

ASH AND DUST PLANT MAINTENANCE PROJECT
PRICE SCHEDULE FOR THE MAINTENANCE OF DUST HANDLING
PLANT AT MPUMALANGA
KENDAL POWER STATION- PRICE SCHEDULE*

*Where the word "Bill Of Quantities" is used it shall mean Price Schedule

CONTRACT NUMBER :

CONTRACTOR :

CONTRACT AMOUNT :
(Excluding VAT)

AUTHORISED SIGNATORY NAME :

DESIGNATION :

AUTHORISED SIGNATURE : _____

DATE : _____

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Activity Schedule of Bill of Quantities

THE MAINTENANCE OF DUST HANDLING PLANT AT KENDAL, MPUMALANGA.

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NEC Term Services Contract	(Attachment)
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Page	Item				Unit	Quantity	Total Rate	Amount	CPA Formula	CPA Description
		<p>SECTION NO. 1: PRELIMINARIES</p> <p>BILL NO. 1: PRELIMINARIES</p> <p>MANAGEMENT OF CONTRACT</p> <p><u>Management fee, contract management and Programme for the Works, ETC</u></p> <p><u>The preliminaries and generals must be priced in accordance with NEC Short term contract services and must include all indirect associated cost not priced in the Schedule of Rates.</u></p> <p>Preliminaries and General Requirements</p> <p>Introduction and Scope: The Contractor shall provide an all-inclusive maintenance service for the Ash Handling (Dust Handling) Plant at Eskom's Kendal Power Station. This contract is intended to furnish the Contractor with all necessary information, requirements and support to ensure that the Dust Handling Plant and associated assets are maintained in good working condition . The scope of work includes troubleshooting and repairing all faults and defects in the ash handling and dust-transfer systems, maintaining all mechanical and hydraulic equipment, assisting with electrical and control/instrumentation maintenance, and performing all related administrative tasks . All services shall be executed as specified in the Employer's Works Information and this specification document.</p> <p>Health, Safety and Environmental Requirements: The Contractor shall comply with all applicable Safety, Health and Environmental (SHE) laws and Eskom SHEQ standards (for example, the Occupational Health and Safety Act No. 85 of 1993 and associated regulations) to achieve Eskom's goal of "zero harm" to employees, contractors, the public and the environment . The Contractor must prepare and maintain a site-specific Health and Safety Plan and SHE file that meet Eskom and legislative requirements . All work must follow Eskom's permit-to-work procedures and other SHE procedures on site.</p> <p>Maintenance Scope and Methods: Maintenance shall include planned, corrective, preventive, proactive and opportunity-based interventions on all relevant equipment and systems. The Contractor shall deploy a base maintenance crew on site to carry out routine and unscheduled (breakdown) work, and shall provide additional qualified staff as required during planned outages or high-demand periods. All maintenance work must be performed systematically, using Eskom-approved methods and tools.</p> <p>Personnel and Resources: The Contractor shall supply all qualified and competent personnel, tools and equipment (excluding spares) necessary to perform the work . Personnel must be certified and experienced in ash-handling maintenance. Eskom (the Employer) will provide routine spare parts; the Contractor shall supply all certified tools, testing equipment and consumables. The Contractor's on-site team must be led by experienced, qualified managers (for example a Site Manager, Safety Manager and supervisors) . All staff must understand Eskom's quality and operational standards, and adhere to the station's culture of excellence.</p> <p>Asset Management and Performance: The Contractor shall execute all maintenance in line with Eskom's maintenance policy and strategic objectives . Maintenance activities must aim to improve the reliability, availability and sustainability of Eskom assets. In particular, the Contractor's performance will be measured by improvements in Ash Plant availability, reliability and efficiency, with the goal of meeting or exceeding the station's key performance targets . All maintenance work shall conform to Eskom standards (including the Maintenance Effectiveness Assessment Standard) and feed into Eskom's asset management programmes .</p>								

