



**KWAZULU-NATAL PROVINCE**  
TRANSPORT  
REPUBLIC OF SOUTH AFRICA

**DIRECTORATE: TIDS**

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**COST CENTRE IXOPO**

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Reference: T5/5/7/6/2

Date: 29 September 2023

**ATTENTION: BID SPECIFICATION COMMITTEE**

**ADDENDUM No. 1**

**TENDER NO. ZNB02147/00000/00/IXO/INF/23/T: THE REPLACEMENT OF ARMCO PIPE ON P68/1 KM0.8 WITH 2/1.8M X 1.8M CONCRETE BOX CULVERT AT AREA OFFICE IXOPO.**

The above-mentioned contract under Ixopo Area Office was approved by the RBAC and was advertised on CIDB and KZN Departmental of Transport website for the closing date of the 24th of October 2023.

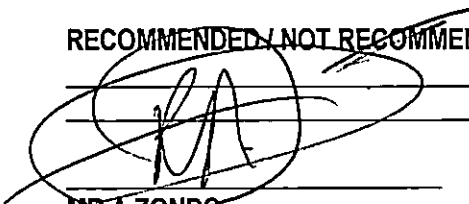
The following material errors has been noted on the advertised bid document.

1. There was no inclusion of the provisional sum amounts on the following items:
  - C1.2, C1.4, C1.5, C1.6, C4.2 and F

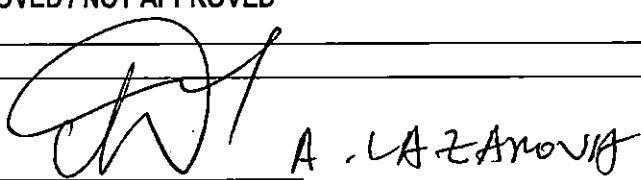
It is therefore recommended that this addendum be approved in order to urgently rectify the above errors as they will lead to improper submission by the tenderers.

  
Ms SD Mlima  
ASD: COST CENTRE IXOPO

~~RECOMMENDED / NOT RECOMMENDED~~

  
MR A ZONDO  
ADD: COST CENTRE IXOPO  
DATE 29/09/23

~~APPROVED / NOT APPROVED~~

  
A. LAZAMONJA  
BSC CHAIRPERSON  
PMB REGION  
DATE 29/09/2023



**KWAZULU-NATAL PROVINCE**

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I/We acknowledge receipt of this addendum No.1 and have made alterations to our tender document.

**BIDDER**.....

**NAME OF SIGNATORY**.....

**DATE**.....

SCHEDULE A: ROADWORKS						CHAPTER C1.2
THE CONSTRUCTION OF A 2/(1,8x1,8) BOX CULVERT No: STC 4080 AND ROAD APPROACHES ON MAIN ROAD P68/1 KM 0+725						
ITEM NO	DESCRIPTION	LI	UNIT	QUANTITY	RATE	AMOUNT
<b>C1.2</b>	<b>GENERAL REQUIREMENTS AND PAYMENT</b>					
<b>C1.2.1</b>	<b>Environmental Management</b>					
C1.2.1.1	Monitoring of compliance with and reporting on the EMP		month	6		
C1.2.1.2	Dedicated environmental officer (if specified in the Contract Documentation)		month	6		
C1.2.2.6	Preparation and submission of all information and reports specified in the Contract Documentation		month	6		
<b>C1.2.3</b>	<b>Routine road maintenance of existing public roads within the Site of the Works or other public roads outside the Site of Works which are used as detours</b>					
C1.2.3.11	Other road maintenance work ordered by the Engineer		Prov Sum	1	100 000	100 000
C1.2.3.12	Handling cost, profit and all other charges in respect of item C1.2.3.11		%			
<b>PSC1.2.4</b>	<b>Stakeholder liaison</b>					
(a)	Provision of a Project Liaison Officer (PLO)/ CLO		Prov Sum	1	150 000	150 000
(b)	Handling costs and profit in respect of the above subitem PSC1.2.4(a)		%			
(c)	Provision for Project Liaison Committee (PLC)		Prov Sum	1	50 000	50 000
(d)	Handling costs and profit in respect of the above subitem PSC1.2.4.2(a)		%			
<b>C1.2.5</b>	<b>Safety</b>					
C1.2.5.1	Health and safety plan		Lump Sum	1		
C1.2.5.2	Implementation of health and safety plan		month	6		
<b>C1.2</b>	<b>TOTAL CARRIED FORWARD</b>					

