diversions and existing roads used as diversions	m ²	--		Rate only
LB15.07	Blading of diversions and existing roads used as diversions	km-pass	3000		
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SECTION LB1700

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
LB1700	CLEARING AND GRUBBING				
LB17.01	Clearing using manual labour				
	(a) Clearing areas within the road reserve				
	(i) Grassland	m ²	33,000		
	(ii) Scattered bush	m ²	33,000		
	(iii) Medium dense bush	m ²	33,000		
	(iv) Dense bush	m ²	646,800		
	(b) Clearing areas within borrow pits outside the road reserve	m ²	32,340		
LB17.02	Grubbing using manual labour				
	(a) Grubbing areas within the road reserve				
	(i) Grassland	m ²	33,000		
	(ii) Sparse dense bush	m ²	33,000		
	(iii) Medium dense bush	m ²	33,000		
	(iv) Dense bush	m ²	646,800		
	(b) Grubbing areas within borrow pits outside the road reserve	m ²	32,340		
LB17.03	Removal and grubbing of large trees and tree stumps				
	(a) Girth exceeding 500mm up to and including 1000mm	No.	8900		
	(b) Girth exceeding 1000mm up to and incl. 1500mm	No.	1810		
	(c) Girth exceeding 1500mm up to and incl. 2000mm	No.	460		
	(d) Girth exceeding 2000mm up to and incl. 2500mm	No.	120		
LB17.04	Stump only removal				
	Payment for stump only removal will be at a rate of 70% of the tendered rate for removal of large trees under itme LB17.03	P/ SUM	1	65 000.00	65,000.00
LB17.05	Termite and ant control				
	(a) Excavation and backfilling	m ³	50		
	(b) Spot treatment of termite and ant nests	No	5		
TOTAL CARRIED TO SUMMARY					

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SECTION LB1800

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
LB1800	DAYWORKS				
LB18.01	Labour charges				
	(a) Labourer - skilled	h	40		
	(b) Labourer - semi skilled	h	40		
	(c) Labourer - unskilled	h	140		
	(d) Locating existing underground services by task workers	task	140		
LB18.02	Material charges				
	(a) Actual cost of material (excluding VAT)	P/Sum	1	65 400.00	65,400.00
	(b) Handling cost in respect of Subitem LB18.02(a) (State % and extend as an amount)	%	65,400		
LB18.03	Plant charges				
	(a) Backhoe CAT 428 or similar	h	30		
	(b) Excavator CAT 325 or similar	h	75		
	(c) Bulldozer CAT D7 or similar	h	15		
	(d) Grid-Roller	h	75		
	(d) Motor Grader	h	40		
	(e) Other plant not specified above	P/Sum	1	163 500.00	163,500.00
TOTAL CARRIED TO SUMMARY					

SECTION LB2100

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
LB2100	<u>DRAINS</u>				
LB21.01	Excavation for open drains				
	(a) Hand excavating soft material situated within the following depth ranges below the surface level :				
	(i) 0 m up to 1,5 m	m ³	450		
	(b) Hand excavating intermediate material situated within the following depth ranges below the surface level :				
	(i) 0 m up to 1,5 m	m ³	120		
TOTAL CARRIED TO SUMMARY					

SCHEDULE C2: LABOUR-BASED CONCRETE WORKS FOR ROAD D3624 OMUNDAUNGILO TO OMBOLOKA
 (27km WESTERN ACCESS ROAD BETWEEN OMUNDAUNGILO AND OSHUULI)

SECTION LB2200

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
LB2200	<u>CULVERTS</u>				
LB22.01	Excavation				
	(a) Hand excavating soft material situated within the following depth ranges below the surface level :				
	(i) 0 m up to 1,5 m	m ³	600.00		
	(ii) Exceeding 1,5 m and up to 3,0 m	m ³	--		Rate only
	(b) Hand excavating intermediate material situated within the following depth ranges below the surface level :				
	(i) 0 m up to 1,5 m	m ³	180.00		
LB22.02	Backfilling				
	(a) Using the excavated material	m ³	740.00		
	(b) Using imported selected material	m ³	120.00		
	(c) Soil cement backfill (5% cement)	m ³	110.00		
	(d) Concrete backfill (Class 15/19)	m ³	18.00		
LB22.03	Dewatering and keeping dry of culvert excavations	No.	11.00		
LB22.05	Cast in situ concrete and formwork				
	(a) In class A bedding, screeds and the encasing of pipes, including formwork (Class 15/19)	m ³	25.00		
	(b) In floor slabs for rectangular culverts, including formwork and class U2 surface finish (Class 20/19)	m ³	173.00		
	(c) In walls and deck slabs for rectangular culverts, excluding formwork but including class U2 surface finish (Class 30/19)	m ³	229.00		
Carried Forward					