Page	Item			Unit	Quantity	Total Rate	Amount	CPA Formula	CPA Description
	1	Preliminaries and General Requirements		Item	1		-		
		<u>Site Establishment: Allow for the mobilisation and establishment of all site facilities, including offices, welfare areas, storage, signage, and temporary services in accordance with Eskom site and SHEQ requirements. Ensure compliance with access control, risk assessment, and method statement approvals prior to commencement.</u>							
	2	Site Establishment		Item	1		-		
		<u>Transportation for Personnel, Equipment, Components and Supplies: Provide all necessary and safe transportation for personnel, equipment, tools, and supplies to and from Kendal Power Station. All vehicles shall comply with Eskom's transport standards and relevant road traffic legislation.</u>							
	3	Transportation for Personnel, Equipment, Components and Supplies		Item	1		-		
		<u>General Overheads: Allow for all general overheads including head office expenses, management, supervision, insurance, statutory obligations, bonds, guarantees, and administration not specifically covered elsewhere. Ensure full compliance with NEC3 TSC and Eskom contractual obligations.</u>							
	4	General Overheads		Item	1		-		
		<u>Temporary Storage: Provide and maintain suitable and secure temporary storage for tools, equipment, and materials in accordance with Eskom's safety, fire, and housekeeping standards. Ensure correct handling and storage of hazardous materials.</u>							
	5	Temporary Storage		Item	1		-		
		<u>Temporary Ablution Facilities: Provide and maintain adequate and hygienic ablution facilities for the Contractor's personnel in compliance with Eskom and occupational health requirements.</u>							
	6	Temporary Ablution Facilities		Item	1		-		
		<u>Temporary Offices: Provide, equip, and maintain temporary office accommodation for site management and supervision teams. Offices to include required furnishings, power, communication, and meet Eskom SHEQ and fire safety requirements.</u>							
	7	Temporary Offices		Item	1		-		
		<u>Communication Mediums: Provide and maintain effective communication systems (telephones, radios, emails, etc.) to facilitate coordination between the Contractor and Eskom representatives. Comply with Eskom ICT and information security standards.</u>							
	8	Communication Mediums		Item	1		-		
		<u>Plant and Equipment: Provide all required, certified, and well-maintained plant and equipment necessary for the execution of works (excluding Eskom-supplied items). Ensure all operators are trained and competent.</u>							
	9	Plant and Equipment		Item	1		-		

Page	Item			Unit	Quantity	Total Rate	Amount	CPA Formula	CPA Description
		<u>Site De-establishment: Upon completion of works, safely dismantle all temporary facilities, remove equipment and materials, and reinstate all areas to Eskom's satisfaction. Dispose of waste in accordance with Eskom environmental and waste management procedures.</u>							
	10	Site De - Establishment		Item	1		-		
Bill Total Carried To Sectional Summary							-		

Page	Item				Unit	Quantity	Total Rate	Amount	CPA Formula	CPA Description
		SECTION NO. 1: PRELIMINARIES								
		BILL NO. 1: PRELIMINARIES						-		
		TOTAL CARRIED TO FINAL SUMMARY						-		

