



REPLACEMENT OF EXISTING WALL FINISH ON LEVEL 5

Schedule A: P&G

Item No.	Payment Refers	Description	Unit	Qty	Rate	Amount
1	SABS 1200 A	SECTION: GENERAL				
1,1	8,3	FIXED-CHARGE AND VALUE-RELATED ITEMS				
1.1.1	8.3.1	Contractual requirements	Sum			
1.1.2	8.3.2	Establishment of facilities on the site	Sum			
1.1.2.1	8.3.2.1	Facilities for Engineer				
		(a) Furnished office (1 No.)	Sum			
		(b) Telephone	Sum			
		(c) Nameboards (2 No.)	Sum			
1.1.2.2	8.3.2.2	Facilities for Contractor				
		(a) Offices and storage sheds	Sum			
		(b) Workshops	Sum			
		(c) Laboratories	Sum			
		(e) Ablution and latrine facilities	Sum			
		(f) Tools and equipment	Sum			
		(g) Water supplies, electric power and communications	Sum			
		(i) Access	Sum			
		(j) Plant (designated plant, specifically identified)	Sum			
1.1.3	8.3.3	Other fixed-charge obligations	Sum			
1.1.4	8.3.4	Removal of site establishment	Sum			
	PSA 8.3.5	Provision of as-built drawings	Sum			
TOTAL CARRIED FORWARD					R	
TOTAL BROUGHT FORWARD					R	
1,2	8,4	TIME-RELATED ITEMS				
1.2.1	8.4.1	Contractual requirements	Sum			
1.2.2	8.4.2	Operation and maintenance of facilities on site, for duration of construction, except where otherwise stated	Sum			



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Item No.	Payment Refers	Description	Unit	Qty	Rate	Amount
1.2.2.1	8.4.2.1	Facilities for Engineer				
		(a) Furnished office (1 No.)	Sum			
		(c) Nameboards (2 No.)	Sum			
		(d) Survey assistants and materials	Sum			
1.2.2.2	8.4.2.2	Facilities for Contractor				
		(a) Offices and storage sheds	Sum			
		(b) Workshops	Sum			
		(c) Laboratories	Sum			
		(e) Ablution and latrine facilities	Sum			
		(f) Tools and equipment	Sum			
		(g) Water supplies, electric power and communications	Sum			
		(h) Dealing with water	Sum			
		(i) Access	Sum			
		(j) Plant (designated plant, specifically identified)	Sum			
1.2.3	8.4.3	Supervision for duration of construction	Sum			
1.2.4	8.4.4	Company and head office over-head costs for the duration of the contract	Sum			
1.2.5	8.4.5	Other time-related obligations	Sum			
TOTAL CARRIED FORWARD						R
TOTAL BROUGHT FORWARD						R
1,3	8,8	TEMPORARY WORKS				
1.3.2	8.8.2	Accommodation of traffic	Sum			
1.3.4	8.8.4	Existing services				
		(a) Supply or hire of specialist equipment for the detection of existing cables and pipelines on site (for verifications as may be directed by an Engineer)	Sum			
		(b) The use of equipment referred to in item (a) above	Sum			
		(c) Excavation by hand in soft material to expose services as directed by the Engineer	Daywork	10		



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Item No.	Payment Refers	Description	Unit	Qty	Rate	Amount
1.3.5	8.8.6	(d) Temporary protection of services as directed by the Engineer	Daywork	10		
		Special water control in terms of the Civil Technical Specification	Sum			
		Total amount excluding Value-Added Tax (VAT) to be carried to Summary of Price Schedules				
No	Payment refers	Description	Amount			
1,1		FIXED-CHARGE AND VALUE-RELATED ITEMS				
1,2		TIME-RELATED ITEMS				
1,3		TEMPORARY WORKS				
		Total amount excluding Value-Added Tax (VAT) to be carried to Summary of Price Schedules				

