



# **ALFRED NZO**

**DISTRICT MUNICIPALITY**

## **Addendum**

**Provision of Professional Services for The Implementation and Management of The Rural Road Asset Management System in The ANDM for a Period of 3 Years**

**ANDM/IDMS – PLANNING/80/08/05/24**

**This addendum comprises of 20 pages and is to be signed by the Bidder and returned with the completed Bid Document. The information contained herein will be deemed to have been taken into account by the Bidders when completing his/her Bid Document.**

**Failure to sign and return this addendum with the Bid Document will result incomplete Bid**

**Amendments/ corrections to the Pricing Schedule and Submission of Bid**

**Bidders are to incorporate the following amendments into their Pricing Schedule and Submission of Bid. Where applicable, replacement, pages must be inserted, otherwise all amendments must be hand written in black ink in the appropriate sections.**

**Kindly note the corrections Replace Page 52 of Bid Document**

**Pricing Schedule**

**C2.2 a) PRICING SCHEDULE – YEAR 1**

Year 1					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
<b>1000</b>	<b>RAMS SYSTEM IMPLEMENTATION</b>				
10.01	RAMS System Installation	Sum	1		
<b>2000</b>	<b>NETWORK INVENTORY</b>				
20.02	Update Road Network Information (RNI)	Person Hr.	80		
20.04	Update Bridge Inventory (BMS)	Person Hr.	40		
20.07	Update/review Traffic Count Stations	Person.Hr			
<b>3000</b>	<b>FIELD DATA ACQUISITION</b>				
<b>30.01</b>	<b>Establishment and De-establishment</b>				
30.01 b)	Falling Weight Deflectometer (FWD)	Sum			
30.01 c)	Digital Laser Profiler - Class 1 (Min. 15 lasers)	Sum			
30.01 e)	Response Type Road Roughness Meter - Class 3	Sum			
30.01 i)	Visual Assessment Personnel – Paved Roads	Sum	1		
30.01 k)	Continuous Digital Imaging	Sum			
30.01 l)	Visual Assessment Personnel – Unpaved Roads	Sum	1		
30.01 m)	Visual Inspection Personnel - Bridges	Sum	1		
30.01 n)	Visual Inspection Personnel - Major Culverts	Sum	1		
30.01 o)	Traffic Enumerators	Sum			

30.01 p)	Road Safety Assessment Personnel	Sum			
30.01 q)	Ancillary Asset Personnel	Sum			
<b>30.02</b>	<b>Traffic Control</b>				
30.02 a)	Falling Weight Deflectometer (FWD)	Sum			
30.02 b)	Digital Laser Profiler - Class 1 (Min. 15 lasers)	Sum			
30.02 d)	Bridge Inspections	Sum	1		
30.02 e)	Traffic Counting Personnel	Sum			
30.02 f)	Road Safety Assessments	Sum			
30.02 g)	Response Type Road Roughness Meter - Class 3	Sum			
30.02 h)	Continuous Digital Imaging	Sum			
30.02 i)	Major Culvert Inspections	Sum	1		
30.02 j)	Paved Roads Visual Assessments	Sum	1		
30.02 k)	Unpaved Roads Visual Assessments	Sum	1		
30.02 l)	Ancillary Asset Inventory and Assessments	Sum			
<b>30.03</b>	<b>Data Collection – Road Network</b>				
30.03 d)	Falling Weight Deflectometer (FWD) Measurements	Point			
30.03 e)	Continuous Digital Imaging (Basic/ Qualitative)	C'way.km			
<b>Pricing Schedule for Year 1 Cont.</b>					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
30.03 g)	Profile Measurements (International Roughness	Lane.km			