Page	Item		No. of Personnel	Rate Buildup	Unit	Quantity	Total Rate	Amount	CPA Formula	CPA Description
		<p><u>SECTION NO. 2: ASH PLANT MAINTENANCE</u></p> <p>BILL NO.1 : CORE CREW (1ST SHIFT)</p> <p>SUPPLEMENTARY PREAMBLES</p> <p><u>1. General</u></p> <p>1.1 These preambles are issued to define the basis upon which the tenderer shall price the labour rates contained in the Pricing Schedule.</p> <p>1.2 The tenderer shall read these preambles in conjunction with the NEC3 Term Service Contract (April 2013 edition or as amended), the Scope, and all other tender documents forming part of the Contract.</p> <p>1.3 All labour rates shall be deemed to include for compliance with all relevant laws, regulations, standards, and statutory obligations applicable to the Works or Services.</p> <p><u>2. Basis of Labour Rates</u></p> <p><u>2.1 The labour rates shall be fully inclusive of all costs associated with the employment of personnel, including but not limited to:</u></p> <p>Basic wages and salaries; Allowances (including travel, subsistence, living away from home, or other applicable allowances); Statutory contributions such as PAYE, UIF, SDL, and pension/provident fund contributions; All insurances required by law or the Contract, including Workmen's Compensation and Public Liability insurance; Provision of standard tools and equipment normally associated with the trade or occupation; Overheads, profit, supervision, and administration; and All other incidental expenses necessary for the proper execution of the Services.</p> <p>2.2 The labour rates shall be exclusive of Value Added Tax (VAT), which shall be added separately in accordance with the requirements of the tender form.</p> <p>2.3 The rates shall be based on a normal working day of eight (8) hours, unless otherwise stated in the Scope.</p> <p>2.4 Overtime rates, where applicable, shall be stated separately and shall be calculated based on the relevant statutory or negotiated wage agreements.</p> <p><u>3. Classification of Labour</u></p> <p>3.1 The classifications of labour shall correspond to the recognised trades or categories defined in the Pricing Schedule (e.g., Artisan, Labourer, Supervisor, Foreman, Clerk, etc.).</p> <p>3.2 Each classification shall reflect the skill level, experience, and qualifications appropriate to the described role.</p> <p><u>4. Travel and Accommodation</u></p> <p>4.1 Unless otherwise specified, labour rates shall include for local travel to and from the place of work within a radius of approximately 40 km.</p>								

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	<p><u>5. Working Hours and Conditions</u></p> <p>5.1 Normal working hours shall be as stipulated in the Scope or in accordance with prevailing labour legislation.</p> <p>5.2 Rates shall include for all breaks, rest periods, and conditions of employment as per statutory and industry standards.</p> <p><u>6. Measurement and Payment</u></p> <p>6.1 Payment for labour shall be made based on the actual time spent on the Services, as recorded and approved by the Service Manager.</p> <p>6.2 The Service Manager's decision on time expended and classification of labour used shall be final and binding.</p> <p>6.3 No payment shall be made for idle time, delays, or interruptions caused by the Service Provider unless such delays are excusable under the Contract.</p> <p><u>7. Adjustments of Rates</u></p> <p>7.1 Labour rates shall remain fixed for the initial period stated in the Contract Data.</p> <p>7.2 Thereafter, adjustments to rates may be made in accordance with the price adjustment formula or mechanism stated in the Contract Data, typically linked to officially published indices such as the SEIFSA Indices (CPI).</p> <p><u>8. Safety and Compliance</u></p> <p>8.1 The tenderer shall include in all labour rates for compliance with all safety, health, and environmental requirements as specified in the Scope and in accordance with the Occupational Health and Safety Act and Regulations.</p> <p>8.2 The Service Provider shall provide all necessary Personal Protective Equipment (PPE) for their employees at their own cost.</p> <p><u>9. Temporary Works and Tools</u></p> <p>9.1 The cost of all temporary works, hand tools, and minor plant required by each labour category shall be included in the labour rates.</p> <p>9.2 Major plant and equipment, if required, shall be priced separately as provided for in the Pricing Schedule.</p> <p><u>10. General Obligations</u></p> <p>10.1 The tenderer shall ensure that all personnel engaged under these rates are competent and suitably qualified for the duties assigned.</p> <p>10.2 The tenderer shall maintain accurate daily records of labour employed, which shall be made available to the Service Manager upon request.</p> <p>10.3 The Tenderer acknowledges and agrees that the provision of manpower or personnel in the performance of this Contract shall not, under any circumstances, be construed as creating a contract of employment, agency, joint venture, or partnership between the Client and the Tenderer's personnel or any third party.</p>								