ITEM NO	DESCRIPTION	LI	UNIT	QUANTITY	RATE	AMOUNT
	<b>TOTAL BROUGHT FORWARD</b>					
<b>C1.2.8.4</b>	<b>Materials</b>					
(a)	Procurement of materials		Prov Sum	1	150 000	150 000
(b)	Contractor's handling costs, profit and all other charges in respect of item C1.2.8.4(a)		%			
<b>C1.2</b>	<b>TOTAL CARRIED TO SUMMARY</b>					

<b>SCHEDULE A: ROADWORKS</b> <span style="float: right;"><b>CHAPTER C1.2</b></span> <b>THE CONSTRUCTION OF A 2/(1,8x1,8) BOX CULVERT No: STC 4080 AND ROAD APPROACHES ON MAIN ROAD P68/1 KM 0+725</b>						
ITEM NO	DESCRIPTION	LI	UNIT	QUANTITY	RATE	AMOUNT
	<b>TOTAL BROUGHT FORWARD</b>					
PSC1.2.11	<b>MAINTENANCE OF THE NEW ROAD INFRASTRUCTURE DURING THE DEFECTS LIABILITY PERIOD:</b>					
PSC1.2.11.1	Grass cutting		Prov Sum	1	50 000	50 000
PSC1.2.11.2	Drain cleaning		Prov Sum	1	25 000	25 000
PSC1.2.11.3	Cleaning out culverts		Prov Sum	1	25 000	25 000
PSC1.2.11.4	Repair of Guardrails		Prov Sum	1	50 000	50 000
PSC1.2.11.4	Replacement of Road Studs		Prov Sum	1	25 000	25 000
PSC1.2.11.6	Road Marking		Prov Sum	1	100 000	100 000
PSC1.2.11.7	Repair of Road Signs		Prov Sum	1	25 000	25 000
PSC1.2.11.8	Contractor's handling costs, profit and all other charges in respect of items PSC1.2.11.1 to PSC1.2.11.7		%			
<b>C1.2</b>	<b>TOTAL CARRIED FORWARD TO SUMMARY</b>					

**THE CONSTRUCTION OF A 2/(1,8x1,8) BOX CULVERT No: STC 4080 AND ROAD APPROACHES ON MAIN ROAD P68/1 KM 0+725**

ITEM NO	DESCRIPTION	LI	UNIT	QUANTITY	RATE	AMOUNT
<b>C1.4</b>	<b>FACILITIES FOR THE ENGINEER</b>					
<b>C1.4.1</b>	<b>Site accommodatton</b>					
C1.4.1.1	Offices and conference room		m <sup>2</sup>	150		
C1.4.1.2	Laboratories		m <sup>2</sup>	200		
C1.4.1.3	Open concrete working floors and verandas		m <sup>2</sup>	250		
C1.4.1.4	Roofs over open concrete working floors and verandas		m <sup>2</sup>	350		
C1.4.1.5	Store rooms inside the laboratory		m <sup>2</sup>	50		
C1.4.1.6	Car ports		No	8		
C1.4.1.7	Ablution unit (equipment as specified)		No	5		
C1.4.1.9	Kithcen unit (equipment as specified)		No	2		
C1.4.1.13	Rented housing paid for by the Contractor		Prov Sum	1	120 000	120 000
C1.4.1.14	Contractor's handling costs, profit and all other charges in respect of item C1.4.1.13		%			
<b>C1.4.2</b>	<b>Items measured by area</b>					
C1.4.2.1	Shelving as specified, complete with brackets		m <sup>2</sup>	40		
C1.4.2.2	Work benches with a concrete slab top		m <sup>2</sup>	35		
C1.4.2.3	Work benches with a wooden top		m <sup>2</sup>	20		
C1.4.2.4	Constant temperature baths of concrete and/or plastered brick		m <sup>2</sup>	15		
C1.4.2.6	Roller blinds, opaque type		m <sup>2</sup>	25		
C1.4.2.7	Venetian blinds		m <sup>2</sup>	25		
C1.4.2.8	Notice boards		m <sup>2</sup>	25		
C1.4.2.9	White boards		m <sup>2</sup>	10		
<b>C1.4</b>	<b>TOTAL CARRIED FORWARD</b>					