	Index (Class 1), Wheelpath Rutting and Macro Texture)			
30.03 n)	Response Type Road Roughness Measurements (Class 3)	Lane.km		
30.03 p)	Road Safety Assessments	C'way.km		
30.03.s)	Paved Roads Visual Condition Assessments	C'way. km	150	
30.03 t)	Unpaved Roads Visual Condition Assessments	C'way. km	3 650	
30.03 u)	Ancillary Asset Inventory and Inspections	C'way. km		
<b>30.04</b>	<b>Data Collection – Structures</b>			
30.04 a)	Bridge Structures	Number	35	
30.04 b)	Major Culvert Structures	Number	65	
<b>30.05</b>	<b>Data Collection – Traffic</b>			
30.05 b)	Traffic Counts: Manual - 4 Way Intersection (12hrs)	Number		
30.05 d)	Traffic Counts: Manual - 3 Way Intersection (12hrs)	Number		
<b>4000</b>	<b>DATA ANALYSIS / VERIFICATION</b>			
<b>40.01</b>	<b>Road Network</b>			
40.01 a)	Paved Visual Condition	C'way.km	150	
40.01 e)	Falling Weight Deflectometer (FWD)	Point		
40.01 f)	Continuous Digital Imaging (Basic/ Qualitative)	C'way.km		
40.01 h)	IRI (International Roughness Index) – Class 1	Lane.km		

40.01 j)	Wheelpath Rutting	Lane.km			
40.01 l)	Macro Texture	Lane.km			
40.01 o)	Response Type Road Roughness Meter - Class 3	Lane.km			
40.01 q)	Road Safety Assessments	C'way.km			
40.01 s)	Panel Inspection: Paved Roads	Person Hr	16		
40.01 v)	Unpaved Visual Condition	C'way.km	3 650		
40.01 w)	Ancillary Assets Inventory and Inspections	C'way.km			
40.01 x)	Panel Inspection: Unpaved Roads	Person Hr	24		
40.01 y)	Update RISFSA/RCAM Classification	C'way.km	3 800		
<b>40.02</b>	<b>Structures</b>				
40.02 a)	Bridge Structures	Number	30		
40.02 b)	Major Culvert Structures	Number	55		
40.02 c)	Panel Inspection: Bridges	Person.hr	20		
40.02 d)	Panel Inspection: Major Culverts	Person.hr	20		
<b>Pricing Schedule for Year 1 Cont.</b>					
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>RATE</b>	<b>AMOUNT</b>
<b>40.03</b>	<b>Traffic</b>	Sum			
<b>5000</b>	<b>REPORTING</b>				
<b>50.01</b>	<b>Road Network</b>				
50.01 a)	Paved Road Network	Sum	1		
50.01 b)	Unpaved Road Network	Sum	1		
50.01 e)	Safety Assessment	Sum			

50.02	Structures (Bridges and Major Culverts)	Sum	1		
50.03	Traffic	Sum			
50.04	Integrated Transport Plan (ITP) - Review and update	Sum	1		
50.05	Asset Register	Sum	1		
50.06	Road Asset Management Plan (RAMP)	Sum	1		
50.07	Road Maintenance Plans for Local Municipalities	Report	4		
50.08	Ancillary Assets Inventory and Inspections	Sum			
50.09	TMH18 Data Files	Sum	1		
50.10	Monthly Reports	Sum	1		
50.11	Quarterly Reports	Sum	1		
<b>6000</b>	<b>ADDITIONAL SERVICES</b>				
60.01	Attend Meetings	Person Hr.	150		
60.02 a)	Ad-hoc Support : Category A Staff	Hour	80		
60.02 b)	Ad-hoc Support : Category B Staff	Hour	160		
60.02 c)	Ad-hoc Support : Category C Staff	Hour	240		
60.02 d)	Ad-hoc Support : Category D Staff	Hour	320		
60.03	Strategic Support	Prov. Sum	1	R100 000.00	R 100 000.00
60.04	Training /Skills Transfer	Prov. Sum	1	R 50 000.00	R 50 000.00
60.05	Graduates x 2	Prov. Sum	1		
<b>7000</b>	<b>DISBURSEMENTS</b>				
70.01	Travel	Km	50 000		
70.02	Accommodation	Person/Night	150		
Total Carried Froward to Summary Page Item C2.2a)					

