



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

CHIEF DIRECTORATE

INFRASTRUCTURE DEVELOPMENT

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ADDENDUM

TO: IQHOLO BOILER MAINTENANCE BOILER INDUSTRIAL PLANT ELECTRO MECH DATA SIMEP POWER NQABELA PROJECTS	FROM: MR L DLAMINI PROJECT LEADER INFRASTRUCTURE DEVELOPMENT
Cc: MS J SOOKRAJ ASSISTANT DIRECTOR DEMAND : INFRASTRUCTURE	
<u>SUBJECT : ADDENDUM TO GREY'S HOSPITAL REPLACEMENT OF STEAM DEPENDENT EQUIPMENT (ZNB 5155/2023-H)</u>	

Dear All

Please find the addendum to the above mentioned project, emanating from the site meeting held on 07 August 2023 at Grey's Hospital.

You are notified of the changes made on:

1. Mandatory Technical Criteria T2.29
(See Attached)
2. Functionality Criteria (T2.36)
(See Attached)
3. Bill of Quantities
(See Attached)

You are requested to note affect these changes before the closing date.

Yours in service delivery

Lunga Dlamini

T2.29 MANDATORY TECHNICAL CRITERIA

The following section contains the Mandatory Technical requirements for this bid and may include but is not limited to equipment/plant requirements, personnel requirements, minimum level of experience, professionals required, certifications required, minimum financial requirements, etc. Should the tenderer fail any of the criteria in T2.29, the tender will be deemed non-responsive and will be excluded from further evaluation. This evaluation forms part of Stage 1.

T2.29 Mandatory Technical Criteria

Successful tenderers must pass all technical criteria as set out below. If below table is blank then Mandatory Technical Criteria is not applicable on this tender.

	Criteria	Deliverable Required	Deliverable meets Criteria (YES / NO) (FOR USE BY EVALUATION COMMITTEE)	Comments (FOR USE BY EVALUATION COMMITTEE)
	Compliant installations	Provision of a Wireman's Licence		
	Demonstrate knowledge and understanding of the scope of works.	Provision of a detailed Method Statement for all the works, providing inter alia the installation procedure of hot water tanks, heat pumps and electric pots. The method statement shall also detail steam termination procedure, quality control and commissioning process		

T2.36 - Functionality Criteria

The threshold score, below which tenderers are eliminated from further consideration is 65 points

TENDER EVALUATION CRITERIA AND SCORING

The weighting for Functionality is as follows:

Evaluation Criteria	Deliverables	Points	Sub-Points	Sub-Criteria
1	Proof of working capital in the form of a stamped bank statement from any banking institution not older than 3 months	30 Points	30 Sub-points	Provision of a stamped bank statement indicating a balance of not less than R1 000 000.00
			0 Sub-points	No submission provided or balance below the minimum required sum
2.	Tenderer to demonstrate their technical competency, human resource capacity and relevant project experience. Letters of award to be attached and practical completion certificate for completed projects in the preceding 5 years	35 Points	35 Sub-points	Schedule of experience on 3 projects of almost similar scope(2x Installation of Heat Pumps and 1x Installation of Kitchen Equipment). The sum of the 3 projects must not be less than R1 000 000.00 – letters of award/Purchase Orders and corresponding practical completion certificates to be attached for projects completed in the preceding 5 years.
			20 Sub-points	Schedule of experience on 2 projects of almost similar scope(1x Installation of Heat Pumps and 1x Installation of Kitchen Equipment). The sum of the 2 projects must not be less than R1 000 000.00 – letters of award/Purchase Orders and corresponding practical completion certificates to be attached for projects completed in the preceding 5 years.

