



**Request for Quotation (RFQ) for the refurbishment of existing ablution facilities in the CSIR Pretoria campus**

**RFQ No. 5375/31/08/2018**

Date of issue	Tuesday, 14 August 2018
Compulsory briefing session	Tuesday, 21 of August 2018 Venue: CSIR Pretoria Campus Building 33 Reception area Time: 10h00 – 11h00
Closing Date and Time:	31 August 2018 at 16:30
Contact details	For submission of quotations or any other enquiries: email: tender@csir.co.za

## 1 INVITATION FOR QUOTATION

Quotations are hereby invited from reputable general building contractors with a proven track record for the refurbishment of ablution facilities at the CSIR Pretoria campus. The service is required immediately from the date of appointment.

## 2 QUOTATION REQUIREMENTS

The scope of work entails the refurbishment of the existing ablution facilities as follows:

- Building 33: 2x Male bathrooms (N148 & S233)
- Building 8: Paraplegic and Male bathroom (N10 & N11)

The activities include the following items:

- Tiling
- Painting
- Plumbing installation of sanitary fittings
- Electrical.
- Installation of new ceiling

## **Contractors are to price in the Bill of quantities provided**

### **3 ELIMINATION CRITERIA**

Bidders will be eliminated if they fail to provide the following information:

- Provide at least a minimum of 3 contactable references for similar previous work done (See appendix A)
- Provide a CIDB Certificate minimum 2GB level grading

**NB: Previous work done must be accessible for site visits to verify quality of bidder's workmanship.**

### **4 EVALUATION CRITERIA**

- 4.1 Selection of suppliers will be based on the 80/20 preference point system.
- 4.2 Indicate valid B-BBEE status on quotation. No B-BBEE status will equal zero points.
- 4.3 Indicate CSD number (National Treasury Central Supplier Database) on quotation. If not registered yet on CSD, use [www.csd.gov.za](http://www.csd.gov.za) to register.
- 4.4 No order will be issued or no contract will be signed without a valid CSD number.

### **5 VENUE FOR PROPOSAL SUBMISSION**

All quotations must be emailed to [tender@csir.co.za](mailto:tender@csir.co.za)

### **6 PRICING QUOTATION**

- 6.1 Price needs to be provided in South African Rand (excl. VAT), with details on price elements that are subject to escalation and exchange rate fluctuations clearly indicated.
- 6.2 Price should include additional cost elements such as freight, insurance until acceptance, duty where applicable, etc.
- 6.3 Payment will be according to the CSIR Payment Terms and Conditions.

## **7 OTHER TERMS AND CONDITIONS**

7.1 The supplier shall under no circumstances offer, promise or make any gift, payment, loan, reward, inducement, benefit or other advantage, which may be construed as being made to solicit any favour, to any CSIR employee or its representatives. Such an act shall constitute a material breach of the Agreement and the CSIR shall be entitled to terminate the Agreement forthwith, without prejudice to any of its rights.

7.2 A validity period of 90 days will apply to all quotations except where indicated differently on the quote.

**8 No goods and/or services should be delivered to the CSIR without an official CSIR Purchase order. CSIR purchase order number must be quoted on the invoice. Invoices without CSIR purchase order numbers will be returned to supplier.**

**9 Note: This is not a Purchase Order.**



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Signed \_\_\_\_\_ Date \_\_\_\_\_  
Name \_\_\_\_\_ Position \_\_\_\_\_  
Bidder \_\_\_\_\_

**APPENDIX B: Bill of quantities**

- Tenderers to price only where quantities are provided.
- Where an allowance is made, the quantities will be measured and quotes must be submitted.