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Schedule B: ENVIRONMENTAL

Item No.	Payment Refers	Description	Unit	Qty	Rate	Total Amount
B.1	PSA 8.3.14	ENVIRONMENT				
1	9.1	Administrative requirements as per the approved EMPr. Submission and Maintenance of the Contractors environmental file based on RW's environmental file approval checklist.	Sum	1		
2	9.1.9	Emergency preparedness funding				
		a) Provision for bee, snake and other fauna removal	Sum	1		
		b) Provision for hydrocarbon spillages that require intervention from professional clean up provider				
		c) Provision to clean up sewage spillages				
		d) Equipment for fire fighting				
		e) Call out of fire department				
3	9.1.11	Environmental awareness and training				
		The rate for this item shall include costs for inductions and environmental awareness and training	Sum	1		
4	9.2	Social integration of the project to the public				
		The rate for this item shall include costs for establishment of construction campsite and working areas	Sum	1		
5	9.3	Establishment of site camp and works area.	Sum	1		
		Signage The rate for this item must cover all expenses incurred in preparing signage at the entrance of the site offices indicating the following information				
		· The contractor's contact numbers				
		· ECO details				
		· Emergency numbers and provision for: – snake removal, bee removal, fire, large hydrocarbon spillages, sewerage spillages				
		Identifying the PPE required before entering a specific area				
		Signage measuring a minimum of 30mmx30mm must also be made available for no go areas.				
		speed limits signage				
		no go area signage				
		marking of no go areas (topsoil and water courses)				
		Temporary fence for site camp for the duration of the construction period				
		Provision of demarcated eating area				
6		Barricading and demarcation	sum	1		
		a) Screening for unsightly works				
		b) Clear fencing and demarcating of the working foot print				
		c) Barricading and fencing of sensitive no go areas				
	9.4	Pollution prevention and preservation of environmental resources				

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Schedule B: ENVIRONMENTAL

Item No.	Payment Refers	Description	Unit	Qty	Rate	Total Amount
7		The rate for this item shall include costs for pollution prevention and preservation of environmental resources	sum	1		
		a) Cleaning the site of litter and rubble	sum	1		
		b) Weed control on site	sum	1		
		c) Labelled waste bins and receptacles that comply with the waste clauses of the Environmental specification.	sum	1		
		d) Provision of ablution facilities and servicing and safe disposal at a waste facility of ablution facilities	sum	1		
		e) Provision of water carts (twice a day or as per EMP)	sum	1		
		f) Appropriate skips for waste separation	sum	1		
		g) General waste Waste removal	sum	1		
		h) hazardous waste removal				
		i) Bunding facility for hazardous products	sum	1		
		j) Recycled waste management Waste removal	sum	1		
		k) Spillage kits to clean up spillages	sum	1		
		l) Hard impervious surfaces for storage of chemicals	sum	1		
		m) Labelled containers for decanting of liquids	sum	1		
		n) Drip trays for all vehicles staying on site over night	sum	1		
		o) Top soil preservation (top 30cm layer)	Sum	1		
8	9.5	Preservation of the environment: fauna ,flora, scenic value, Archaeological artefacts				
9		Erosion control and silt management The amount shall represent the costs associated with the practice of preventing or controlling wind or water erosion during construction. The erosion control measures must effectively prevent water pollution, soil loss, wildlife habitat loss and human property loss. The rate shall also include the costs of silt control where devices shall be designed to keep eroded soil on a construction site, so that it does not wash off and cause water pollution to a nearby stream, river, lake, or dam.	Lump Sum	1		
		construction of berms				
		Sediment control structures				
		Silt fences				
10		Final clean up and rehabilitation of the construction camp to the state in which it was prior to commencement of work	Sum	1		
11		Acquisition of the necessary permits and Licenses				
		Acquire a heritage permit (where applicable)	Sum	1		
		Acquire a Water Use License (where applicable)	Sum	1		
		Acquire an Environmental Authorization (where applicable)	Sum	1		
12		Acquire a Water Use License (where applicable)	Sum	1		
		Appointment of the contractor's environmental officer for the duration of the Project				
		Total amount carried forward to Schedule B Summary				
SCHEDULE B SUMMARY						