10	Sub-points	Schedule of experience on 1 project of almost similar scope(1x Installation of Heat Pumps or 1x Installation of Kitchen Equipment). The sum of the project must not be less than R1 000 000.00 – letters of award/Purchase Orders and corresponding practical completion certificates to be attached for projects completed in the preceding 5 years.
0	Sub-points	No relevant experience in projects of similar value and scope or requested documents not provided

3.	Tenderer to submit a detailed project organogram that sets out the roles and responsibilities of each proposed team member, which is backed up by their curriculum vitae that demonstrates extensive experience	35 Points	10 Sub-points	Submission of a detailed organogram detailing technical key resources , forming part of the project along with their responsibilities.
			10 Sub-points	Provision of an NQF level 6 or higher, qualification in Occupational Health and Safety coupled with a comprehensive Cv with traceable references , demonstrating a minimum of 2 years experience, post qualification in construction sites.
			5 Sub-points	Provision of a Fitting Trade Test Certificate coupled with comprehensive Cv with traceable references of the afore mentioned Artisan demonstrating a minimum of 5 years experience post qualification experience
			5 Sub-points	Provision of a Plumbing Trade Test Certificate coupled with comprehensive Cv with traceable references of the afore mentioned Artisan demonstrating a minimum of 5 years experience post qualification experience
			5 Sub-points	Provision of a Electrical Trade Test Certificate coupled with comprehensive Cv with traceable references of the afore mentioned Artisan demonstrating a minimum of 5 years experience post qualification experience
			0 Sub-points	No submission provided or submission does not comply with requirements stated

TENDER EVALUATION CRITERIA AND SCORING PRICE AND SPECIFIC GOALS

Evaluation Criteria	Deliverables	Points
Price	The lowest responsive and responsible priced offer shall be allocated 80 points. All other responsive and responsible offers shall be allocated a prorated point value based on the lowest responsive and responsible priced offer.	80 Points
Specific Goals	The points allocated to each tenderer for Specific Goals. In this regard, the points score for this criteria for each tenderer, shall be determined as follows: - full points(20 points) to companies who are at least 51% Owned by Black People	20 Points

Item No	Description	Unit	Qty	Rate	Amount
1	BILL NO. 1				
	<u>MECHANICAL WORKS</u>				
	SECTION NO 1				
	<u>PREAMBLES FOR TRADES</u>				
	The Model Preambles for Trades (2008 edition) as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained				
	Supplementary preambles are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles shall take precedence over the provisions of the said Model Preambles				
	The contractor's prices for all items throughout these bills of quantities must take account of and include for all of the obligations, requirements and specifications given in the said Model Preambles and in any supplementary preambles				
	Where brand or trade names are referred to in this bill of quantities, these shall indicate the quality and type of material or fitting required and no substitution of material or fitting required and no substitution of materials so specified will be permitted for tender purposes. Approval must be obtained from the principal agent for other material of equal quality before Tender Clising.				
	Bidder is referred to KwaZulu Natal Department of Health Policy Document For the Design of Mechanical Installations.				
	<u>Hot Water</u>				
1.1	Removal of Existing Hot Water Tanks				
1.1.1	Disconnect all services from tanks to be replaced:				
	▪ Electricity supply	Item	15	R	R
	▪ Steam supply	Item	15	R	R
	▪ Condensate Return line	Item	15	R	R
	▪ Water supply	Item	15	R	R
	Demolish concrete plinth in the maternity and main plant room	Item	2	R	R
1.1.2	Shut off Steam to the identified hot water plant rooms and disassemble old hot water tanks and remove from the plant rooms to the designated area	Item	15	R	R

1.1.3	Prepare the plant rooms to suit new hot water tanks	Item	15	R	R
1.2	New Hot Water Tanks				
	Supply , deliver and Install 1800L Hot Water Tanks	Item	9	R	R
	Supply , deliver and Install 1000L Hot Water Tanks	Item	2	R	R
	Supply , deliver and Install 2500L Hot Water Tanks	Item	2	R	R
	Supply , deliver and Install 5500L Hot Water Tanks	Item	2	R	R
	Hot water storage tanks shall be of the vertical type. The tank shall be manufactured from a 6mm mild steel, and the dish ends must be 8mm mild steel.				
	The vessel shall be internally treated with at least three coats of epoxy and externally painted with a primer and two coats.				
	The vessel shall be insulated with 50mm thick mineral wool lagging and covered with 0.8mm thick stainless steel cladding				
	The vessel must be fitted with a manhole, kept intact by nuts and bolts.				
	The vessel must be fitted with a safety valve on top.				
	The vessel must be fitted with a name plate				