SCHEDULE A: ROADWORKS						CHAPTER C1.5
THE CONSTRUCTION OF A 2/(1,8x1,8) BOX CULVERT No: STC 4080 AND ROAD APPROACHES ON MAIN ROAD P68/1 KM 0+725						
ITEM NO	DESCRIPTION	LI	UNIT	QUANTITY	RATE	AMOUNT
C1.5	ACCOMMODATION OF TRAFFIC					
C1.5.3	Liaison with traffic authorities		month	6		
C1.5.4	Construction of temporary deviations					
C1.5.4 / C4.4.2.1	Pavement layer material:					
	(j) Type G7 material		m <sup>3</sup>	200		
C1.5.4 / C5.1.1	Roadbed construction and compaction					
C1.5.4 / C5.1.1.2	Compaction of in-situ material to 93% of MDD		m <sup>3</sup>	200		
C1.5.4 / C5.1.1.4	Compaction of imported material to 93% of MDD		m <sup>3</sup>	80		
C1.5.4 / C5.3.2	Construction of pavement layers					
C1.5.4 / C5.3.2.1	Construction of layers using conventional construction methods:					
	(g) Gravel wearing course layer (150mm thick G7) compacted to 95 % of MDD		m <sup>3</sup>	200		
C1.5.5	Maintenance of temporary deviations					
C1.5.5.1	Grass cutting	LI	ha	1		
C1.5.5.2	Drain cleaning	LI	km	3		
C1.5.5.3	Cleaning out culverts	LI	m <sup>3</sup>	2		
C1.5.5.9	Grading of temporary deviations and existing roads used as detours		km	1		
C1.5.5.10	Watering of temporary deviations and existing roads used as detours		kl	10 000		
C1.5.5.11	Other road maintenance work ordered by the Engineer		Prov Sum	1	100 000.00	R 100 000.00
C1.5.5.12	Handling cost, profit and all other charges in respect of item C1.5.5.12		%			
C1.5	TOTAL CARRIED FORWARD					

SCHEDULE A: ROADWORKS

CHAPTER C1.5

THE CONSTRUCTION OF A 2/(1,8x1,8) BOX CULVERT No: STC 4080 AND ROAD APPROACHES ON MAIN ROAD P68/1 KM 0+725

ITEM NO	DESCRIPTION	LI	UNIT	QUANTITY	RATE	AMOUNT
<b>C1.5</b>	<b>ACCOMMODATION OF TRAFFIC</b>					
C1.5.3	Liaison with traffic authorities		month	6		
C1.5.4	Construction of temporary deviations					
C1.5.4 / C4.4.2.1	<b>Pavement layer material:</b>					
(j)	Type G7 material		m <sup>3</sup>	200		
C1.5.4 / C5.1.1	<b>Roadbed construction and compaction</b>					
C1.5.4 / C5.1.1.2	Compaction of in-situ material to 93% of MDD		m <sup>3</sup>	200		
C1.5.4 / C5.1.1.4	Compaction of imported material to 93% of MDD		m <sup>3</sup>	80		
C1.5.4 / C5.3.2	<b>Construction of pavement layers</b>					
C1.5.4 / C5.3.2.1	Construction of layers using conventional construction methods:					
(g)	Gravel wearing course layer (150mm thick G7) compacted to 95 % of MDD		m <sup>3</sup>	200		
<b>C1.5.5</b>	<b>Maintenance of temporary deviations</b>					
C1.5.5.1	Grass cutting	LI	ha	1		
C1.5.5.2	Drain cleaning	LI	km	3		
C1.5.5.3	Cleaning out culverts	LI	m <sup>3</sup>	2		
C1.5.5.9	Grading of temporary deviations and existing roads used as detours		km	1		
C1.5.5.10	Watering of temporary deviations and existing roads used as detours		kl	10 000		
C1.5.5.11	Other road maintenance work ordered by the Engineer		Prov Sum	1	100 000.00	R 100 000.00
C1.5.5.12	Handling cost, profit and all other charges in respect of item C1.5.5.12		%			
<b>C1.5</b>	<b>TOTAL CARRIED FORWARD</b>					