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Schedule C: OHS

Item No.	Payment Refers	Description	Unit	Qty	Rate	Total Amount
		SECTION C : OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENT				
C.1	PSA 8.11	OCCUPATIONAL HEALTH AND SAFETY				
C.1.1	2.4 & 2.5.	Preparation of the Contractor's site specific Health and Safety Plan	Sum	1		
C.1.2	3,2	Principal Contractor's initial obligations in respect of the Occupational Health and Safety Act and Construction Regulations	Sum	1		
C.1.3	4	Principal Contractor's time related obligations in respect of the Occupational Health and Safety Act and Construction Regulations	Month	xx		
C.1.4	10.d	Provision of Personal Protective Equipment (PPE)	Sum	1		
C.1.5	3.2.1	Provision of a full-time Construction Health and Safety Officer	Month	xx		
C.1.6	15	Cost of medical certificates and medical surveillance				
C.1.6.1	15	(a) Initial (baseline) medical examinations	Sum	1		
C.1.6.2	15	(b) Periodic and exit examinations	Sum	1		
C.1.6.3	15	(c) Exit examinations	Sum	1		
C.1.7	9,3	Induction training	Sum	1		
C.1.8	16	Provision of First Aid Boxes to GSR requirements and other emergency safety equipment such as fire extinguishers.	Sum	1		
C.1.9	24 C09	Transportation of Workers	Sum	1		
C.1.10	11	Welfare Facilities	Sum	1		
C.1.11	14	Occupational Hygiene Surveys	Sum	1		
C.1.12	10	Training	Sum	1		
C.1.13	Annexure 11.1 (Part B)	Security requirements including the security risk assessment (before site establishment)	Sum	1		
C.1.14	24 C14, 7	Employee wellness programs	Sum	1		
C.1.15	7	Drug and Alcohol Testing, Policies and Procedures	Sum	1		
C.1.16	Part B 10 k	Barricading	Sum	1		

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Schedule C: OHS

Item No.	Payment Refers	Description	Unit	Qty	Rate	Total Amount
C.1.17	Part B 10 a	Safety notices and signs	Sum	1		
C.1.18	8	SHE Incentives	Sum	1		
C.1.19	3.2.1 & 5C	COVID-19 Prevention and Management	Sum	1		
C.1.20	Part B 10n,6.6	Adequate ventilation and lighting during construction	Sum	1		
C.1.21	2,9	Submission of the Health and Safety File (hard and soft copies)	Sum	1		
Total amount carried forward to Schedule C Summary						
SCHEDULE C SUMMARY						
No	Payment	Description	Amount			
C.1		OCCUPATIONAL HEALTH AND SAFETY				
Total amount excluding Value-Added Tax (VAT) to be carried to Summary of Price Schedules						



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Schedule D: QUALITY

Item No.	Payment Refers	Description	Unit	Qty	Rate	Total Amount
D.1		Preparation and submission of Contractors Quality Management Plan (CQMP), for review and approval prior to commencement of works	lump sum	1		
D.2		Provision of Qualified Quality Officer (The contractor shall provide RW with relevant to the scope of work qualified Quality Officer)	Month	Contract Duration		
D.3		Maintenance of documents and final documentation for submission - Provision of Document controller	Month	Contract Duration		
D.4		Provision of Quality Officers relevant training (The contractor to provide related training for the quality officer)	Rate	1		
D.5		Provision of Compliance Audits (The contractor to audit the project once a year for the duration of the project)	Rate	Quartely for the duration of contract		
D.6		Testing Equipment calibration (The testing Equipments should be calibrated as per the manual)	Rate	Annually		
D.7		Provision of any other testing and inspections requested by the Engineer	Lump sum	1		
		Total amount carried forward				

SCHEDULE D SUMMARY

No	Payment	Description	Amount
D.1		QUALITY CONTROL AND QUALITY ASSURANCE	
		Total amount excluding Value-Added Tax (VAT) to be carried to Summary of Price Schedules	

