



higher education  
& training

Department:  
Higher Education and Training  
REPUBLIC OF SOUTH AFRICA



**westcol**  
Technical and Vocational Education and Training College

**ONCE-OFF CLEANING AND GARDENING SERVICES FOR  
WESTERN TVET COLLEGE CAMPUSES:  
CARLETONVILLE, KRUGERSDORP WEST AND  
RANDFONTEIN**

**Bill of Quantities**

Item No	SECTION NO.1	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<b><u>CARLETONVILLE CAMPUS</u></b>				
1	<b>PRELIMINARIES AND GENERAL</b>				
1,1	Security	Sum	1	R	R
1,2	Tools and equipment	Sum	1	R	R
1,3	Offices and storage sheds	Sum	1	R	R
1,4	Health and safety requirements	Sum	1	R	R
1,5	Water and electrical supply	Sum	1	R	R
1,6	Communication	Sum	1	R	R
1,7	Plant for the works	Sum	1	R	R
1,8	Programming	Sum	1	R	R
1,9	Site meetings	Sum	1	R	R
1,10	Supervision for the duration of construction	Sum	1	R	R
1,11	Performance security	Sum	1	R	R
1,12	Company and head office overheads cost for the duration of the works	Sum	1	R	R
1,13	Transportation	Sum	1	R	R
1,14	Contractors rubble skip bins	Sum	1	R	R
1,15	Compliance certificate of approved weed killer	Sum	1	R	R
1,16	Barricading	Sum	1	R	R
1,17	Hoisting equipment and mobile	Sum	1	R	R
1,18	Risk assessment	Sum	1	R	R
1,19	Allow for repairing of underground service when damaged	Sum	1	R	R
	<b><u>EXTERNAL WORKS</u></b>				
2	<b><u>Perimeter fence</u></b>				
2,1	Cut grass, remove weeds and spray with approved weed killer sizes 167 m long x 16m wide.	m <sup>2</sup>	2672	R	R
2,2	Cut grass, remove and poison weeds, rubble, stones, concrete stubs and kill grass and weeds with approved weed killer including weeds growing on face brick, sands with sharp fork at college entrance and corner of south street. Size : 3,10m wide x 131m long in R500 road and 11m wide x 42m long.	m <sup>2</sup>	869	R	R
2,3	Cut grass , remove stones, rubbles etc. and level the ground in South street external fence concrete apron and below fence. Sizes 6,30m wide x 151m long.	m <sup>2</sup>	952	R	R

2,4	Load and remove all rubble including concrete half columns, the tree branches next to the security college entrance gate and load them for transportation.	1	item	R	R
<b>INTERNAL WORKS</b>					
<b>3</b>	<b><u>High brick pots</u></b>				
3,1	Remove weeds and grass sizes 1.2m x 1.2m square No.16	m <sup>2</sup>	23	R	R
3,2	Cultivate flower pots and spray approved weed killer.	m <sup>2</sup>	23	R	R
<b>4</b>	<b><u>Lower brick pots</u></b>				
4,1	Remove weeds and cut grass on ground flower boxes.	Item	9	R	R
4,2	Provide 40-mm edges and borders around ground flower boxes. Sizes 2.7m x 2.7m square x No.9	m	66	R	R
<b>5</b>	<b><u>Gardening, flowers and thornless bushes.</u></b>				
5,1	Provide weeding (pick over weeds) and cut grass in the area size 10m wide 22m long.	m <sup>2</sup>	220	R	R
5,2	Cultivate gardening above.	m <sup>2</sup>	220	R	R
5,3	Provide edges and borders.	m	64	R	R
5,4	Remove weeds on flower boxes ,cut and trim flowers.	No.	3	R	R
5,5	Cut, trim bushy plants at admin entrance and remove thornless hedges. Sizes 11m long x 2m wide.	No.	2	R	R
5,6	Remove all debris and carefully cultivate gardening with portable fork size 11m long x 2m wide and 4m high No.2 at entrance	m <sup>2</sup>	44	R	R
5,7	Trim hedges, remove weeding, provide edges and borders and cultivate gardening in- front of admin offices and around all office including cutting of edges at back of T2 size 150m long x 2m wide X 4m high.	m	150	R	R
5,8	Dig, root out and poison thornless bushes and compact and fill holes size 16m x 8m wide (±0.5m high) at back of classes and next to staff resting area.	m <sup>2</sup>	128	R	R
5,9	Provide borders, edges between paving, concrete aprons, tar roads and lawn/ flowers for the whole campus.	Item	1	R	R
<b>6</b>	<b><u>Parking roads Irelands and around assembling points</u></b>				
6,1	Root out weeds, grass, small bushes and poison the area with approved weeds poisoning size: Islands 6m long x 1m wide No.8.	No.	8	R	R
6,2	As before but assemble point. No.1	No.	1	R	R
6,3	Set aside stones in islands for later re-use, dig and root out tree stumps in road island, re-instate existing fillings, previously set aside stones and level islands grounds.	No.	8	R	R
6,2	Supply and provide material and make good damaged islands kerbs, tar roads affected by removing of stumps.	No.	8	R	R
<b>7</b>	<b><u>Root out trees growing in fence line</u></b>				