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
Brought forward					
	(d) Formwork of concrete Subitem LB22.06(c)				
	(i) Vertical formwork (class F2 surface finish)	m ²	920.00		
	(ii) Horizontal formwork (class F2 surface finish)	m ²	272.50		
	(iii) Vertical: plastic sheeting of 150micron between concrete and earth embankment (fill)	m ²	293.00		
LB22.06	Steel reinforcement				
	(a) Mild steel bars	ton	--		
	(b) High tensile steel bars	ton	18.90		
	(c) Welded steel fabric	kg	2,685.00		
LB22.10	Prefabricated cover slabs for rectangular culverts (as shown on the drawings)	No	800.00		
LB22.11	Geofabric placed on cover slabs of rectangular culverts	m ²	200.00		
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SECTION 3100

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
LB3100	<u>BORROW MATERIALS</u>				
LB31.01	Excess overburden				
	(a) Removal of overburden (soft material) by manual labour and situated in the following depth ranges				
	(i) 0 m up to 1,0 m	m ³	7,370		
	(ii) 1,0 m up to 2,0 m	m ³	2,460		
	(b) Removal of overburden (intermediate material) by manual labour and situated in the following depth ranges				
	(i) 0 m up to 1,0 m	m ³	12,280		
	(ii) 1,0 m up to 2,0 m	m ³	4,910		
	(c) Removal of overburden using constructional plant and irrespective of depth	m ³	31,920		
	Finishing-off borrow areas and stockpiled overburden using manual labour				
	(a) Borrow areas	m ²	44,190		
	(b) Stockpiled overburden	m ²	14,730		
LB31.03	Replacing, spreading and finishing-off excess overburden in borrow areas				
	(a) Using manual labour	m ³	7,370		
	(b) Using constructional plant	m ³	19,640		
LB31.04	Construction of haul roads to borrow pits (4m wide)				
	(a) Clearing by manual labour	km	3.0		
	(b) Shaping by manual labour	km	8.0		
	(c) Compacting	km	8		
TOTAL CARRIED TO SUMMARY					

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SECTION 3300

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
LB3300	MASS EARTHWORKS				
LB33.01	Cut and borrow to fill, including manual free-haul up to 15m				
	(a) Hand excavating soft material and sand	m ³	2,420		
	(b) Hand excavating intermediate material	m ³	4,840		
	(c) Hand excavating hard material	m ³	2,420		
LB33.02	Cut and borrow to fill				
	(a) Hand excavating and loading by manual labour, but excluding equipment-based haul				
	(i) Soft excavation and sand	m ³	2,140		
	(ii) Intermediate excavation	m ³	4,280		
	(iii) Hard excavation	m ³	2140		
	(b) Excavating by constructional plant and loading by manual labour, but excluding equipment-based haul (all classes of material)				
	(i) Excavating by constructional plant	m ³	6,420		
	(ii) Loading by manual labour	m ³	2,140		
	(c) Excavating and loading by constructional plant, but excluding equipment-based haul (all classes of material)	m ³	21,400		
	(d) Spreading by manual labour (Extra over Subitems LB33.02(a), (b) and (c))	m ³	26,790		
LB33.03	Processing and compacting of fill material				
	(a) Compacted to 90% of modified AASHTO density in compacted layer thicknesses of 200mm or less	m ³	810		
	(b) Compacted to 93% of modified AASHTO density in compacted layer thicknesses of 200mm or less	m ³	27,820		
	(c) Pioneer layer (as specified in subclause PS 3306(d))	m ³	38,520		
Carried Forward					

