

ERWAT

CONTRACT NO: ERW2211/01

THE APPOINTMENT OF CONTRACTORS FOR THE CONSTRUCTION, UPGRADING, REFURBISHMENT, EXTENSION AND DECOMMISSIONING OF NEW AND EXISTING ERWAT INFRASTRUCTURE ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF THIRTY-SIX (36 NO.) MONTHS

ITEM NO	PAYMENT	DESCRIPTION	UNIT	RATE FOR PROJECT VALUE LESS OR EQUAL TO R20,000,000,00	RATE FOR VALUE HIGHER THAN R20,000,000 BUT LESS OR EQUAL TO R40,000,000,00	RATE FOR VALUE HIGHER THAN R40,000,000 BUT LESS OR EQUAL TO R60,000,000,00
A.1	SANS 1200A	SCHEDULE A: PRELIMINARY GENERAL				
	8,3	FIXED CHARGED ITEMS				
A.1.1	8.3.1	Contractual Requirements	Sum			
	8.3.2	ESTABLISH FACILITIES ON THE SITE				
	8.3.2.1	FACILITIES FOR THE ENGINEER				
A.1.2	PSAB 3.1	Name board	No.			
A.1.3	PSAB 3.2	Offices: 3 furnished rooms with telephones and 2 name-boards	Sum			
A.1.4	PSAB 4.1	telephone	Sum			
A.1.5		Provision for survey equipment	Sum			
	8.3.2.2	FACILITIES FOR CONTRACTOR				
A.1.6		office and storage sheds	Sum			
A.1.7		workshops	Sum			
A.1.8		laboratories	Sum			
A.1.9		ablution and toilet facilities	Sum			
A.1.10		tools and equipment	Sum			
A.1.11		water supply, eclectic power and communications	Sum			
A.1.12	PSA 5.5	dealing with water	Sum			
A.1.13		access	Sum			
A.1.14		other fixed charged obligations(specify)	Sum			
		.....				
		.....				
		.....				
A.1.16		remove engineer's and contractor's site establishment on completion of contract	Sum			

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<b>A.2</b>	<b>8,4</b>	<b>TIME RELATED ITEMS</b>				
A.2.1	8.4.1	contractual requirements	Sum			
	8.4.2	OPERATION AND MAINTENANCE OF FACILITIES ON SITE FOR DURATION OF CONSTRUCTION				
	8.4.2.1	FACILITIES FOR ENGINEER				
A.2.2	PSAB 3.1	name board	Sum			
A.2.3	PSAB 3.2	engineer's office and facilities	Sum			
A.2.4	PSAB 4.1	telephone	Prov Sum	R 12 000,00	R 12 000,00	R 12 000,00
A.2.5		contractor's mark up on Item A.2.4	%			
	8.4.2.2	FACILITIES FOR CONTRACTOR FOR THE DURATION OF CONSTRUCTION				
A.2.6		offices and storage sheds	Sum			
A.2.7		workshops	Sum			
A.2.8		laboratories	Sum			
A.2.9		ablution and toilet facilities	Sum			
A.2.10		tools and equipment	Sum			
A.2.11		water supply, electric power and communications	Sum			
A.2.12	PSA 5.5	dealing with water (sub clause 5.5)	Sum			
A.2.13		access	Sum			
A.2.14		supervision for duration of construction	Sum			
A.2.15	8.4.4	company and head office overhead costs for the duration of the contract	Sum			
A.2.16	8.4.5	other time related obligations (specify)	Sum			
		.....				
		.....				
		.....				

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A.6	PSA 8.9	<b>OCCUPATIONAL HEALTH AND SAFETY MEASURES REQUIREMENTS TO BE MET BY CONTRACTOR</b>				
A.6.1	PSA 8.9.1	Cost of health and safety measures required in terms of the Construction Regulations (2003) of the Occupational Health and Safety act	Sum			
A.6.2	PSA 8.9.2	Compilation and maintenance of a Health and Safety Plan, including Risk Assessments, Safe Work Procedures and Method Statements	Sum			
A.6.3	PSA 8.9.3	Compilation and maintenance of a Health and Safety File	Sum			
A.6.4	PS 10 Appendix C	<b>OCCUPATIONAL HEALTH AND SAFETY MEASURES</b>  <b>SPECIAL REQUIREMENTS FOR THE APPOINTED HEALTH &amp; SAFETY AGENT FOR THE PROJECT</b>				
A.6.5	PS 10.8	a) Notification of Construction Work  Notification of Construction work to the Provincial Director as requested by the Engineer under the Construction Regulations (Regulation 3) of the Occupational Health and Safety Act NO. 85 of 1993	Prov Sum			
		b) Contractor's handling costs, profit and other charges on item above	%			
A.6.6	PS 10.5	a) Health & Safety Plan  Setting up a job and site specific Health and Safety Plan by the Engineer's approved representative as requested by the Engineer under the Construction Regulations (Regulation 5) of the Occupational Health and Safety Act NO. 85 of 1993	Prov Sum	R 4 500,00	R 4 500,00	R 4 500,00
		b) Contractor's handling costs, profit and other charges on item above	%			

