



BA-PHALABORWA MUNICIPALITY
MEMORANDUM
- BUDGET AND TREASURY –

TO : *Prospective Service Provider*
FROM : *SCM /STORES*
DATE : *22/02/2019*
ENQUIRIES : *STORES*
TELEPHONE : *015 780 6362/61*
REF : *128143*

Kindly furnish this office with a written quotation for supply of goods/ services as detailed below. The quotation must be submitted on the letterhead of your Business and Brought to our offices 3 Nyala Street, Phalaborwa not later than **04/03/2019 at 12H00**

QUANTITY	Description	PRICE/UNIT (Inc .VAT)	DELIVERY PERIOD
20	Request for grade operator training for 20 learners for 3 days		

Please number your quotes (Your Ref no)

The following conditions will apply:

- *Price (s) quoted must be valid for at least thirty (30) days from date of your offer.*
- *The municipality retains the prerogative to reject any quotes it deems to be excessive*
- *A firm delivery period must be indicated.*
- *Tax Clearance Certificate*
- *A service provide be registered with central supplier database (CSD)*
- *Registered with CIPRO (CK 1 or 2 document)*
- *BBBEE Certificate certified by a SANAS accredited institution.*
- *Completed MBD4 (Declaration of Interest) Form*

N.B Originals must be couriered/ posted to 3 Nyala Street Phalaborwa for all emailed documents.

Fill in and Return the Declaration of Interest Form.



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SOUTH AFRICAN QUALIFICATIONS AUTHORITY
REGISTERED UNIT STANDARD:

Operate a grader

SAQA US ID	UNIT STANDARD TITLE			
262735	Operate a grader			
ORIGINATOR				
SGB Civil Engineering Construction				
PRIMARY OR DELEGATED QUALITY ASSURANCE FUNCTIONARY				
-				
FIELD			SUBFIELD	
Field 12 - Physical Planning and Construction			Physical Planning, Design and Management	
ABET BAND	UNIT STANDARD TYPE	PRE-2009 NQF LEVEL	NQF LEVEL	CREDITS
Undefined	Regular	Level 2	NQF Level 02	15
REGISTRATION STATUS		REGISTRATION START DATE	REGISTRATION END DATE	SAQA DECISION NUMBER
Reregistered		2018-07-01	2023-06-30	SAQA 06120/18
LAST DATE FOR ENROLMENT		LAST DATE FOR ACHIEVEMENT		
2024-06-30		2027-06-30		

In all of the tables in this document, both the pre-2009 NQF Level and the NQF Level is shown. In the text (purpose statements, qualification rules, etc), any references to NQF Levels are to the pre-2009 levels unless specifically stated otherwise.

This unit standard replaces:

US ID	Unit Standard Title	Pre-2009 NQF Level	NQF Level	Credits	Replacement Status
116078	Operate a grader	Level 2	NQF Level 02	26	Complete

PURPOSE OF THE UNIT STANDARD

The qualifying learner will be able to operate a grader by understanding the functions of starting, shutting down and operating procedures for the machine. Learners who master the applied competence described in this unit standard will contribute to the development of a professional community of Construction Plant operators.

The qualifying learner will be capable of:

- Demonstrating knowledge of the functions of a grader.
- Planning for work activities and preparing work area.
- Starting and shutting down grader.
- Operating grader.
- Transporting grader to and from site.

LEARNING ASSUMED TO BE IN PLACE AND RECOGNITION OF PRIOR LEARNING

It is recommended that learners entering into a study of this unit standard will prove competence in the following to enable the achievement of this unit standard:



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- *Communication at NQF Level 1.*
- *Mathematical Literacy at NQF Level 1.*

UNIT STANDARD RANGE

N/A

Specific Outcomes and Assessment Criteria:

SPECIFIC OUTCOME 1

Demonstrate knowledge of the functions of a grader.

OUTCOME RANGE

Range of graders include, but is not limited to:

- *Articulated and non-articulated machines.*

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

The main functions of a grader are explained in terms of manufacturer's specifications.