SCHEDULE C2: EQUIPMENT-BASED ROAD WORKS FOR D3624 - OMUNDAUNGILO TO OMBOLOKA
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PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
Brought Forward					
LB33.04	Processing and compacting of sand fills (as described in Clause LB3302)				
	(a) Non-plastic sand with up to 20% passing through the 0,75mm sieve, compacted to 100% of modified AASHTO density	m ³	3,230		
	(b) Non-plastic sand with more than 20% passing through the 0,75mm sieve, compacted to 95% of modified AASHTO density	m ³	4,840		
LB33.05	Extra over items LB33.03 and LB33.04 for shaping and finishing off the top of fill layer to the specified tolerances	m ²	151,310		
LB33.06	Cut to spoil, including manual free-haul up to 15m. Material obtained from :-				
	(a) Hand excavating soft material and sand	m ³	1,610		
	(b) Hand excavating intermediate material	m ³	810		
LB33.07	Removal of unsuitable, unstable material by manual labour	m ³	1,110		
LB33.08	Roadbed preparation and compaction				
	(a) Roadbed preparation using manual labour	m ²	75,660		
	(b) Processing and compacting of roadbed material				
	(i) Compaction to 90% of modified AASHTO density	m ³	10,090		
	(ii) Compacted to 93% of modified AASHTO density	m ³	20,180		
Carried Forward					

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
Brought Forward					
LB33.09	Three roller passes compaction				
(a)	Heavy pneumatic tyred roller	m ²	5,000		
(b)	Vibratory roller	m ²	10,000		
(c)	Grid roller	m ²	7,500		
LB33.10	A variation in the number of roller passes (applicable to Item LB33.09)				
(a)	Heavy pneumatic tyred roller	m ² -pass	--		Rate only
(b)	Vibratory roller	m ² -pass	--		Rate only
(c)	Grid roller	m ² -pass	--		Rate only
LB33.11	Finishing-off cut and fill slopes				
(a)	Cut slopes	m ²	21,000		
(b)	Fill slopes	m ²	162,000		
LB33/ LB16.02	Equipment-based overhaul on material hauled in excess of a free-haul distance of 1,0 km	m ³ -km	204,510		
LB33/ LB16.03	Restricted overhaul: Equipment-based overhaul of material hauled for up to or through a distance of 1,0km	m ³	48,190		
TOTAL CARRIED TO SUMMARY					

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SECTION LB 3400

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
LB 3400	<u>PAVEMENT LAYERS OF GRAVEL MATERIAL</u>				
LB34.01	Gravel material obtained from borrow pits, including equipment-based free-haul up to 1.0 km				
(a)	Excavating by constructional plant and loading by manual labour (all classes of material)				
(i)	Excavating by constructional plant	m ³	9,630		
(ii)	Loading by manual labour	m ³			
(b)	Excavating and loading by constructional plant (all classes of material)	m ³	38,520		
(c)	Extra over Subitem LB34.01 (b) for ripping hard material	m ³	14,450		
(d)(ii)	Spreading by manual labour (Extra over Subitem LB34.01(b))	m ³			
LB34.02	Processing and compacting of gravel pavement layers				
(a)	Selected subgrade compacted to 93% of modified AASHTO density	m ³			
(b)	Gravel wearing course compacted to: (ii) 95% of modified AASHTO density	m ³	38,520		
LB34.03	Mixing of materials from different sources (extra over Subitem LB34.02)				
(a)	By adding a soil binder	m ³	3,000		
(b)	By mixing materials from different sources	m ³	7,710		
LB34/ LB16.02	Equipment-based overhaul of material hauled in excess of a free-haul distance of 1,0 km	m ³ -km	159,660		
LB34/ LB16.03	Restricted overhaul: Equipment-based overhaul of material hauled for up to or through a distance of 1,0km	m ³	38,520		
LB34.04	Mixing of materials from different sources (extra over subitem LB34.02)	m ³	-		Rate only
TOTAL CARRIED TO SUMMARY					

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SCHEDULE C2: LABOUR-BASED CONCRETE WORKS FOR ROAD D3624 OMUNDAUNGILO TO OMBOLOKA

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SECTION LB5300

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
LB5300	GUIDE BLOCKS, ROAD RESERVE MARKER BLOCKS AND KILOMETRE POSTS				
PS53/ LB56.01	Hazard Marker Sign Board with painted or coloured background (c) Sheet Steel (Chromadek) (i) Area not exceeding 2m2	No.	51.00		
LB53.02	Road reserve marker block as per drawing (20 MPa Concrete)	No.	47.00		
LB53.03	Kilometre posts	No.	4.00		
PS53.04	Duct marker blocks as per drawing (20 Mpa Concrete)	No.	16.00		
LB53/ LB56.05	Extra over Item LB 53.02, LB53.03, PS53.04 for cement-treated soil backfill (5% cement)	m ³	10.00		
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SECTION LB5500