SCHEDULE A: ROADWORKS		CHAPTER C1.5				
THE CONSTRUCTION OF A 2/(1,8x1,8) BOX CULVERT No: STC 4080 AND ROAD APPROACHES ON MAIN ROAD P68/1 KM 0+725						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT	
TOTAL BROUGHT FORWARD						
(d)	Illuminated road sign - TW series (800mm x 200mm)	month	6			
(e)	Mobile variable message sign	month	6			
C1.5.7.8	Traffic control stations	month	6			
C1.5.7.9	Cleaning of traffic control facilities	month	6			
C1.5.8	Traffic safety officer	Man-month	6			
C1.5.9	Traffic safety vehicle	month	6			
C1.5.11	Provision of safety equipment for visitors					
C1.5.11.1	Provision of reflective safety vests for visitors	No	25			
C1.5.11.2	Provision of hard hats for visitors	No	10			
C1.5.12	<b>Additional traffic accommodation facilities ordered by the Engineer:</b>					
C1.5.12.1	Provision of additional traffic accommodation facilities	Prov Sum	1	100 000.00		R 100 000.00
C1.5.12.2	Handling cost, profit and all other charges in respect of item C1.5.12.1	%				
C1.5	TOTAL CARRIED FORWARD TO SUMMARY					

SCHEDULE A: ROADWORKS

CHAPTER C1.6

THE CONSTRUCTION OF A 2/(1,8x1,8) BOX CULVERT No: STC 4080 AND ROAD APPROACHES ON MAIN ROAD P68/1 KM 0+725

ITEM NO	DESCRIPTION	LI	UNIT	QUANTITY	RATE	AMOUNT
C1.6	<b>CLEARING AND GRUBBING</b>					
C1.6.1	<b>Clearing</b>					
C1.6.1.1	Clearing with machines and some hand labour where necessary		ha	1.00		
C1.6.1.2	Clearing with hand labour only when labour enhanced work is specified	LI	ha	0.25		
C1.6.1.3	Clearing for new fence lines (over a width of 2,0 m)	LI	km	2.00		
C1.6.1.4	Clearing for service trenches (over the agreed width required)		m <sup>2</sup>	5.00		
C1.6.2	<b>Grubbing</b>					
C1.6.2.1	Grubbing with machines and some hand labour where necessary		ha	1.00		
C1.6.2.2	Grubbing with hand labour only when labour enhanced work is specified or it is not practical to use a machine	LI	ha	1.00		
C1.6.2.3	Grubbing by hand for new fence lines		km	1.00		
C1.6.2.4	Grubbing by hand for service trenches (over the agreed width required)		m <sup>2</sup>	5.00		
C1.6.9	<b>Conservation of topsoil</b>					
C1.6.9.1	Stockpiling topsoil		m <sup>3</sup>	2 500.00		
C1.6.9.2	Windrowing topsoil		m <sup>3</sup>	1 500.00		
C1.6.10	<b>Disposal of hazardous waste material:</b>					
C1.6.10.1	Disposal of hazardous waste material at an approved hazardous waste material facility		Prov Sum	1.00	20 000.00	R 20 000.00
C1.6.10.2	Handling cost, profit and all other charges in respect of item C1.6.10.1		%			
C1.6	<b>TOTAL CARRIED FORWARD TO SUMMARY</b>					

SCHEDULE A: ROADWORKS

CHAPTER C4.2

THE CONSTRUCTION OF A 2/(1,8x1,8) BOX CULVERT No: STC 4080 AND ROAD APPROACHES ON MAIN ROAD P68/1 KM 0+725

ITEM NO	DESCRIPTION	LI	UNIT	QUANTITY	RATE	AMOUNT
C4.2	CUT MATERIALS					
C4.2.2	Additional material investigations during the supplementary exploration					
C4.2.2.1	Cost of additional trial pits and/or drilling and laboratory testing		Prov Sum	1	50 000	R 50 000.00
C4.2.2.2	Handling costs and profit in respect of item		%			
C4.2.7	Removal of unsuitable stable cut material to spoil					
C4.2.7.1	In layer thicknesses of 200 mm and less		m <sup>3</sup>			
C4.2.7.2	In layer thicknesses exceeding 200 mm		m <sup>3</sup>			
C4.2	TOTAL CARRIED FORWARD TO SUMMARY					