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	<p>10.4 All personnel engaged by the Tenderer in connection with this Contract shall remain the employees or agents of the Tenderer, who shall be solely responsible for all statutory obligations, including but not limited to salaries, wages, benefits, taxes, and compliance with applicable labour legislation.</p> <p>10.5 The Client (Eskom) shall have no liability whatsoever arising from or in connection with any claim by the Tenderer's personnel or any third party in respect of employment-related rights or entitlements.</p> <p><u>The total cost of remuneration per worker must not be paid lower than Government Gazetted rates and must include the following items.</u></p> <p>Core crew to be onsite 24/7 across the clock, working shifts</p> <p><u>Work to be done Shift 1-Qty (Day)</u></p>								

Ash Plant Maintenance

Page	Item		No. of Personnel	Rate Buildup	Unit	Quantity	Total Rate	Amount	CPA Formula	CPA Description
	1	Site Manager	1		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	2	Senior Mechanical Supervisor	1		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	3	Mechanical Supervisors	1		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	4	Quality controllers	1		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	5	Safety Officer	1		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	6	Mechanical Fitter	10		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	7	Boiler Makers	2		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	8	Welders	2		Monthly	60	-	-		

Ash Plant Maintenance

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		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	9	Riggers	1		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	10	Mechanical assistants	10		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	11	Site administrator	1		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	12	Storeman	1		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-	620					
		Avarage working days		21.00						
		Total Employee Cost / month		-						
								-		

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	<p>BILL NO.2 : CORE CREW (2ND SHIFT)</p> <p>SUPPLEMENTARY PREAMBLES</p> <p><u>Work to be done Shift 2-Qty (Afternoon)</u></p> <p>1. General</p> <p>1.1 These preambles are issued to define the basis upon which the tenderer shall price the labour rates contained in the Pricing Schedule.</p> <p>1.2 The tenderer shall read these preambles in conjunction with the NEC3 Term Service Contract (April 2013 edition or as amended), the Scope, and all other tender documents forming part of the Contract.</p> <p>1.3 All labour rates shall be deemed to include for compliance with all relevant laws, regulations, standards, and statutory obligations applicable to the Works or Services.</p> <p>2. Basis of Labour Rates</p> <p>2.1 The labour rates shall be fully inclusive of all costs associated with the employment of personnel, including but not limited to:</p> <p>Basic wages and salaries; Allowances (including travel, subsistence, living away from home, or other applicable allowances); Statutory contributions such as PAYE, UIF, SDL, and pension/provident fund contributions; All insurances required by law or the Contract, including Workmen's Compensation and Public Liability insurance; Provision of standard tools and equipment normally associated with the trade or occupation; Overheads, profit, supervision, and administration; and All other incidental expenses necessary for the proper execution of the Services.</p> <p>2.2 The labour rates shall be exclusive of Value Added Tax (VAT), which shall be added separately in accordance with the requirements of the tender form.</p> <p>2.3 The rates shall be based on a normal working day of eight (8) hours, unless otherwise stated in the Scope.</p> <p>2.4 Overtime rates, where applicable, shall be stated separately and shall be calculated based on the relevant statutory or negotiated wage agreements.</p> <p>3. Classification of Labour</p> <p>3.1 The classifications of labour shall correspond to the recognised trades or categories defined in the Pricing Schedule (e.g., Artisan, Labourer, Supervisor, Foreman, Clerk, etc.).</p> <p>3.2 Each classification shall reflect the skill level, experience, and qualifications appropriate to the described role.</p> <p>4. Travel and Accommodation</p> <p>4.1 Unless otherwise specified, labour rates shall include for local travel to and from the place of work within a radius of approximately 40 km.</p>								

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	13	Site Manager			Monthly	0	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Average working days		21.00						
		Total Employee Cost / month		-						
	14	Senior Mechanical Supervisor			Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Average working days		21.00						
		Total Employee Cost / month		-						
	15	Mechanical Supervisors	1		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Average working days		21.00						
		Total Employee Cost / month		-						
	16	Quality controllers	1		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Average working days		21.00						
		Total Employee Cost / month		-						
	17	Safety Officer	1		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Average working days		21.00						
		Total Employee Cost / month		-						
	18	Mechanical Fitter	10		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Average working days		21.00						
		Total Employee Cost / month		-						