<b>BILL OF QUANTITIES: BUILDING WORK</b>					
<b>SECTION A: BUILDING 33 S233 BATHROOM REFURBISHMENT</b>					
<b>DEPARTMENT: FACILITIES DEPARTMENT - PROJECT SECTION</b>					
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
<b>A</b>	<b><u>PRELIMINARY AND GENERAL ITEMS</u></b>				
	Allow for Preliminary and General including all health and safety requirements as per Occupational Health and Safety Act 85 of 1993	Sum			
1	Site establishment	Sum			
2	Tools	Sum			
3	Allow for Certificate of compliance (COC)	Sum			
4	Existing hygiene equipment to be removed and handed to CSIR technical services	Sum			
5	Allow for re- installation of hygiene equipment	Sum			
6	Site De- establishment (Allowance for making good, cleaning up and rubble removal)	Sum			
<b>B</b>	<b><u>DEMOLITION AND ALTERATION</u></b>				
	Hack off existing tiles and remove to spoil				
1	Floors	m <sup>2</sup>	13.0		
2	Walls	m <sup>2</sup>	15.0		
3	Remove the old doors	no	2.0		
4	Remove wooden door frames	no	2.0		
5	Remove existing passage window and frame	no	1.0		
6	Demolish the existing brick wall screen and make good	m <sup>3</sup>	1.0		
7	Demolish existing windows and make good.	no	2.0		
	<b><u>Remove all Sanitary fittings and remove to spoil</u></b>				
1	Water Closet (WC)	No.	2.0		
2	Urinals (UR)	No.	3.0		
3	Wash hand basin (WHB)	No.	1.0		
	<b><u>Remedial Works</u></b>				
	Make good of walls and floor with approved self-levelling screed to receive new tiles.				
1	Floors	m <sup>2</sup>	13.0		
2	Walls	m <sup>2</sup>	15.0		
<b>C</b>	<b><u>CARPENTRY AND JOINERY</u></b>				

1	<b>Cubicle doors:</b> Semi solid door Supply and install 813 x 2 032 x 44mm Thick semi solid flush panel door, complete with hinges, ironmongery. <b>Door handles</b> to be SS6G02TR-73SS. <b>Door locks</b> Assa Abloy 2226-78: upright lock (commercial grade) lock with thumb locks. Complete with door stops.	no.	3.0		
2	Supply and install new steel frames and make good	no.	2.0		
	<b>Bathroom entrance door:</b> Solid door				
1	Supply and install 813 x 2 032 x 44mm Thick solid door, complete with hinges, ironmongery. <b>Door handles:</b> to be UNION SS6SG02-44-09SS Seagull door handles. <b>Door locks:</b> UNION YL22EUS-SS-30 euro profile cylinder lock. <b>Cylinder:</b> union 2x18SC Euro profile double cylinder 66mm.				
2	<b>Door closer:</b> Assa Abloy DC860 HO Concealed door closer				
	<b>D CEILINGS AND PARTITIONS</b>				
1	Supply and install Armstrong fine fissured 600x600mm stock code AFF12LI lay in grid ceiling system laid on double stitched slotted tees at 600mm centres in colour white including necessary grids, locking type and clips. Ceiling perimeter to be finished using shadow line wall angles. Installation guide to be accordance to manufacturer's specification	m <sup>2</sup>	13.0		
	<b>E BRICKWORK</b>				
1	Brick up the window opening and make good	m <sup>2</sup>	2.0		
2	Allow for plastering on single bricked up window	m <sup>2</sup>	2.0		
3	Allow for single brickwork (privacy screen)	m <sup>2</sup>	5.0		
4	Allow for the single brick plaster	m <sup>2</sup>	5.0		
	<b>F TILING</b>				
	600 x 600mm Full Bodied Porcelain Tiles - dark Grey Colour Code BBF01. Fixed with Tal adhesive and flush pointed with Tal jointing compound (All tiling to be laid with 5mm maximum consistent joints between tiles) laid and sealant to Manufacturer's specification				
1	Floors	m <sup>2</sup>	13.0		
	600 x 600mm Glazed Porcelain Tiles - Light Grey Colour - Code BAW01 Fixed with Tal adhesive and flush pointed with Tal jointing compound (All tiling to be laid with 5mm maximum consistent joints between tile) laid and sealant to Manufacturer's specification				
2	Walls	m <sup>2</sup>	40.0		