ASSESSMENT CRITERION 2

The operation of all major components is explained in terms of their functions.

ASSESSMENT CRITERION 3

The applications of a grader are described in terms of earthmoving activities.

ASSESSMENT CRITERION 4

All safety features and warning devices on the grader are identified, and their purposes explained in accordance with manufacturer's specifications.

ASSESSMENT CRITERION 5

The maximum operating capacities are explained in terms of the designed grader capabilities.

ASSESSMENT CRITERION 6

Warnings from grader indicators and gauges are explained according to manufacturer's specifications.

ASSESSMENT CRITERION 7

Corrective actions are described or demonstrated in terms of neutralising warnings received.

SPECIFIC OUTCOME 2

Plan for work activities and prepare work area.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

Sequence of operations is determined according to site operational requirements.

ASSESSMENT CRITERION 2

Required equipment to perform the work activity is selected according to site operational requirements.

ASSESSMENT CRITERION RANGE

Range of equipment includes, but is not limited to:

- *Machine attachments, personal protective equipment and safety signs.*



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ASSESSMENT CRITERION 3

Work area is inspected and prepared according to site operational requirements.

SPECIFIC OUTCOME 3

Start and shut down grader.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

Pre-operational checks are carried out according to appropriate checklist.

ASSESSMENT CRITERION 2

Daily and weekly operator maintenance is performed according to the appropriate post-operational checklist.

ASSESSMENT CRITERION 3

Start-up and shutdown procedures are followed according to manufacturer's specifications.

ASSESSMENT CRITERION 4

Grader is parked according to manufacturer's and worksite requirements.

ASSESSMENT CRITERION 5

Grader hours are documented in accordance with company requirements.

ASSESSMENT CRITERION 6

Grader maintenance and faults are reported in accordance with company requirements.

SPECIFIC OUTCOME 4

Operate grader.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

The purpose of the various controls is explained in accordance with their designed use.

ASSESSMENT CRITERION 2

Functions of the various controls are demonstrated in accordance with the manufacturer's specifications.

ASSESSMENT CRITERION 3

Temporary safety signs are explained in relation to their use and placement.

ASSESSMENT CRITERION 4

Grader performance is monitored and corrective action is taken when necessary, in accordance with manufacturer's specifications.

ASSESSMENT CRITERION 5

Grader is operated according to safe working procedures, manufacturer's specifications and earthmoving activity.

ASSESSMENT CRITERION RANGE

Range of operation techniques includes, but is not limited to:

- Cutting, mixing, sloping, moving, ripping, blading, grading and leveling.

SPECIFIC OUTCOME 5



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Transport grader to and from site.

ASSESSMENT CRITERIA

ASSESSMENT CRITERION 1

Methods of loading a grader for transport are explained according to safety requirements, manufacturer's instructions and transport configuration.

ASSESSMENT CRITERION 2

Methods of securing a grader for transport are explained and demonstrated in relation to lashing points and safety requirements.

ASSESSMENT CRITERION 3

Driving a grader on a public road according to the provisions of the current National Road Traffic Act.

UNIT STANDARD ACCREDITATION AND MODERATION OPTIONS

- Anyone assessing a learner or moderating the assessment of a learner against the qualification must be registered as an assessor with the relevant Education, Training, Quality, Assurance (ETQA) Body, or with an ETQA that has a Memorandum of Understanding with the relevant ETQA.
- Any institution offering learning that will enable the achievement of this qualification must be accredited as a provider with the relevant Education, Training, Quality, Assurance (ETQA) Body, or with an ETQA that has a Memorandum of Understanding with the relevant ETQA.
- Assessment and moderation of assessment will be overseen by the relevant Education, Training, Quality, Assurance (ETQA) Body, or by an ETQA that has a Memorandum of Understanding with the relevant ETQA, according to the ETQA's policies and guidelines for assessment and moderation.
- Moderation must include both internal and external moderation of assessments, unless ETQA policies specify otherwise. Moderation should also encompass achievement of the competence described in the associated unit standards.
- Anyone wishing to be assessed against this qualification may apply to be assessed by any assessment agency, assessor or provider institution that is accredited by the relevant ETQA.