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A.6.7	PS 10.7.1	<p>a) Health &amp; Safety Main File</p> <p>Setting up a job and site specific Health and Safety Main File requested by the Engineer under the Construction Regulations (Regulation 5) of the Occupational Health and Safety Act NO. 85 of 1993 Engineer's approved representative to be appointed by Contractor.</p> <p>The File to include the following:  Copy of H&amp;S Act  Proof of registration with COID Insurer  Notification of construction work  Mandatory Agreement  H&amp;S Specifications provided by client  Copy of tender document, drawings etc  Company Safety Policy to be signed by CEO  Company organogramme with respect to H&amp;S on specific site  Letters of appointment for specific site  List of subcontractors  Evacuation plan  Risk assessments and method statements  Safe work procedures and material safety data sheets  Fall protection plan  Incident recordings  Medical records  Minutes of H&amp;S meetings</p>	Prov Sum	R 14 500,00	R 14 500,00	R 14 500,00
		b) Contractor's handling costs, profit and other charges on item above	%			
A.6.8	PS 10.7.2	<p>a) Health &amp; Safety Register File</p> <p>Setting up a job and site specific Health and Safety Register File requested by the Engineer under the Construction Regulations (Regulation 5) of the Occupational Health and Safety Act NO. 85 of 1993.</p> <p>The file shall be a lever arch file with original colour document of acceptable standards including dividers  <b>NOT TO BE REMOVED FROM SITE</b>  Engineer's approved representative to be appointed by Contractor</p>	Prov Sum	R 7 500,00	R 7 500,00	R 7 500,00
		b) Contractor's handling costs, profit and other charges on item above	%			

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A.6.11	PS 10.35	a) Training On-Site  Appointment of a competent H&S Representative to perform H&S duties on site Apointtee to be permanently on site and under supervision of Contractor's Site Supervisor Appointment to be for the duration of the contract Induction training of all workers of Principal Contractor Induction training of all workers of Sub Contractors Public awareness training Toolbox talks on environmental awareness First aid awareness Fire fighting awareness HIV training - 7 units Tool box talks on hand tools and hand tool accidents Tool box talks on machine guarding Tool box talks on lifting materials by hand Tool box talks on safe loading Tool box talks on safety signs Tool box talks on ten commandments of safety Community training Allow for a monthly salary as required by law for the duration of the project	Sum			
A.6.12		a) Accredited Training Of-Site  Appointment of a competent person to perform accredited training off site. Engineer's approved representative to be appointed by Contractor. Training shall include the following: Training on construction vehicles and mobile plant of operators of machinery First Aid Level 1 Fire fighting Level 1 SHE Representative Certificate	Prov Sum	R 48 000,00	R 48 000,00	R 48 000,00
		b) Contractor's handling costs, profit and other charges on item above	%			
A.6.13	PS 10.25	First Aid Equipment				
		a) First Aid Box	No.			
		b) First Aid Boxes for Sub Contractors	No.			

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A.6.14	PS 10.26	c) Stretcher	No.			
		Fire Fighting Equipment				
		a) Fire Extinguishers	No.			
		b) Fire Extinguishers for Sub Contractors	No.			
A.6.15	PS 10.37	c) Fire Extinguishers Test Certificates	No.			
		Personnel Protective Equipment (PPE)				
		a) Hard Hats	Sum			
		b) Safety Shoes	Sum			
		c) Dust Masks	Sum			
		d) Safety Goggles	Sum			
		e) Gum Boots	Sum			
		f) Overhauls	Sum			
A.6.16	PS10.27	Chemical Toilets				
		Allow for chemical toilets on site as required by the specification				
		a) For Male Workers	No.			
		b) For Female Workers	No.			
A.6.17	PS10.7	Eating Facilities				
		Allow for eating facilities on site in the form of a at least a shaded net, table and chairs	No.			
A.6.18	PS 10.16	Signs				
		Allow for sign boards to be displayed on site as required				
		a) Safety Management Information (SMI) Board	No.			
		b) No Entry Signs	No.			
		c) First Aid Sign	No.			
		d) Fire Equipment Signs	No.			

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<b>A.7</b>	<b>PSA 8.10 C3.5.5.1to3</b>	<b>ENVIRONMENTAL MANAGEMENT PLAN</b>				
A.7.1	PSA 8.10.1 C3.5.5.1to3	Cost of the Envrionemental Management Plan (EMP) required in terms of the Environmental Management Act (Act No.107,1998)	Sum			
A.7.2	PSA 8.10.2/ C3.5.5.1to3	Compliance and maintenance of the Environmental Management Plan (EMP) required in terms of the Environmental Management Act (Act No.107,1998)	Sum			
<b>A.8</b>		<b>TRAINING</b>				
A.8.1		Training allowance paid to targeted labour in terms of formal training	Prov Sum	R 200 000,00	R 200 000,00	R 200 000,00
A.8.2		extra over for the administration of payment of training allowances to targeted labour	%			
A.8.3		Transport and accommodation of workers for training where it is not possible to undertake the training in close proximity to the site	Prov Sum	R 30 000,00	R 30 000,00	R 30 000,00
A.8.2		extra over for the transport & accommodation for training at locations	%			
<b>A.9</b>		<b>TEMPORARY CONNECTIONS FOR SEWER LINE (PHASE 1)</b>				
A.9.1	PSA8.11.1	a) Allow for temporary inlet connection from the "Old" Sewage Works after the degritter into the Main Sewer Line at nearest manhole. Make allowance for the decommissioning of this connection once the new permanent sewer connection is made into the main sump at the inlet works of the "Old" Works.	Sum			
A.9.2	PSA8.11.2	b) Allow for temporary bypass of the Inlet Works straight to the Biological Reactor for the Phase 1 operation of the project. Make allowance for the decommissioning of this bypass when the Phase 2 Inlet Works will be built.	Sum			

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