	150x900 STONEBOX Black Ink (Accent tile) Fixed with Tal adhesive and flush pointed with Tal jointing compound (All tiling to be laid with 5mm maximum consistent joints between tiles) laid and sealant to Manufacturer's specification				
3	Cubicle walls, screen, splashback as per the elevation drawing.	m <sup>2</sup>	14.0		
	Aluminium strips				
4	19mm Transitional Aluminium strip (from tile to carpet)	m	1.0		
5	Aluminium strip along the tile edges	item	1.0		
<b>G</b>	<b><u>SANITARY FITTINGS</u></b>				
1	Vaal Sanitary ware Flat back Vitreous China Wall mounted Urinal including 38mm Chromium plated Domicial grating - Code 878720 and Chromium plated top inlet spreader – Code 854320, Flush Valve - Cobra FJ6000, Flush Pipe - Cobra FJT5.5, fixed onto two hanger brackets – Code 812720 <b>** Note Allow for all other fittings to replace a urinal including chrome P-trap to connect to existing service. (UR)</b>	No.	2.0		
2	Vaal Sanitary ware Concorde II CC Vitreous China close coupled suite – Code 773662, comprising of 90° outlet closed rim wash down pan with matching 6 litre cistern including fitments and Thermoset soft closed seat.(WC)	No.	2.0		
3	Vaal Sanitary ware Mini Weaver Vanity Basin – Tap to be Chrome self-closing mixing devise with hot water shut off and adjustable temperature limiter. <b>Note allow for all other fittings to replace a WHB including flexible pipes, trap to connect to existing services, (some other areas will replace with Vaal Mini Weaver - Code 706600</b>	No.	2.0		
4	30mm Thick Granite top with 45° Mitred joint, 2 – 3mm Bevel on surface edge, fixed to supports (elsewhere specified) using dab of 100% clear silicone adhesive at 200 – 300mm centres along attached supports with all joints filled with matching polyester resin glue, surface to be surface using an approved stone sealer, all in accordance with the Manufacture's recommendation, top of Granite to be min 825mm wide x 870mm high above floor level, 300mm down stand to cover service below vanity slab.	No.	1.0		
5	Inspect all existing pipes before connecting to new pipes, replace with new were necessary, written instruction has to be obtained from the Project Manager.	item	1.0		

	<b><u>Replacement of existing pipes:</u></b> Budgetary allowances are included for work which has not been fully designed. The work is to be executed as directed by the project manager. The work will be measured and priced at contract rates.				
6	Allow R 15 000.00 for the demolition of existing pipes, chasing new pipes, installation and connection of new pipes to existing and make good.	PSum	R15 000		
7	Test all pipes for water leaks and pressure	item	1.0		
<b>H</b>	<b><u>GLAZING</u></b>				
	<b><u>TOPS, SHELVES, DOORS, MIRRORS, ETC</u></b>				
1	GSA Smartglass™ Images Silvered float glass copper-free mirror fixed with capped screws directly to wall 1 500mm high and 900mm wide.	No.	1.0		
<b>I</b>	<b><u>PAINTWORK</u></b>				
	Prepare surfaces and remove all loose materials, make good with Rhinolite, apply one coat 'Plascon Merit Resistant Plaster Primer' (UC56), one coat 'Plascon Universal Undercoat' (UC1), and two coats 'Plascon Double Velvet Paint - (Colour - Amazon Mist)				
1	Walls	m <sup>2</sup>	10.0		
	Prepare surfaces and remove loose materials, stop, fill, sand down and prepare wood surface with Pink 'Plascon Wood Primer' and two coats 'Plascon Washable Double Velvet Paint - (Colour -Pentone 380)				
2	Doors	No	3.0		
	Prepare surfaces and remove all loose materials with Galv. Iron Cleaner (GIC), apply one coat 'Plascon Galvogrip Metal Primer,' one coat 'Plascon Universal Undercoat' and two coats 'Plascon Velvagio non-drip semi-gloss enamel paint - (Colour -Grey )				
3	Door Frames	No	3.0		
	<b><u>ALUMINIUM</u></b>				
	Supply and install aluminium windows including glazing and all accessories	No	2.0		
<b>J</b>	<b><u>ELECTRICAL WORKS</u></b>				
	Budgetary Allowances are included for work which has not been fully designed. The work is to be executed as directed by the project manager and will be measured and priced at Contract rates				