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	19	Boiler Makers	2		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	20	Welders	2		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	21	Riggers	1		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	22	Mechanical assistants	10		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	23	Site administrator			Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	24	Storeman			Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-	620					
		Avarage working days		21.00						
		Total Employee Cost / month		-						
								-		

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	<p>BILL NO.3 : CORE CREW (3RD SHIFT)</p> <p>SUPPLEMENTARY PREAMBLES</p> <p><u>Work to be done Shift 3-Qty (Night)</u></p> <p><u>1. General</u></p> <p><u>1.1 These preambles are issued to define the basis upon which the tenderer shall price the labour rates contained in the Pricing Schedule.</u></p> <p><u>1.2 The tenderer shall read these preambles in conjunction with the NEC3 Term Service Contract (April 2013 edition or as amended), the Scope, and all other tender documents forming part of the Contract.</u></p> <p><u>1.3 All labour rates shall be deemed to include for compliance with all relevant laws, regulations, standards, and statutory obligations applicable to the Works or Services.</u></p> <p><u>2. Basis of Labour Rates</u></p> <p><u>2.1 The labour rates shall be fully inclusive of all costs associated with the employment of personnel, including but not limited to:</u></p> <p>Basic wages and salaries; Allowances (including travel, subsistence, living away from home, or other applicable allowances); Statutory contributions such as PAYE, UIF, SDL, and pension/provident fund contributions; All insurances required by law or the Contract, including Workmen's Compensation and Public Liability insurance; Provision of standard tools and equipment normally associated with the trade or occupation; Overheads, profit, supervision, and administration; and All other incidental expenses necessary for the proper execution of the Services.</p> <p>2.2 The labour rates shall be exclusive of Value Added Tax (VAT), which shall be added separately in accordance with the requirements of the tender form.</p> <p>2.3 The rates shall be based on a normal working day of eight (8) hours, unless otherwise stated in the Scope.</p> <p>2.4 Overtime rates, where applicable, shall be stated separately and shall be calculated based on the relevant statutory or negotiated wage agreements.</p> <p><u>3. Classification of Labour</u></p> <p>3.1 The classifications of labour shall correspond to the recognised trades or categories defined in the Pricing Schedule (e.g., Artisan, Labourer, Supervisor, Foreman, Clerk, etc.).</p> <p>3.2 Each classification shall reflect the skill level, experience, and qualifications appropriate to the described role.</p> <p><u>4. Travel and Accommodation</u></p> <p>4.1 Unless otherwise specified, labour rates shall include for local travel to and from the place of work within a radius of 40 km.</p>								

Page	Item	No. of Personnel	Rate Buildup	Unit	Quantity	Total Rate	Amount	CPA Formula	CPA Description
	<p><u>5. Working Hours and Conditions</u></p> <p>5.1 Normal working hours shall be as stipulated in the Scope or in accordance with prevailing labour legislation.</p> <p>5.2 Rates shall include for all breaks, rest periods, and conditions of employment as per statutory and industry standards.</p> <p><u>6. Measurement and Payment</u></p> <p>6.1 Payment for labour shall be made based on the actual time spent on the Services, as recorded and approved by the Service Manager.</p> <p>6.2 The Service Manager's decision on time expended and classification of labour used shall be final and binding.</p> <p>6.3 No payment shall be made for idle time, delays, or interruptions caused by the Service Provider unless such delays are excusable under the Contract.</p> <p><u>7. Adjustments of Rates</u></p> <p>7.1 Labour rates shall remain fixed for the initial period stated in the Contract Data.</p> <p>7.2 Thereafter, adjustments to rates may be made in accordance with the price adjustment formula or mechanism stated in the Contract Data, typically linked to officially published indices such as the SEIFSA Indices (CPI).</p> <p><u>8. Safety and Compliance</u></p> <p>8.1 The tenderer shall include in all labour rates for compliance with all safety, health, and environmental requirements as specified in the Scope and in accordance with the Occupational Health and Safety Act and Regulations.</p> <p>8.2 The Service Provider shall provide all necessary Personal Protective Equipment (PPE) for their employees at their own cost.</p> <p><u>9. Temporary Works and Tools</u></p> <p>9.1 The cost of all temporary works, hand tools, and minor plant required by each labour category shall be included in the labour rates.</p> <p>9.2 Major plant and equipment, if required, shall be priced separately as provided for in the Pricing Schedule.</p>								