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
LB5500	FENCING				
LB55.01	Clearing the fence line, 2 m wide strip	km	10		
LB55.02	Supply and erect new fencing material for new fences and for supplementing material for existing fences which are being repaired or removed				
	(a) Barbed wire, galvanised 3,15 x 2,5mm	km	30		
	(b) Smooth wire, galvanised 2,24mm	km	50		
	(c) Diamond mesh	m ²	12500		
	(d) Wire netting	m ²	12500		
	(f) Straining posts, 2500mm long, 150mm dia	No.	50		
	(g) Standards, 2100mm long, 150mm diameter	No.	220		
	(h) Droppers, 1200mm long, wooden	No.	1,270		
	(j) Timber posts				
	(i) 1200mm long, 100mm diameter	No.	50		
	(ii) 1800mm long, 100mm diameter	No.	100		
	(iii) 2100mm long, 150mm diameter	No.	70		
LB55.03	New gates				
	(a) Single leaf, standard 4,25m W-type	No.	30		
LB55.05	Dismantling existing fences	km	10		
LB55/ 56.05	Extra over Item LB55.02(j) for cement-treated soil backfill (5% cement)	m ³	90.00		
TOTAL CARRIED TO SUMMARY					

ROADS AUTHORITY
 PROCUREMENT REFERENCE NO. W/ONB/RA-02/2026
 SCHEDULE C2: EQUIPMENT-BASED ROAD WORKS FOR D3624 - OMUNDAUNGILO TO OMBOLOKA
 (27km WESTERN ACCESS ROAD BETWEEN OMUNDAUNGILO AND OSHUULI)

C2-18

SECTION LB5600

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
LB5600	ROAD SIGNS				
LB56.01	Road sign boards with painted or coloured background. Symbols, letters and borders in engineering-grade retro-reflective material, where the sign board is constructed from -				
	(c) Sheet steel (chromadek)				
	(i) Area not exceeding 2 m ²	m ²	84.0		
	(ii) Area exceeding 2 m ² but not 10 m ²	m ²	60.0		
LB56.02	Extra over Item LB56.01 for using :-				
	(a) Background of retro-reflective material of :-				
	(i) Engineering grade	m ²	144.0		
	(b) Lettering, symbols and borders of retro-reflective material of -				
	(i) High intensity	m ²	43.2		
LB56.03	Road sign supports				
	(a) Steel tubing	t	4.00		
LB56.04	Excavation and backfilling for road signs supports	m ³	40.0		
LB56.05	Extra over Item LB56.04 for cement-treated soil backfill (5% cement)	m ³	117.0		
TOTAL CARRIED TO SUMMARY					

ROADS AUTHORITY
 PROCUREMENT REFERENCE NO. W/ONB/RA-02/2026
 SCHEDULE C2: EQUIPMENT-BASED ROAD WORKS FOR D3624 - OMUNDAUNGILO TO OMBOLOKA
 (27km WESTERN ACCESS ROAD BETWEEN OMUNDAUNGILO AND OSHUULI)

C2-19

SECTION LB5900

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
LB5900	<u>FINISHING THE ROAD AND ROAD RESERVE</u>				
LB59.01	Finishing the road and road reserve using manual labour only	km	27.00		
LB59.02	Treatment of old roads and temporary diversions using manual labour only	km	27.00		
TOTAL CARRIED TO SUMMARY					

ROADS AUTHORITY
 PROCUREMENT REFERENCE NO. W/ONB/RA-02/2026
 SCHEDULE C2: EQUIPMENT-BASED ROAD WORKS FOR D3624 - OMUNDAUNGILO TO OMBOLOKA
 (27km WESTERN ACCESS ROAD BETWEEN OMUNDAUNGILO AND OSHUULI)

C2-20

SECTION LB8500

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
LB8500	<u>LABORATORY INSPECTIONS</u>				
LB85.01	Laboratory inspections				
	Inspection of site laboratory	P/Sum	1	50,000.00	50,000.00
LB85.02	Handling costs and profit percentage in respect of Subitem LB85.01 (State % and extend as an amount)	%	50,000		
TOTAL CARRIED TO SUMMARY					