	Allow R 15 000.00 for all new electrical components including Light Fittings and plug points and cabling.	PSum	1.0	R15 000.00	R15 000.00
<b>SUBTOTAL S233 Total to be carried to summary page</b>					
<b>SECTION B: BUILDING 33 N148 BATHROOM REFURBISHMENT</b>					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b><u>DEMOLITION AND ALTERATION</u></b>					
	Hack off existing tiles and remove to spoil				
1	Floors	m <sup>2</sup>	15.0		
2	Walls	m <sup>2</sup>	50.0		
3	Remove the old doors	no	3.0		
4	Remove wooden door frames	no	2.0		
5	Demolish the existing brick wall screen and make good	m <sup>3</sup>	1.0		
6	Demolish existing windows and make good	no	2.0		
<b><u>Remove all Sanitary fittings and remove to spoil</u></b>					
1	Water Closet (WC)	No.	2.0		
2	Urinals (UR)	No.	2.0		
3	Wash hand basin (WHB)	No.	2.0		
<b><u>Remedial Works</u></b>					
	Make good of walls and floor with approved self-levelling screed to receive new tiles.				
1	Floors	m <sup>2</sup>	15.0		
2	Walls	m <sup>2</sup>	50.0		
<b>B <u>CARPENTRY AND JOINERY</u></b>					
<b><u>Cubicle doors:</u></b> Semi solid doors					
1	Supply and install 813 x 2 032 x 44mm Thick semi solid flush panel door, complete with hinges, ironmongery. <b>Door handles</b> to be SS6G02TR-73SS. <b>Door locks</b> Assa Abloy 2226-78: upright lock (commercial grade) lock with thumb locks. Complete with door stops.	no.	2.0		
2	Supply and install new steel frames and make good	no.	2.0		
<b><u>Bathroom entrance door:</u></b> Solid door					
1	Supply and install 813 x 2 032 x 44mm Thick solid door, complete with hinges, ironmongery. <b>Door handles:</b> to be UNION SS6SG02-44-09SS Seagull door handles. <b>Door locks:</b> UNION YL22EUS-SS-30 euro profile cylinder lock. <b>Cylinder:</b> union 2x18SC Euro profile double cylinder 66mm.	no.	1.0		

2	<b>Door closer:</b> Assa Abloy DC860 HO Concealed door closer	no.	1.0		
<b>C CEILINGS AND PARTITIONS</b>					
	Supply and install Armstrong fine fissured 600x600mm stock code AFF12LI lay in grid ceiling system laid on double stitched slotted tees at 600mm centres in color white including necessary grids, locking type and clips. Ceiling perimeter to be finished using shadow line wall angles. Installation guide to be accordance to manufacturer's specification	m <sup>2</sup>	15.0		
<b>D BRICKWORK</b>					
1	Allow for single brickwork (privacy screen)	m <sup>2</sup>	4.0		
2	Allow for the single brick plaster	m <sup>2</sup>	8.2		
<b>E TILING</b>					
	600 x 600mm Full Bodied Porcelain Tiles - dark Grey Colour Code BBF01. Fixed with Tal adhesive and flush pointed with Tal jointing compound (All tiling to be laid with 5mm maximum consistent joints between tiles) laid and sealant to Manufacturer's specification				
1	Floors	m <sup>2</sup>	15.0		
	600 x 600mm Glazed Porcelain Tiles - Light Grey Colour - Code BAW01 Fixed with Tal adhesive and flush pointed with Tal jointing compound (All tiling to be laid with 5mm maximum consistent joints between tile) laid and sealant to Manufacturer's specification				
2	Walls	m <sup>2</sup>	45.0		
	150x900 STONEBOX Black Ink (Accent tile) Fixed with Tal adhesive and flush pointed with Tal jointing compound (All tiling to be laid with 5mm maximum consistent joints between tiles) laid and sealant to Manufacturer's specification				
3	Cubicle walls, screen, splashback as per the elevation drawing.	m <sup>2</sup>	13.2		
	Aluminium strips				
4	19mm Transitional Aluminium strip (from tile to carpet)	m	1.0		
5	6. Aluminium strip along the tile edges	item	1.0		
<b>F SANITARY FITTINGS</b>					