**C2.2 b) PRICING SCHEDULE – YEAR 2**

Year 2					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
<b>1000</b>	<b>RAMS SYSTEM IMPLEMENTATION</b>				
10.01	RAMS System Installation	Sum	1		
<b>2000</b>	<b>NETWORK INVENTORY</b>				
20.02	Update Road Network Information (RNI)	Person Hr.	40		
20.04	Update Bridge Inventory (BMS)	Person Hr.			
20.07	Update/review Traffic Count Stations	Person.Hr			
<b>3000</b>	<b>FIELD DATA ACQUISITION</b>				
<b>30.01</b>	<b>Establishment and De-establishment</b>				
30.01 b)	Falling Weight Deflectometer (FWD)	Sum			
30.01 c)	Digital Laser Profiler - Class 1 (Min. 15 lasers)	Sum			
30.01 e)	Response Type Road Roughness Meter - Class 3	Sum			
30.01 i)	Visual Assessment Personnel – Paved Roads	Sum			
30.01 k)	Continuous Digital Imaging	Sum	-		Rate Only
30.01 l)	Visual Assessment Personnel – Unpaved Roads	Sum			
30.01 m)	Visual Inspection Personnel - Bridges	Sum			
30.01 n)	Visual Inspection Personnel - Major Culverts	Sum			

30.01 o)	Traffic Enumerators	Sum			
30.01 p)	Road Safety Assessment Personnel	Sum	1		
30.01 q)	Ancillary Asset Personnel	Sum	1		
<b>30.02</b>	<b>Safety and Traffic Control</b>				
30.02 a)	Falling Weight Deflectometer (FWD)	Sum			
30.02 b)	Digital Laser Profiler - Class 1 (Min. 15 lasers)	Sum			
30.02 d)	Bridge Inspections	Sum			
30.02 e)	Traffic Counting Personnel	Sum			
30.02 f)	Road Safety Assessments	Sum	1		
30.02 g)	Response Type Road Roughness Meter - Class 3	Sum			
30.02 h)	Continuous Digital Imaging	Sum	-		Rate Only
30.02 i)	Major Culvert Inspections	Sum			
30.02 j)	Paved Roads Visual Assessments	Sum			
30.02 k)	Unpaved Roads Visual Assessments	Sum			
30.02 l)	Ancillary Asset Inventory and Assessments	Sum	1		
<b>30.03</b>	<b>Data Collection – Road Network</b>				
30.03 d)	Falling Weight Deflectometer (FWD) Measurements	Point			
30.03 e)	Continuous Digital Imaging (Basic/ Qualitative)	C'way.km	-		Rate Only

**Pricing Schedule for Year 2 Cont.**

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT



30.03 g)	Profile Measurements (International Roughness Index (Class 1), Wheelpath Rutting and Macro Texture)	Lane.km		
30.03 n)	Response Type Road Roughness Measurements (Class 3)	Lane.km		
30.03 p)	Road Safety Assessments	C'way.km	50	
30.03.s)	Paved Roads Visual Condition Assessments	C'way. km		
30.03 t)	Unpaved Roads Visual Condition Assessments	C'way. km		
30.03 u)	Ancillary Asset Inventory and Inspections	C'way. km	3 800	
<b>30.04</b>	<b>Data Collection – Structures</b>			
30.04 a)	Bridge Structures	Number		
30.04 b)	Major Culvert Structures	Number		
<b>30.05</b>	<b>Data Collection – Traffic</b>			
30.05 b)	Traffic Counts: Manual - 4 Way Intersection (12hrs)	Number		
30.05 d)	Traffic Counts: Manual - 3 Way Intersection (12hrs)	Number		
<b>4000</b>	<b>DATA ANALYSIS / VERIFICATION</b>			
<b>40.01</b>	<b>Road Network</b>			
40.01 a)	Paved Visual Condition	C'way.km		
40.01 e)	Falling Weight Deflectometer (FWD)	Point		
40.01 f)	Continuous Digital Imaging (Basic/ Qualitative)	C'way.km	-	Rate Only
40.01 h)	IRI (International Roughness Index) – Class 1	Lane.km		
40.01 j)	Wheelpath Rutting	Lane.km		