7,1	Dig and root out trees and fill up holes with and compact with existing material.	No.	40	R	R
7,2	Where trees grow on palisade line, cut palisades, supply new palisade paint with one red oxide under coat and twice coats paint final to match existing steel palisades at college hall and next to T2 classroom.	No.	3	R	R
7,3	Set aside blocks or paving for later re-use to access tree to be removed and fill in holes with natural soils and replace existing concrete blocks or paving's previously set aside.	Item	1	R	R
<b>8</b>	<b><u>Trim trees</u></b>				
8,1	Cut branches and trim in front of electrical workshop to be below building gutter height.	No.	2	R	R
8,2	Cut branches and trim trees to be below building height next to workshop	No.	27	R	R
8,3	Trim trees at student rest area.	No.	15	R	R
8,4	Cut branches and trim trees next to the roadside (R500 road) fence height.	No.	30	R	R
8,5	Cut and trim tree branches to a minimum of building at staff rest area.	No.	10	R	R
8,6	Trim trees next to T2 and fence extended from rugby field to the fence level height.	No.	30	R	R
<b>9</b>	<b><u>Weeding and grass cutting and cleaning</u></b>				
9,1	Removing weeds, cutting grass at Carletonville campus area. Cultivate gardening, provide borders and edges, cleaning of yard surfaces with broom etc. Apply approved weeds killer grass in all stairs, concrete, tar surfaces, and block area with and approved weed killer. Total = 25691m2	m <sup>2</sup>	25 691	R	R
<b>10</b>	<b><u>Clean Rubble</u></b>				
10,1	Clean existing rubble grass bags, burned rubble, papers on unused gate, wooden pole logs, half concrete columns and heavy turnstile steel gate before any works commences.	Item	1	R	R
<b>11</b>	<b><u>Rubble removal</u></b>				
11,1	Load all rubble (Identified on site) into transport and dump into municipal dumping side +10km away from site/ campus.	Item	1	R	R
SUBTOTAL		R			
VAT@15%		R			
TOTAL AMOUNT		R			

Item No	SECTION NO.2	Unit	Quantity	Rate	Amount
	<b><u>KRUGERSDORP WEST CAMPUS</u></b>				