1	Vaal Sanitary ware Flat back Vitreous China Wall mounted Urinal including 38mm Chromium plated Domical grating - Code 878720 and Chromium plated top inlet spreader – Code 854320, Flush Valve - Cobra FJ6000, Flush Pipe - Cobra FJT5.5, fixed onto two hanger brackets – Code 812720 <b>** Note Allow for all other fittings to replace urinals including chrome P-trap to connect to existing service. (UR)</b>	No.	2.0		
2	Vaal Sanitary ware Concorde II CC Vitreous China close coupled suite – Code 773662, comprising of 90° outlet closed rim wash down pan with matching 6 litre cistern including fitments and Thermoset soft closed seat.(WC)	No.	2.0		
3	Vaal Sanitary ware Mini Weaver Vanity Basin – Code 706601, Tap to be Chrome self-closing mixing devise with hot water shut off and adjustable temperature limiter. <b>Note allow for all other fittings to replace a WHB including flexible pipes, trap to connect to existing services, (some other areas will replace with Vaal Mini Weaver - Code 706600</b>	No.	2.0		
4	30mm Thick Granite top with 45° Mitred joint, 2 – 3mm Bevel on surface edge, fixed to supports (elsewhere specified) using dab of 100% clear silicone adhesive at 200 – 300mm centres along attached supports with all joints filled with matching polyester resin glue, surface to be surface using an approved stone sealer, all in accordance with the Manufacture's recommendation, top of Granite to be Min 825mm wide x 870mm high above floor level, 300mm down stand to cover service below vanity slab.	No.	1.0		
5	Inspect all existing pipes before connecting to new pipes, replace with new were necessary, written instruction has to be obtained from the Project Manager	item	1.0		
	<b><u>Replacement of existing pipes:</u></b> Budgetary allowances are included for work which has not been fully designed. The work is to be executed as directed by the project manager. The work will be measured ad priced at contract rates.				
6	Allow R 15 000.00 for the demolition of existing pipes, chasing new pipes, installation and connection of new pipes to existing and make good.	PSum	R15 000		
7	Test all pipes for water tight and pressure	item	1.0		
<b>G</b>	<b><u>GLAZING</u></b>				
	<b><u>TOPS, SHELVES, DOORS, MIRRORS, ETC</u></b>				
	GSA Smartglass™ Images Silvered float glass copper-free mirror fixed with capped screws directly to wall 1 500mm high and 900mm wide.	No.	1.0		

<b>H</b>	<b><u>PAINTWORK</u></b>				
	Prepare surfaces and remove all loose materials, make good with Rhinolite, apply one coat 'Plascon Merit Resistant Plaster Primer' (UC56), one coat 'Plascon Universal Undercoat' (UC1), and two coats 'Plascon Double Velvet Paint - (Colour - Amazon Mist)				
	Walls	m <sup>2</sup>	11.0		
	Prepare surfaces and remove loose materials, stop, fill, sand down and prepare wood surface with Pink 'Plascon Wood Primer' and two coats 'Plascon Washable Double Velvet Paint - (Colour -Pentone 380)				
	Doors	m <sup>2</sup>	3.0		
	Prepare surfaces and remove all loose materials with Galv. Iron Cleaner (GIC), apply one coat 'Plascon Galvogrip Metal Primer,' one coat 'Plascon Universal Undercoat' and two coats 'Plascon Velvagio non-drip semi-gloss enamel paint - (Colour -Grey )				
	Door Frames	No	3.0		
<b>I</b>	<b><u>ALUMINIUM</u></b>				
	Supply and install aluminium windows including glazing and all accessories	No	2.0		
<b>J</b>	<b><u>ELECTRICAL WORKS</u></b>				
	Budgetary Allowances are included for work which has not been fully designed. The work is to be executed as directed by the project manager and will be measured and priced at Contract rates.				
	Allow R 15 000.00 for all new electrical components including Light Fittings and plug points	P.Sum	1.0	R15 000.00	R15 000.00
<b>SUBTOTAL: N148 To be carried to Summary page</b>					
<b>SECTION C: BUILDING 8 N10 &amp; N11 BATHROOM REFURBISHMENT</b>					
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
<b>A</b>	<b><u>DEMOLITION AND ALTERATION</u></b>				
	Hack off existing tiles and remove to spoil				
1	Floors	m <sup>2</sup>	8.0		
2	Walls	m <sup>2</sup>	52.0		
3	Remove the old doors	no	2.0		
4	Demolish existing windows and make good	no	4.0		