UNIT STANDARD ESSENTIAL EMBEDDED KNOWLEDGE

The qualifying learner will be able to understand and explain relevant aspects of the following:

- The Grader's operation procedures and main functions of all major components.
- The maximum operating capacities of the designed Grader capabilities.
- Statutory requirements including the Relevant Code of practice and Safety, Health & Environmental legislation.
- Worksite procedures.

UNIT STANDARD DEVELOPMENTAL OUTCOME

N/A

UNIT STANDARD LINKAGES

N/A

Critical Cross-field Outcomes (CCFO):

UNIT STANDARD CCFO IDENTIFYING

Identify and solve problems related to monitoring the performance of a grader during operations in which responses display that critical thinking is used for responsible decision making.

UNIT STANDARD CCFO WORKING

Work effectively as a member of a plant operation team with a civil construction team to achieve earthworks targets to required standard and within specified time frame.

UNIT STANDARD CCFO ORGANISING



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Organise and manage oneself and one's activities responsibly and effectively in maintaining and monitoring the optimal performance and functionality of the grader.

UNIT STANDARD CCFO COLLECTING

Collect, analyse, organise and critically evaluate information about the functionality and performance of the grader in relation to the earthworks task to plan work activities and prepare work area.

UNIT STANDARD CCFO COMMUNICATING

Communicate effectively using appropriate modes of oral and/or written persuasion in dealing with all internal and external role-players to plan work activity, prepare work area and complete grading task according to safety requirements.

UNIT STANDARD CCFO SCIENCE

Use science and technology to maintain and operate a grader in accordance with manufacturer's specifications and instructions in order to successfully complete a specific earthworks task.

UNIT STANDARD ASSESSOR CRITERIA

N/A

REREGISTRATION HISTORY

As per the SAQA Board decision/s at that time, this unit standard was Reregistered in 2012; 2015.

UNIT STANDARD NOTES

This unit standard replaces unit standard 116078, "Operate a grader", Level 2, 26 credits.

QUALIFICATIONS UTILISING THIS UNIT STANDARD:

	ID	QUALIFICATION TITLE	PRE-2009 NQF LEVEL	NQF LEVEL	STATUS	END DATE	PRIMARY OR DELEGATED QA FUNCTIONARY
Elective	65789	National Certificate: Construction-Plant Operations.	Level 2	NQF Level 02	Reregistered	2023-06-30	CETA

PROVIDERS CURRENTLY ACCREDITED TO OFFER THIS UNIT STANDARD:

This information shows the current accreditations (i.e. those not past their accreditation end dates), and is the most complete record available to SAQA as of today. Some Primary or Delegated Quality Assurance Functionaries have a lag in their recording systems for provider accreditation, in turn leading to a lag in notifying SAQA of all the providers that they have accredited to offer qualifications and unit standards, as well as any extensions to accreditation end dates. The relevant Primary or Delegated Quality Assurance Functionary should be notified if a record appears to be missing from here.

1. Aveng Grinaker -LTA Civil Engineering
2. Barloworld Equipment
3. BreErivier Training Development CC Mossel Bay
4. Eastcape Training Centre
5. Elite Operator and Skills Training
6. HUMAN RESOURCE 2000 CC
7. Interlink Technical Training
8. INTOKOZO TRAINING
9. LICENCE WISE TRAINING SPECIALISTS
10. NIRVANA BUSINESS SOLUTION CONSTRUCTION
11. NORTH WEST COMMUNITY BASED ORGANIZATIONS NETWORK
12. Starcrow 36 Bk
13. Success in Action cc
14. TRANSVAAL COLLEGE OF EDUCATION



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15. Transvaal Training

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