40.01 l)	Macro Texture	Lane.km			
40.01 o)	Response Type Road Roughness Meter - Class 3	Lane.km			
40.01 q)	Road Safety Assessments	C'way.km	50		
40.01 s)	Panel Inspection: Paved Roads	Person Hr			
40.01 v)	Unpaved Visual Condition	C'way.km			
40.01 w)	Ancillary Assets Inventory and Inspections	C'way.km	3 800		
40.01 x)	Panel Inspection: Unpaved Roads	Person Hr			
40.01 y)	Update RISFSA/RCAM Classification	C'way.km			
<b>40.02</b>	<b>Structures</b>				
40.02 a)	Bridge Structures	Number			
40.02 b)	Major Culvert Structures	Number			
40.02 c)	Panel Inspection: Bridges	Person.hr			
40.02 d)	Panel Inspection: Major Culverts	Person.hr	-		

**Pricing Schedule for Year 2 Cont.**

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
<b>40.03</b>	<b>Traffic</b>	Sum			
<b>5000</b>	<b>REPORTING</b>				
<b>50.01</b>	<b>Road Network</b>				
50.01 a)	Paved Road Network	Sum			
50.01 b)	Unpaved Road Network	Sum			
50.01 e)	Safety Assessment	Sum	1		

50.02	Structures (Bridges and Major Culverts)	Sum			
50.03	Traffic	Sum			
50.04	Integrated Transport Plan (ITP) - Review and update	Sum	1		
50.05	Asset Register	Sum	1		
50.06	Road Asset Management Plan (RAMP)	Sum	1		
50.07	Road Maintenance Plans for Local Municipalities	Report			
		Report			
50.08	Ancillary Assets Inventory and Inspections	Sum	1		
50.09	TMH18 Data Files	Sum	1		
50.10	Monthly Reports	Sum	1		
50.11	Quarterly Reports	Sum	1		
<b>6000</b>	<b>ADDITIONAL SERVICES</b>				
60.01	Attend Meetings	Person Hr.	150		
60.02 a)	Ad-hoc Support : Category A Staff	Hour	80		
60.02 b)	Ad-hoc Support : Category B Staff	Hour	160		
60.02 c)	Ad-hoc Support : Category C Staff	Hour	240		
60.02 d)	Ad-hoc Support : Category D Staff	Hour	320		
60.03	Strategic Support	Prov. Sum	1	R100 000.00	R100 000.00
60.04	Training /Skills Transfer	Prov. Sum	1	R50 000.00	R50 000.00
60.05	Graduates x 2	Prov. Sum	1		
<b>7000</b>	<b>DISBURSEMENTS</b>				
70.01	Travel	Km	50 000		
70.02	Accommodation	Person/Night	150		

Total Carried Froward to Summary Page Item C2.2b)					

**C2.2 c) PRICING SCHEDULE – YEAR 3**

					Year 3	
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT	
<b>1000</b>	<b>RAMS SYSTEM IMPLEMENTATION</b>					
10.01	RAMS System Installation	Sum	1			
<b>2000</b>	<b>NETWORK INVENTORY</b>					
20.02	Update Road Network Information (RNI)	Person Hr.	40			
20.04	Update Bridge Inventory (BMS)	Person Hr.				
20.07	Update/review Traffic Count Stations	Person.Hr	40			
<b>3000</b>	<b>FIELD DATA ACQUISITION</b>					
<b>30.01</b>	<b>Establishment and De-establishment</b>					
30.01 b)	Falling Weight Deflectometer (FWD)	Sum	1			
30.01 c)	Digital Laser Profiler - Class 1 (Min. 15 lasers)	Sum	1			
30.01 e)	Response Type Road Roughness Meter - Class 3	Sum	-		Rate Only	
30.01 i)	Visual Assessment Personnel – Paved Roads	Sum	1			
30.01 k)	Continuous Digital Imaging	Sum				
30.01 l)	Visual Assessment Personnel – Unpaved Roads	Sum	1			
30.01 m)	Visual Inspection Personnel - Bridges	Sum				
30.01 n)	Visual Inspection Personnel - Major Culverts	Sum				
30.01 o)	Traffic Enumerators	Sum	1			
30.01 p)	Road Safety Assessment Personnel	Sum				
30.01 q)	Ancillary Asset Personnel	Sum				