	<b><u>Remove all Sanitary fittings and remove to spoil</u></b>				
1	Water Closet (WC)	No.	2.0		
2	Urinals (UR)	No.	1.0		
3	Wash hand basin (WHB)	No.	2.0		
	<b><u>Remedial Works</u></b>				
	Make good of walls and floor with approved self-levelling screed to receive new tiles.				
1	Floors	m <sup>2</sup>	8.0		
2	Walls	m <sup>2</sup>	52.0		
<b>B</b>	<b><u>CARPENTRY AND JOINERY</u></b>				
	<b><u>Cubicle doors:</u></b> Semi solid door.				
1	Supply and install 813 x 2 032 x 44mm Thick semi solid flush panel door, complete with hinges, ironmongery. <b>Door handles</b> to be SS6G02TR-73SS. <b>Door locks</b> Assa Abloy 2226-78: upright lock (commercial grade) lock with thumb locks. Complete with door stops.	no.	1.0		
	<b><u>Bathroom entrance door:</u></b> Solid door				
2	Supply and install 813 x 2 032 x 44mm Thick solid door, complete with hinges, ironmongery. <b>Door handles:</b> to be UNION SS6SG02-44-09SS Seagull door handles. <b>Door locks:</b> UNION YL22EUS-SS-30 euro profile cylinder lock. <b>Cylinder:</b> union 2x18SC Euro profile double cylinder 66mm.	no.	1.0		
3	<b>Door closer:</b> Assa Abloy DC860 HO Concealed door closer	no.	1.0		
<b>C</b>	<b><u>CEILINGS AND PARTITIONS</u></b>				
	Supply and install Armstrong fine fissured 600x600mm stock code AFF12LI lay in grid ceiling system laid on double stitched slotted tees at 600mm centres in colour white including necessary grids, locking type and clips. Ceiling perimeter to be finished using shadow line wall angles. Installation guide to be accordance to manufacturer's specification	m <sup>2</sup>	8.0		
<b>D</b>	<b><u>TILING</u></b>				
	600 x 600mm Full Bodied Porcelain Tiles - dark Grey Colour - Code BBF01. Fixed with Tal adhesive and flush pointed with Tal jointing compound (All tiling to be laid with 5mm maximum consistent joints between tiles) laid and sealant to Manufacturer's specification				
1	Floors	m <sup>2</sup>	8.0		

	600 x 600mm Glazed Porcelain Tiles - Light Grey Colour - Code BAW01 Fixed with Tal adhesive and flush pointed with Tal jointing compound (All tiling to be laid with 5mm maximum consistent joints between tile) laid and sealant to Manufacturer's specification				
2	Walls	m <sup>2</sup>	26.0		
	Douglas Jones 435 - 48 x 48 mm Mesh Backed Slate Mosaic Tile - Charcoal Black Colour - Code BAWM01 . Fixed with Tal adhesive and flush pointed with Tal jointing compound (All tiling to be laid with 5mm maximum consistent joints between tiles) laid and sealant to Manufacturer's specification				
3	Splashback ( <b>refer to drawing for detailed spec</b> )	m <sup>2</sup>	5.0		
4	Skirting ( <b>Refer to drawing for detailed spec</b> )	m	14.0		
5	19mm Transitional Aluminium strip (from new tile to existing)	m	1.7		
<b>E</b>	<b><u>SANITARY FITTINGS</u></b>				
1	Vaal Sanitary ware Concorde II CC Vitreous China close coupled suite – Code 773662, comprising of 90° outlet closed rim wash down pan with matching 6 litre cistern including fitments and Thermoset soft closed seat.(WC)	No.	1.0		
2	Vaal Sanitary ware Mini Weaver Vanity Basin – Code 706601, Tap to be Chrome self-closing mixing devise with hot water shut off and adjustable temperature limiter. <b>** Note allow for all other fittings to replace a WHB including flexible pipes, trap to connect to existing services.</b>	No.	1.0		
3	30mm Thick Granite top with 45° Mitred joint, 2 – 3mm Bevel on surface edge, fixed to supports (elsewhere specified) using dab of 100% clear silicone adhesive at 200 – 300mm centres along attached supports with all joints filled with matching polyester resin glue, surface to be surface using an approved stone sealer, all in accordance with the Manufacture's recommendation, top of Granite to be Min 825mm wide x 870mm high above floor level, 300mm down stand to cover service below vanity slab.	no	1.0		
4	Inspect all existing pipes before connecting to new pipes, replace with new were necessary, written instruction has to be obtained from the Project Manager	Item	1.0		
5	<b><u>Replacement of existing pipes:</u></b> Budgetary allowances are included for work which has not been fully designed. The work is to be executed as directed by the project manager. The work will be measured ad priced at contract rates.				