1	<b>PRELIMINARIES AND GENERAL</b>				
1,1	Security	Sum	1	R	R
1,2	Tools and equipment	Sum	1	R	R
1,3	Offices and storage sheds	Sum	1	R	R
1,4	Safety	Sum	1	R	R
1,5	Water and electrical supply	Sum	1	R	R
1,6	Communication	Sum	1	R	R
1,7	Plant for the works	Sum	1	R	R
1,8	Programming	Sum	1	R	R
1,9	Site meetings	Sum	1	R	R
1,10	Supervision for the duration of construction	Sum	1	R	R
1,11	Performance security	Sum	1	R	R
1,12	Company and head office overheads cost for the duration of the works	Sum	1	R	R
1,13	Transportation	Sum	1	R	R
1,14	Contractors rubble skip bins	Sum	1	R	R
1,15	Compliance certificate for approved weed killer	Sum	1	R	R
1,16	Barricading	Sum	1	R	R
1,17	Hoisting equipment	Sum	1	R	R
1,18	Risk assessment	Sum	1	R	R
1,19	Allow for repairing of underground services when damaged	Sum	1	R	R
	<b><u>EXTERNAL WORKS</u></b>				
2	<b><u>Perimeter fence</u></b>				
2,1	Cut grass, remove weeds and spray with approved weed killer in paving around perimeter fence. Size: (122.20 m long x 4m Wide) <sup>2</sup> + (203 m long x 4 m Wide) <sup>1</sup>	m <sup>2</sup>	1790	R	R
	<b><u>INTERNAL WORKS</u></b>				
3	<b><u>Campus area</u></b>				
3,1	Removing weeds, cutting grass at Krugersdorp West campus area. Cultivate gardening, provide borders and edges, cleaning of yard surfaces with broom etc. Apply approved weeds killer grass in all stairs, concrete, tar surfaces, and block area with and approved weed killer. Total = 20 096m <sup>2</sup>	m <sup>2</sup>	20 096	R	R
4	<b><u>Damaged paving</u></b>				
4,1	Remove existing paving, excavate, backfilling material, compact and watering, 20mm sand, 250mm dpm, supply new 40 mm grey pavers, fill in sand on pavers and compact.	m <sup>2</sup>	120	R	R
5	<b><u>Borders and edges</u></b>				
5,1	Provide borders and edges between paving, concrete aprons, tar roads, and lawn /flowers for the entire site or campus.	No.	1	R	R
6	<b><u>Gardening services</u></b>				
6,1	Cultivate gardening, remove weeds, provide borders and edges all sides	m <sup>2</sup>	612	R	R
7	<b><u>Small bushes and trees</u></b>				
7,1	Dig out, remove bushes and small trees at north perimeter fence.	Item	1	R	R
8	<b><u>Trees</u></b>				

8,1	Trim trees.	No.	84	R	R
8,2	Dig and root out trees.	No.	60	R	R
8,3	Dig and root out tree stumps, fill up holes including trees grow on palisades line, cut steel palisades panels, supply new palisade paint with one red oxide under coat and twice coat paint to match	No.	35	R	R
8,4	Supply and Install new palisades panels with concrete, steel palisades to match existing with red oxide, twice coats finish to match the existing.	No.	7	R	R
8,5	Dig and root out small trees.	No.	30	R	R
<b>9</b>	<b>Existing rubbles</b>				
9,1	Clean and remove existing rubble next to north gate.	Item	1	R	R
9,2	Load and transport rubble	Item	1	R	R
<b>10</b>	<b>Rubble Removal</b>				
10,1	Load all rubble on site, sweep floors, load and transport into transport and dump into municipal dumping side ± 10km away from site/ campus.	Item	1	R	R
SUBTOTAL		R			
VAT@15%		R			
TOTAL AMOUNT		R			