Page	Item	No. of Personnel	Rate Buildup	Unit	Quantity	Total Rate	Amount	CPA Formula	CPA Description
	<p>10. General Obligations</p> <p>10.1 The tenderer shall ensure that all personnel engaged under these rates are competent and suitably qualified for the duties assigned.</p> <p>10.2 The tenderer shall maintain accurate daily records of labour employed, which shall be made available to the Service Manager upon request.</p> <p>10.3 The Tenderer acknowledges and agrees that the provision of manpower or personnel in the performance of this Contract shall not, under any circumstances, be construed as creating a contract of employment, agency, joint venture, or partnership between the Client and the Tenderer's personnel or any third party.</p> <p>10.4 All personnel engaged by the Tenderer in connection with this Contract shall remain the employees or agents of the Tenderer, who shall be solely responsible for all statutory obligations, including but not limited to salaries, wages, benefits, taxes, and compliance with applicable labour legislation.</p> <p>10.5 The Client (Eskom) shall have no liability whatsoever arising from or in connection with any claim by the Tenderer's personnel or any third party in respect of employment-related rights or entitlements.</p> <p>Work to be done Shift 3-Qty (Night)</p>								
	25	Site Manager		Monthly	0	-	-		
		Total Employee Cost per hour	-						
		Normal working hours	8.00						
		Total Employee Cost per day	-						
		Avarage working days	21.00						
		Total Employee Cost / month	-						
	26	Senior Mechanical Supervisor		Monthly	60	-	-		
		Total Employee Cost per hour	-						
		Normal working hours	8.00						
		Total Employee Cost per day	-						
		Avarage working days	21.00						
		Total Employee Cost / month	-						
	27	Mechanical Supervisors	2	Monthly	60	-	-		
		Total Employee Cost per hour	-						
		Normal working hours	8.00						
		Total Employee Cost per day	-						
		Avarage working days	21.00						
		Total Employee Cost / month	-						
	28	Quality controllers	1	Monthly	60	-	-		
		Total Employee Cost per hour	-						
		Normal working hours	8.00						
		Total Employee Cost per day	-						
		Avarage working days	21.00						
		Total Employee Cost / month	-						
	29	Safety Officer	1	Monthly	60	-	-		

Ash Plant Maintenance

Page	Item		No. of Personnel	Rate Buildup	Unit	Quantity	Total Rate	Amount	CPA Formula	CPA Description
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	30	Mechanical Fitter	10		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	31	Boiler Makers	2		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	32	Welders	2		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	33	Riggers	1		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	34	Mechanical assistants	10		Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	35	Site administrator			Monthly	60	-	-		
		Total Employee Cost per hour		-						
		Normal working hours		8.00						
		Total Employee Cost per day		-						
		Avarage working days		21.00						
		Total Employee Cost / month		-						
	36	Storeman			Monthly	60	-	-		
		Total Employee Cost per hour		-						