6	Allow R 15 000.00 for the demolition of existing pipes, chasing new pipes, installation and connection of new pipes to existing and make good.	PSum	R15 000		
7	Test all pipes for water tight and pressure	Sum	1.0		
	<b><u>Paraplegic ablution facility</u></b>				
4	Vaal Sanitary ware vitreous china "Pearl Paraplegic" semi-close coupled 90° outlet open rim wash down pan and matching 9 litre cistern complete with lid, fitments, and purpose made C.P. side-flush lever (left or right). Supplied with purpose made thermostet seat and cover plate. The suite is designed to flush effectively on 6 litres.	No.	1.0		
5	<b><u>ADDITIONAL REQUIREMENTS FOR PARAPLEGIC ABLUTION FACILITY</u></b>				
a)	Vaal Sanitary ware Hibiscus basin.	no	1.0		
b)	2x12 mm C.P. lever action pillar taps.	no	1.0		
c)	Universal Half Pedestal (code 715222).	no	1.0		
d)	32 mm stainless steel side grab rail (code DI2).	no	1.0		
e)	32 mm stainless steel rear grab rail around cistern (code SR2A).	no	1.0		
<b>F</b>	<b><u>GLAZING</u></b>				
	<b><u>TOPS, SHELVES, DOORS, MIRRORS, ETC</u></b>				
1	GSA Smartglass™ Images Silvered float glass copper-free mirror fixed with capped screws directly to wall 800mm high and 450mm wide.	No.	1.0		
2	GSA Smartglass™ Images Silvered float glass copper-free mirror fixed with capped screws directly to wall 1070mm high and 450mm wide.	No	1.0		
<b>G</b>	<b><u>PAINTWORK</u></b>				
	Prepare surfaces and remove all loose materials, make good with Rhinolite, apply one coat 'Plascon Merit Resistant Plaster Primer' (UC56), one coat 'Plascon Universal Undercoat' (UC1), and two coats 'Plascon Double Velvet Paint - (Colour - Amazon Mist)				
1	Walls	m <sup>2</sup>	15		
	Prepare surfaces and remove loose materials, stop, fill, sand down and prepare wood surface with Pink 'Plascon Wood Primer' and two coats 'Plascon Washable Double Velvet Paint - (Colour -Pentone 380)				
2	Doors	no	3		

	Prepare surfaces and remove all loose materials with Galv. Iron Cleaner (GIC), apply one coat 'Plascon Galvogrip Metal Primer,' one coat 'Plascon Universal Undercoat' and two coats 'Plascon Velvagio non-drip semi-gloss enamel paint - (Colour -Grey )				
3	Door Frames	No	3		
<b>H</b>	<b><u>ALUMINIUM</u></b>				
1	Supply and install aluminium windows including glazing and all accessories	No	4		
<b>I</b>	<b><u>ELECTRICAL WORKS</u></b>				
	Budgetary Allowances are included for work which has not been fully designed. The work is to be executed as directed by the project manager and be measured and priced at Contract rates.				
	Allow R 15 000.00 for all new electrical components including Light Fittings and plug points.	P.Sum	1.0	R15 000.00	R15 000.00
<b>SUBTOTAL N10 &amp; N11 To be carried to summary page</b>					

ITEM	DESCRIPTION	AMOUNT
<b>SECTION A</b>	<b><u>BUILDING 33 BATHROOM NO: S233</u></b>	
	Preliminary and General Items <b>(All bathrooms)</b>	
	Measured works	
	Provisional Sum	R 15 000.00
	<b><i>SUBTOTAL: S233</i></b>	
<b>SECTION B</b>	<b><u>BUILDING 33 BATHROOM NO: N148</u></b>	
	Measured works	
	Provisional Sum	R 15 000.00
	<b><i>SUBTOTAL: N148</i></b>	
<b>SECTION C</b>	<b><u>BUILDING 8 BATHROOM NO: N10 &amp; N11</u></b>	
	Measured works	
	Provisional Sum	R 15 000.00
	<b><i>SUBTOTAL: N10 &amp; N11</i></b>	
	<b><u>SUB-TOTAL (SECTION A,B&amp;C)</u></b>	
	10% Contingency	
	<b>Total Contract Sum Excl. VAT</b>	
	VAT 15%	
	<b>TOTAL Incl. VAT</b>	

**APPENDIX C – SBD 1 FORM (Form must be completed and submitted with the quotation)**