Item No	SECTION NO.3	Unit	Quantity	Rate	Amount
	<b><u>RANDFONTEIN CAMPUS</u></b>				
<b>1</b>	<b>PRELIMINARIES AND GENERAL</b>				
1,1	Security	Sum	1	R	R
1,2	Tools and equipment	Sum	1	R	R
1,3	Offices and storage sheds	Sum	1	R	R
1,4	Safety	Sum	1	R	R
1,5	Water and electrical supply	Sum	1	R	R
1,6	Communication	Sum	1	R	R
1,7	Plant for the works	Sum	1	R	R
1,8	Programming	Sum	1	R	R
1,9	Site meetings	Sum	1	R	R
1,10	Supervision for the duration of construction	Sum	1	R	R
1,11	Performance security	Sum	1	R	R
1,12	Company and head office overheads cost for the duration of the works	Sum	1	R	R
1,13	Transport	Sum	1	R	R
1,14	Contractors rubble skip bins	Sum	1	R	R
1,15	Compliance certificate for approved weed killer	Sum	1	R	R
1,16	Barricading	Sum	1	R	R
1,17	Hoisting equipment	Sum	1	R	R
1,18	Risk assessment	Sum	1	R	R
1,19	Allow for repairing of underground services when damaged	Sum	1	R	R
1,20	Barricading	Sum	1	R	R
<b>2</b>	<b>External Works</b>				
	<b>Perimeter fence</b>				

2.1	Cut grass and remove weeds sizes (305m Long x 10m wide) one side of the campus	m <sup>2</sup>	9150	R	R
	Remove trees and dumped rubble with a grader to make a soil heap and load all rubble to the tipper truck sizes (315 x 20m x±500m deep ) another side of the campus	m <sup>3</sup>	3150	R	R
2.2	Dig and root out external trees	No.	11	R	R
2.3	Load and remove existing rubble corner at north gate outside.	No.	1	R	R
<b>3</b>	<b><u>Small bushes and trees</u></b>				
3.1	Dig out, remove roots bushes and small trees including poisoning small trees on walls at central campus	No.	9	R	R
<b>4</b>	<b><u>Internal works</u></b>				
<b>4</b>	<b><u>Gardening service</u></b>				
4.1	Cut grass, remove weeds on concrete blocks, paving's, concrete water channels, concrete apron, and poison with approved weed killer, size 38 593m <sup>2</sup>	m <sup>2</sup>	38 593	R	R
4.2	Provide borders and edges between paving, concrete aprons, tar roads and lawn flowers the whole campus	Item	1	R	R
4.3	Cultivate gardening in front of engineering block, NW block , Kw block, admin, generator and fence side, side including all other gardening's and provide edges and borders.	m <sup>2</sup>	70	R	R
4.4	Removal and dig out of thornless hedges in various places at the campus, poison and fill in holes.	m <sup>2</sup>	70	R	R
4.5	Trimming of flowers and hedges	m <sup>2</sup>	70	R	R
<b>5</b>	<b><u>Trees.</u></b>				
5.1	Dig and root out trees	No.	104	R	R
5.2	Small trees growing on the bricks work at NW block.	No.	3	R	R
5.3	Dig and root out trees stumps.	No.	6	R	R
5.4	Trim trees to required heights.	No.	83	R	R
<b>6</b>	<b><u>Fence</u></b>				
6.1	Remove palisades where trees grow and install new palisades including welding, painting with undercoat and twice final to match the existing	No.	20	R	R
<b>7</b>	<b><u>Damaged paving</u></b>				
7.1	Remove existing paving, excavate, backfilling material, compact and watering, 20mm sand, 250mm dpm , supply new 40 mm grey pavers, fill in sand on pavers and compact.	m <sup>2</sup>	70	R	R
<b>8</b>	<b><u>Rubble Removal</u></b>				
8.1	Load and transport all the rubble to municipal dumping site ± 10km away from site	Item	1	R	R
	SUBTOTAL			R	
	VAT@15%			R	
	TOTAL AMOUNT			R	

**ONCE -OFF CLEANING AND GARDENING SERVICES WESTERN TVET COLLEGE CAMPUSES: CARLETONVILLE,  
KRUGERSDORP WEST AND RANDFONTEIN**

**BILL SUMMARY : ONCE-OFF GARDENING SERVICES**

ITEM NO	CAMPUS	AMOUNT
1	CARLETONVILLE CAMPUS	R
2	KRUGERSDORP WEST CAMPUS	R
3	RANDFONTEIN CAMPUS	R

<b>TOTAL COST FOR THREE CAMPUSES</b>	<b>R</b>
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