Item No.	Payment Refers	Description	Unit	Qty	Rate	Total Amount
		Total amount carried forward to Schedule E Summary				
1		<p><u>SECTION 1 : ALTERATIONS</u></p> <p><u>Preambles</u> Tenderers are advised to study the applicable engineering and architectural drawings, specifications and the "Model Preambles for Trades" before pricing this bill</p> <p><u>Supplementary preambles</u></p> <p><u>Descriptions and preambles in other bills</u> Reference shall be made to other trades and preambles for preambles and full descriptions of items not fully described in this trade which shall apply equally to the work in this trade, unless otherwise described.</p> <p><u>General</u> The Tenderer is advised to visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for a compensation event in respect of the nature and extent of the work or of inferior or damaged materials will be entertained</p> <p>The attention of tenderers is drawn to the fact that unless otherwise stated loose furniture, kitchen equipment, apparatus, machinery, etc. is to remain the property of the Rand Water and does not fall within the scope of this contract.</p> <p>Tenderers are advised that parts of the existing buildings on the site, including the existing water supply and sanitary systems will be in use during the progress of the Works and any disconnections, etc. that may be necessary must be made as directed by the Project Manager and in such a manner as to cause the minimum of inconvenience to the occupants of the buildings</p> <p><u>Notices</u> Special care shall be exercised during the progress of the work to ensure that any electrical installations, water supply pipes, telephone and other services which may be encountered are not interfered with and notice shall be given to the Project Manager if any disconnection or alterations become necessary</p> <p><u>Old materials to become the property of the Contractor</u> Old materials from alterations, except where described to be re-used or handed over to the Project Manager, become the property of the Contractor</p> <p>Old materials from the alterations, except where described to be re-used or handed over to the Project Manager, as well as all rubbish, etc., must be regularly carted from site and not be allowed to accumulate on or around the site.</p> <p><u>Old materials not to be re-used</u> None of the old materials is to be used for new work except where specifically described as being set aside for re-use</p> <p><u>Handing over of materials</u> Where certain materials or articles from demolitions or alterations are described as to be handed over by the Contractor to the Project Manager such materials or articles shall be properly stored by the Contractor, until handing over thereof.</p> <p>The Contractor must obtain an official receipt listing the materials or articles and dates of handing over. If the Contractor fails to submit the receipt when requested, it shall be deemed that the materials or articles are still in his possession and he will be liable to the Chief Director for the full replacement value thereof, which amount will be deducted from any monies due to the Contractor</p>				

Item No.	Payment Refers	Description	Unit	Qty	Rate	Total Amount
		<u>Protection</u> In taking down and removing existing work the utmost care is to be observed to avoid any structural or other damage to the remaining portions of the building and the work is to be carried out in a workmanlike, practical and safe manner under the constant supervision of a competent foreman The contractor must also protect all work not removed such as walls, floors, doors, windows, or other joinery, loose and fixed fittings and electrical appliances, etc. from damage during the progress of the work and provide all necessary materials for doing so The Contractor will be held solely responsible for any damage to persons or property and for the safety of the structure throughout the whole of this contract and must make good at his own expense any damage that may occur. He shall allow for protecting and indemnifying persons using or passing through the existing buildings from injury and by necessary barriers, signs, etc <u>Making good damaged work</u> Making good at the junction of new and existing work shall include for piercing out, cutting through or removing short lengths of existing material, for supplying short lengths of new material and for jointing to match existing <u>Existing and adjoining buildings, etc.</u> In taking down and removing existing work the utmost care must be observed to avoid any structural or other damage to the remaining portions of the building or adjoining buildings, boundary walls, pavings, roadways, etc, and the Contractor shall provide all shoring, needling, strutting, etc, to ensure the stability of all structures during demolition or alteration work. The Contractor must cover up and protect from damage all work not removed and must make good at his own expense any damage that may occur <u>NOTE:</u> All sizes and dimensions stated herein are approximate and deemed only sufficient to identify the item of work concerned All new finishes are measured in the relevant trades for new work				
1.1		<u>TEMPORARY BARRIERS, SCREENS, ETC</u>				
1.1.1		<u>Temporary barriers, screens, etc including removal</u>				
1.1.1.1		Dust screen between concrete floor and ceiling formed of suitable timber framing with 375 micron polyethylene sheeting stapled on including corners, ends, etc	Sum	1		
1.2		<u>REMOVAL OF EXISTING WORK</u>				
		<u>Taking down and removing panelling, partitions, etc for preparation and re-installation and to receive new finish (measured elsewhere)</u>				
1.2.1		Wood panelling size 1200 x 2640mm , including timber grounds, beads, etc	no	81		
1.2.2		Removal of wooden panels 1070mm x 26400 including picture frame stand size 500mm x 500	no	10		
1.3		<u>PREPARATORY WORK TO EXISTING SURFACES</u>				