Page	Item	No. of Personnel	Rate Buildup	Unit	Quantity	Total Rate	Amount	CPA Formula	CPA Description
			Normal working hours Total Employee Cost per day Average working days Total Employee Cost / month			8.00 - 21.00 -	620		
							-		
	<p>BILL NO.4 : TOOLS AND EQUIPMENT</p> <p>SUPPLEMENTARY PREAMBLES</p> <p><u>Work to be done Shift 3-Qty (Night)</u></p> <p>1. General</p> <p>1.1 These preambles are issued to define the basis upon which the tenderer shall price the required tools rates contained in the Pricing Schedule.</p> <p>1.2 The tenderer shall read these preambles in conjunction with the NEC3 Term Service Contract (April 2013 edition or as amended), the Scope, and all other tender documents forming part of the Contract.</p> <p>1.3 All rates shall be deemed to include for compliance with all relevant laws, regulations, standards, and statutory obligations applicable to the Works or Services.</p> <p><u>The list of the tools requirements includes the following as a minimum but is not limited to:</u></p>								
	37		Complete toolbox for each artisan	No	30	-	-		
	38		Pneumatic / Electric impact tools	Item	1	-	-		
	39		Calibrated clocking gauges	Item	1	-	-		
	40		Calibrated Torque wrenches	Item	1	-	-		
	41		Bearing pullers and wrenches (Different sizes)	Item	1	-	-		
	42		Certified measuring equipment (Feeler gauge, Vernier, Micrometre etc)	Item	1	-	-		
	43		Rigging tools and equipment (Chain blocks, slings and 20T winch)	Item	1	-	-		
	44		Supply and Use of Boiler-making tools if required to address the defects on the system. This may include CO2 or Arch Welding equipment, Gas cutting and brazing etc.	Item	1	-	-		
	45		Supply and Use of a 380V/220V generator and lights for the use of tools to address defects in the plant and anytime of the day	Item	1	-	-		
	46		* Huck Bolt Machine. * Hydraulic pullers and jacks.	Item	1	-	-		

Ash Plant Maintenance

Page	Item	No. of Personnel	Rate Buildup	Unit	Quantity	Total Rate	Amount	CPA Formula	CPA Description
							-		

Page	Item	No. of Personel	Rate Buildup	Unit	Quantity	Total Rate	Amount	CPA Formula	CPA Description
	SECTION NO. 2: ASH PLANT MAINTENANCE								
	BILL NO.1 : CORE CREW (1ST SHIFT)						-		
	BILL NO.2 : CORE CREW (2ND SHIFT)						-		
	BILL NO.3 : CORE CREW (3RD SHIFT)						-		
	BILL NO.4 : TOOLS AND EQUIPMENT						-		
	TOTAL CARRIED TO FINAL SUMMARY						-		

PRESCRIBED INDICES

Note :

It is important that these indices are considered with the requirements in Document T2.1b-1

Table 1: Prescribed Local Index List

Labour	Commodities	Processed material	Transport	Others
Labour general SEIFSA, C3, Actual Labour Costs, Hourly-Paid Employees	Steel StatsSA P0142.1 Table 2 - PPI for intermediate manufactured goods Basic iron and steel (*Variable Name: PPD35100).	Mechanical Engineering Material SEIFSA, G, Mechanical Engineering Materials	SEIFSA, L2, Road Freight Costs	Consumer Price Index StasSA, P0141 Table A – Consumer Price Index: Main indices All items(CPI Headline) (*Variable Name: CPS 00000) OR SEIFSA D Consumer Price Index (CPI)
	Copper SEIFSA, F, Copper Metric Ton	Electrical Engineering Material SEIFSA, G, Electrical Engineering Materials		
Labour general SEIFSA, C3 (a), Actual Labour Cost (field force) where subsistence allowance is paid	Aluminium SEIFSA, R,			Production Price Index (PPI) StasSA P0142.1, Table A – Key figures – **Final manufactured goods (*Variable Name PPC3000)

			or – **Intermediate manufactured goods (*Variable Name PPD3000) OR SEIFSA,, Table U – **Final Manufactured Goods or – **Intermediate Manufactured Goods
	Zinc SEIFSA, F, Zinc	Building and Construction Material SEIFSA, G, Building and Construction Materials	
	Lead SEIFSA ,F, Lead		

*The Variable Numbers are indicate above for ease of finding the appropriate indices in the web pages of StatsSA’s “Inter Active Data” (e.g. index

**The use of Final or Intermediate Manufactured Goods depends on the nature of the cost component in the CPA formula

: figures in Excel files)