SCHEDULE E: EXPANDED PUBLIC WORKS PROGRAMME (EPWP)

CHAPTER F

THE CONSTRUCTION OF A 2/(1,8x1,8) BOX CULVERT No: STC 4080 AND ROAD APPROACHES ON MAIN ROAD  
P68/1 KM 0+725

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
<b>F</b>	<b>EXPANDED PUBLIC WORKS PROGRAMME (EPWP)</b>				
F6.01	Provision of training venue facility, including the cost of transport the learners to and from this facility	Lump Sum	1	80 000	R 80 000.00
F6.02	Training of learners employed by the contractor or by the Targeted Enterprise subcontractors:				
	(a) Generic Skills:				
(a.i)	Training costs	Prov Sum	1	50 000	R 50 000.00
(a.ii)	Handling costs and profit in respect of subitem E6.02(a)(i) above.	%			
	(b) Entrepreneurial skills:				
(b.i)	Training costs	Prov Sum	1	25 000	R 25 000.00
(b.ii)	Handling costs and profit in respect of subitem E6.02(b)(i) above.	%			
	(c) Construction skills:				
(c.i)	Training costs	Prov Sum	1	25 000	R 25 000.00
(c.ii)	Handling costs and profit in respect of subitem E6.02(c)(i) above.	%			
	(d) Transportation and accommodation costs of selected learners only, while receiving off-site training:				
(d.i)	Transportation and accommodation costs	Prov Sum	1	5 000	R 5 000.00
(d.ii)	Handling costs and profit in respect of subitem E6.02(d)(i) above.	%			
	(e) Liaison with the Employer's project manager and the training service provider:				
(e.i)	Liaison conducted by the construction manager	hr	100		
(e.ii)	Liaison conducted by senior site foreman	hr	100		
<b>F</b>	<b>TOTAL CARRIED FORWARD TO SUMMARY</b>				

SCHEDULE E: EXPANDED PUBLIC WORKS PROGRAMME (EPWP)

CHAPTER F

THE CONSTRUCTION OF A 2/(1,8x1,8) BOX CULVERT No: STC 4080 AND ROAD APPROACHES ON MAIN ROAD  
P68/1 KM 0+725

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
F	EXPANDED PUBLIC WORKS PROGRAMME (EPWP)				
F6.01	Provision of training venue facility, including the cost of transport the learners to and from this facility	Lump Sum	1	80 000	R 80 000.00
F6.02	Training of learners employed by the contractor or by the Targeted Enterprise subcontractors:				
	(a) Generic Skills:				
(a.i)	Training costs	Prov Sum	1	50 000	R 50 000.00
(a.ii)	Handling costs and profit in respect of subitem E6.02(a)(i) above.	%			
	(b) Entrepreneurial skills:				
(b.i)	Training costs	Prov Sum	1	25 000	R 25 000.00
(b.ii)	Handling costs and profit in respect of subitem E6.02(b)(i) above.	%			
	(c) Construction skills:				
(c.i)	Training costs	Prov Sum	1	25 000	R 25 000.00
(c.ii)	Handling costs and profit in respect of subitem E6.02(c)(i) above.	%			
	(d) Transportation and accommodation costs of selected learners only, while receiving off-site training:				
(d.i)	Transportation and accommodation costs	Prov Sum	1	5 000	R 5 000.00
(d.ii)	Handling costs and profit in respect of subitem E6.02(d)(i) above.	%			
	(e) Liaison with the Employer's project manager and the training service provider:				
(e.i)	Liaison conducted by the construction manager	hr	100		
(e.ii)	Liaison conducted by senior site foreman	hr	100		
F	TOTAL CARRIED FORWARD TO SUMMARY				