Item No.	Payment Refers	Description	Unit	Qty	Rate	Total Amount
1.3.1		Remove existing textured wall paper using steam from wall panels and make good the surface to receive new finish (Measured elsewhere)	m2	510		
		Total amount carried forward to Schedule E Summary				
2		<u>SECTION 3 : PLASTERING</u>				
		<u>Preambles</u> Tenderers are advised to study the applicable engineering and architectural drawings, specifications and the "Model Preambles for Trades" before pricing this bill				
2.1		<u>Ensure that that the previous finish (textured wall paper) is totally removed and not peeling off the surface. Apply two coats of Grippon plaster bonding liquid using a paint roller. Allowing it to dry between coats. While the second coat of plaster bonding liquid is still tacky and wet, apply gypsum plaster "Gyproc RhinoLite Multipurpose/Gyproc CreteStone" or simalare approved to a minimum thickness of 3mm polished to a smooth finish.</u>				
2.1.1		Gypsum plasterboard partitioning	m2	460		
2.1.2		Plastered walls	m2	50		
		Total amount carried forward to Schedule E Summary				
3		<u>SECTION 3 :PAINTWORK</u>				
		<u>Preambles</u> Tenderers are advised to study the applicable engineering and architectural drawings, specifications and the "Model Preambles for Trades" before pricing this bill				
		<u>PAINT SPECIFICATIONS</u> <u>All painting shall be done in accordance with "Plascon" or equally approved specifications</u>				
3.1		<u>PAINTWORK, ETC. TO NEW WORK</u> ON SMOOTH FINISHED GYPSUM PLASTER SURFACE <u>One coat alkaline resistant plaster primer and two coats superior acrylic PVA emulsion paint</u>				
3.1.1		Walls	m2	510		
3.2		<u>PAINTWORK, ETC. TO PREVIOUSLY PAINTED WORK</u> PREPARATORY WORK TO EXISTING WORK Previously painted wood surfaces <u>Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth</u>				
3.2		Sand down wood to a bare surface and apply two coats of clear matt varnish				
3.2.1		Doors	m2	132		
3.2.2		Door frames, etc	m2	38		

Schedule E: BUILDING WORKS

Item No.	Payment Refers	Description	Unit	Qty	Rate	Total Amount
3.2.3		Timber window sills	m	40		
3.2.4		Skirtings, rails, beadings, corner strips etc not exceeding 300mm girth	m	180		
Total amount carried forward to Schedule E Summary						
4		<u>SECTION 4 : PROVISIONAL SUMS</u>				
		<u>Preambles</u> Tenderers are advised to study the applicable engineering and architectural drawings, specifications and the "Model Preambles for Trades" before pricing this bill Works listed under the heading 'SPECIALIST SUB-CONTRACTORS' are works that will commence during the execution of various contracts and the contractor shall allow free access to the site for these specialist contractors. The contractor shall prepare a programme in conjunction with these sub-contractors in order to complete the works successfully. Payment to the specialist sub-contractor will be made via the contractor. The estimated value of these works will vary between the different contracts. However, the tenderer is to list his/her profit and attendance percentage in the rate column, if required				
4.1		<u>DECORATIVE / BRANDED GLASS PANELS</u>				
4.1.1		<u>For the supply, delivery and installation of glass panels by an approved sub contractor</u>	Item	1		
4.1.2		Allow for profit	Item	%		
4.1.3		Allow for attendance	Item	%		
4.1.4		For taking down and remoointing of wall rug/carpet to be deep cleaned by an approved specialist	Item	1		
		Allow for profit	Item	%		
		Allow for attendance	Item	%		
Total amount carried forward to Schedule E Summary						-

SCHEDULE E SUMMARY

No	Payment refers	Description	Amount
1			
2		SECTION 1 : ALTERATIONS	-
3		SECTION 3 : PLASTERING	-
4		SECTION 3 : PAINTWORK	-
5		SECTION 4 : PROVISIONAL SUMS	-
Total amount excluding Value-Added Tax (VAT) to be carried to Summary of Price Schedules			-

SUMMARY OF BILL OF QUANTITIES

SCHEDULE	DESCRIPTION	AMOUNT
A	Preliminary and General	
B	Environmental	
C	OHS	
D	Quality	
E	Building works	
SUB TOTAL A		
ADD 15% FOR VAT		
TOTAL		

Total Carried forward to the Form of Offer Page xx of xx of the Commercial Document