<b>30.02</b>	<b>Safety and Traffic Control</b>				
30.02 a)	Falling Weight Deflectometer (FWD)	Sum	1		
30.02 b)	Digital Laser Profiler - Class 1 (Min. 15 lasers)	Sum	1		
30.02 d)	Bridge Inspections	Sum			
30.02 e)	Traffic Counting Personnel	Sum	1		
30.02 f)	Road Safety Assessments	Sum			
30.02 g)	Response Type Road Roughness Meter - Class 3	Sum	-		Rate Only
30.02 h)	Continuous Digital Imaging	Sum			
30.02 i)	Major Culvert Inspections	Sum			
30.02 j)	Paved Roads Visual Assessments	Sum	1		
30.02 k)	Unpaved Roads Visual Assessments	Sum	1		
30.02 l)	Ancillary Asset Inventory and Assessments	Sum			
<b>30.03</b>	<b>Data Collection – Road Network</b>				
30.03 d)	Falling Weight Deflectometer (FWD) Measurements	Point	300		
30.03 e)	Continuous Digital Imaging (Basic/Qualitative)	C'way.km			

**Pricing Schedule for Year 3 Cont.**

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
30.03 g)	Profile Measurements (International Roughness Index (Class 1), Wheelpath Rutting and Macro Texture)	Lane.km	30		
30.03 n)	Response Type Road Roughness Measurements (Class 3)	Lane.km	-		Rate Only
30.03 p)	Road Safety Assessments	C'way.km			
30.03.s)	Paved Roads Visual Condition Assessments	C'way. km	150		

30.03 t)	Unpaved Roads Visual Condition Assessments	C'way. km	3 650	
30.03 u)	Ancillary Asset Inventory and Inspections	C'way. km		
<b>30.04</b>	<b>Data Collection – Structures</b>			
30.04 a)	Bridge Structures	Number		
30.04 b)	Major Culvert Structures	Number		
<b>30.05</b>	<b>Data Collection – Traffic</b>			
30.05 b)	Traffic Counts: Manual - 4 Way Intersection (12hrs)	Number	40	
30.05 d)	Traffic Counts: Manual - 3 Way Intersection (12hrs)	Number	125	
<b>4000</b>	<b>DATA ANALYSIS / VERIFICATION</b>			
<b>40.01</b>	<b>Road Network</b>			
40.01 a)	Paved Visual Condition	C'way.km	150	
40.01 e)	Falling Weight Deflectometer (FWD)	Point	300	
40.01 f)	Continuous Digital Imaging (Basic/Qualitative)	C'way.km		
40.01 h)	IRI (International Roughness Index) – Class 1	Lane.km	30	
40.01 j)	Wheelpath Rutting	Lane.km	30	
40.01 l)	Macro Texture	Lane.km	30	
40.01 o)	Response Type Road Roughness Meter - Class 3	Lane.km	-	Rate Only
40.01 q)	Road Safety Assessments	C'way.km		
40.01 s)	Panel Inspection: Paved Roads	Person Hr	16	
40.01 v)	Unpaved Visual Condition	C'way.km	3 650	
40.01 w)	Ancillary Assets Inventory and Inspections	C'way.km		
40.01 x)	Panel Inspection: Unpaved Roads	Person Hr	24	