ROADS AUTHORITY
 PROCUREMENT REFERENCE NO. W/ONB/RA-02/2026
 SCHEDULE C2: EQUIPMENT-BASED ROAD WORKS FOR D3624 - OMUNDAUNGILO TO OMBOLOKA
 (27km WESTERN ACCESS ROAD BETWEEN OMUNDAUNGILO AND OSHUULI)

C2-21

SECTION LB9100

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
LB9100	TRAINING OF ROAD BUILDERS AND ARTISANS				
LB91.01	Training of Road Builders and Artisans				
	(a) Provision sum for payments to accredited trainer and external moderator (actual costs excluding VAT)	P/Sum	1	80 000.00	80,000.00
	(b) Handling costs and profit percentage in respect of Subitem LB91.01(a) (State % and extend as an amount)	%	80,000		
LB91.02	SME Contractor support	month			
LB91.03	External SME support in project management				
	(a) Provisional sum for payments to accredited trainer and external moderator to provide additional project management training for SME contractor	P/Sum	1	350 000.00	350,000.00
	(b) Handling costs and profit percentage in respect of Subitem LB91.03(a) (State % and extend as an amount)	%	350,000		
TOTAL CARRIED TO SUMMARY					

PAY Item	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT (N\$)
PS10300	ACCOMMODATION OF SERVICES				
PS103.1	Supply, lay and bed service pipe (complete with couplings):				
	(a) 20 mm HDPE pipe Class 9	m	200		
	(b) 25 mm HDPE pipe Class 9	m	200		
	(c) 110 mm PVC sleeves	m	200		
	(d) 200 mm uPVC pipe Class 9	m	400		
PS103/ LB22.01	Excavation				
	(a) Hand excavating soft material situated within the following depth ranges below the surface level				
	(i) 0m up to 1.5m	m ³	40		
	(b) Hand excavating intermediate material situated within the following depth ranges below the surface level				
	(i) 0m up to 1.5m	m ³	160		
PS103/ LB22.02	Backfilling				
	(a) Using the excavated material	m ³	160		
	(b) Using imported selected material	m ³	40		
PS103.2	Placing of Duct Marker Blocks	No.	40		
PS103.3	Relocating of services by Service Provider	P/Sum	1	350 000.00	350,000.00
	Handling costs and profit percentage in respect of Subitem PS103.3	%	350,000		
TOTAL CARRIED TO SUMMARY					

ROADS AUTHORITY
PROCUREMENT REFERENCE NO. W/ONB/RA-02/2026
THE LABOUR-BASED CONSTRUCTION OF GRAVEL DISTRICT ROAD D3624:
OMUNDAUNGILO TO OMBOLOKA (27 KM WESTERN ACCESS ROAD BETWEEN
OMUNDAUNGILO AND OSHUULI) IN THE OHANGWENA REGION

SUMMARY OF SCHEDULE C2: EQUIPMENT-BASED ROAD WORKS

SECTION	DESCRIPTION	TOTAL
LB1300	CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS	N\$
LB 1400	HOUSING, OFFICES AND LABORATORIES FOR ENGINEER'S SITE STAFF	N\$
LB1500	ACCOMMODATION OF TRAFFIC	N\$
LB1700	CLEARING AND GRUBBING	N\$
LB1800	DAYWORKS	N\$
LB2100	DRAINS	N\$
LB2200	CULVERTS	N\$
LB3100	BORROW MATERIALS	N\$
LB3300	MASS EARTHWORKS	N\$
LB3400	PAVEMENTG LAYERS OF GRAVEL MATERIAL	N\$
LB5300	GUIDE BLOCKS, ROAD RESERVE MARKER BLOCKS	N\$
LB5500	FENCING	N\$
LB5600	ROAD SIGNS	N\$
LB5900	FINISHING THE ROAD AND ROAD RESERVE	N\$
LB8500	LABORATORY INSPECTIONS	N\$
LB9100	TRAINING OF ROAD BUILDERS AND ARTISANS	N\$
PS 10300	ACCOMMODATION OF SERVICES	N\$
TOTAL OF SCHEDULE OF QUANTITIES: PLANT-BASED WORK		N\$

SIGNED BY PLANT CONTRACTOR

DATE