40.01 y)	Update RISFSA/RCAM Classification	C'way.km	3 800		
<b>40.02</b>	<b>Structures</b>				
40.02 a)	Bridge Structures	Number			
40.02 b)	Major Culvert Structures	Number			
40.02 c)	Panel Inspection: Bridges	Person.hr			
40.02 d)	Panel Inspection: Major Culverts	Person.hr			
<b>Pricing Schedule for Year 3 Cont.</b>					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
<b>40.03</b>	<b>Traffic</b>	Sum	1		
<b>5000</b>	<b>REPORTING</b>				
<b>50.01</b>	<b>Road Network</b>				
50.01 a)	Paved Road Network	Sum	1		
50.01 b)	Unpaved Road Network	Sum	1		
50.01 e)	Safety Assessment	Sum			
50.02	Structures (Bridges and Major Culverts)	Sum			
50.03	Traffic	Sum	1		
50.04	Integrated Transport Plan (ITP) - Review and update	Sum			
50.05	Asset Register	Sum	1		
50.06	Road Asset Management Plan (RAMP)	Sum	1		
50.07	Road Maintenance Plans for Local Municipalities	Report	4		
50.08	Ancillary Assets Inventory and Inspections	Sum			
50.09	TMH18 Data Files	Sum	1		
50.10	Monthly Reports	Sum	1		
50.11	Quarterly Reports	Sum	1		




<b>6000</b>	<b>ADDITIONAL SERVICES</b>				
60.01	Attend Meetings	Person Hr.	150		
60.02 a)	Ad-hoc Support : Category A Staff	Hour	80		
60.02 b)	Ad-hoc Support : Category B Staff	Hour	160		
60.02 c)	Ad-hoc Support : Category C Staff	Hour	240		
60.02 d)	Ad-hoc Support : Category D Staff	Hour	320		
60.03	Strategic Support	Prov. Sum	1	R100 000.00	R100 000.00
60.04	Training /Skills Transfer	Prov. Sum	1	R50 000.00	R50 000.00
60.05	Graduates x 2	Prov. Sum	1		
<b>7000</b>	<b>DISBURSEMENTS</b>				
70.01	Travel	Km	50 000		
70.02	Accommodation	Person/Night	50		
Total Carried Froward.to Summary Page Item C2.2c)					

DESCRIPTION	AMOUNT
<p>Totals of Pricing Schedule of Rates:</p> <p>Schedule C2.2 a): Year 1</p> <p>Schedule C2,2 b): Year 2</p> <p>Schedule C2.2 c): Year 3</p>	<p>R</p> <p>R</p> <p>R</p>
<b>SUBTOTAL 1</b>	R
Add: 10% Contingencies	R
<b>SUBTOTAL 2</b>	R
Add: VAT (15% of SUBTOTAL 2)	R
<b>TOTAL CARRIED FORWARD TO FORM OF OFFER (C1.1)</b>	R

Yours faithfully

ANDM Representative

  
\_\_\_\_\_  
Mr BCW Makiwane  
Manager : SCM

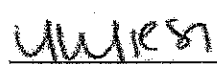
**B. CONFIRMATION RECEIPT**

Bidders are required to acknowledge receipt of this Notice to Bid and return it with the completed Bid Document as it will form part of the Contract Documents.

We have received all the pages of this Notice to Bid Document and have acquainted ourselves with the issues contained therein.

We also confirm that we are aware of the Bid Document closing date that is on 13 June @ 11:00AM

Recommended by

  
\_\_\_\_\_

Ms N Msebi

Director : IDMS

Supported by

  
\_\_\_\_\_

Mr A Mpepanduku

BSC : Chairperson

Approved by

  
\_\_\_\_\_

Mrs UP Mahlasela

Acting Municipal Manager

NOTE: The bidders should sign at the bottom to acknowledge that they accept the Amendment of the Bid

Bidder.....

Signature of Bidder.....

Date.....

**Provision of Professional Services for The Implementation and Management of The Rural Road Asset Management System in The ANDM for a Period of 3 Years**