1.2.1	Re-connect all existing services to new equipment							
	▪ Electricity supply	Item	15	R				R
	▪ Water supply	Item	15	R				R
	▪ Other ancillary equipment	Item	15	R				R
1.3	New Heat Pumps							
1.3.1	Supply, deliver and Install 27.3Kw Commercial Heat Pump	Item	9	R				R
1.3.2	Supply,deliver and Install Grundfoss CM 10-2 Primary Circulation Pump	Item	9	R				R
1.3.3	Supply, deliver and Install 15.17 Kw Commercial Heat Pump	Item	2	R				R
1.3.4	Supply,deliver and Install Grundfoss CM 5-2 Primary Circulation Pump	Item	2	R				R
1.3.5	Supply, deliver and Install 39.2 Kw Commercial Heat Pump	Item	2	R				R
1.3.6	Supply,deliver and Install Grundfoss CM10-2 Primary Circulation Pump	Item	2	R				R
1.3.7	Supply, deliver and Install 83.0 Kw Commercial Heat Pump	Item	2	R				R
1.3.8	Supply, deliver and Install Grundfoss CR15-2 Primary Circulation Pump	Item	2	R				R
1.3.9	Heat Pumps are to be :							
	Mounted on a concrete plinth							
	Secured in a lockable wire mesh cage and metal sheeting shelter . Allow for 1.5 metres around the plinth for ease of maintenance and 2 metres high .							
1.4.	Connect all services to the new equipment	Item	15	R				R
	▪ Electrical supply	Item	15	R				R
	▪ Other ancillary equipment							
1.5	Commissioning and Optimisation							
	Commission and Optimize the newly installed equipment to efficiently work as an integrated system.	Item	15	R				R

1.6	Training						
	Provide training to maintenance personnel		Item	1	R		R
1.7	Deliverables						
	Provide:						
1.7.1	1-Year Maintenance for both scheduled & unscheduled works (to cover the 12 month retention period)		Item	1	R		R
1.7.2	Operating and maintenance manuals in English (1 soft copy and 3 hard copies)		Item	1	R		R
1.7.3	An Electrical Certificate of Compliance		Item	1	R		R
	Carried to summary page						R

Item No	Description	Unit	Qty	Rate	Amount
2	SECTION NO. 2 PREAMBLES FOR TRADES				
	The Model Preambles for Trades (2008 edition) as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained				
	Supplementary preambles are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles shall take precedence over the provisions of the said Model Preambles				
	The contractor's prices for all items throughout these bills of quantities must take account of and include for all of the obligations, requirements and specifications given in the said Model Preambles and in any supplementary preambles				
	Where brand or trade names are referred to in this bill of quantities, these shall indicate the quality and type of material or fitting required and no substitution of material or fitting required and no substitution of materials so specified will be permitted for tender purposes. Approval must be obtained from the principal agent for other material of equal quality before Tender Clising.				
	Bidder is referred to KwaZulu Natal Department of Health Policy Document For the Design of Mechanical Installations.				
	Kitchen Pots				
2.1	Removal of existing steam pots				
2.1.1	Disconnect all services from equipment to be replaced:	Item	9	R	R
	▪ Steam supply	Item	9	R	R
	▪ Condensate Return line				
2.1.3	Prepare space to suit the installation of new electric pots.	Item	9	R	R
2.2	New Electrical Pots				
2.2.1	Supply, deliver and install stainless steel 250L electric cooking pots	Item	7	R	R
2.2.3	Supply, deliver and install stainless steel 50L electric vegetarian pots	Item	2	R	R
2.2.4	Re-connect all existing services to new equipment				
	▪ Electricity supply	Item	9	R	R
	▪ Other ancillary equipment	Item	9	R	R

2.3	Commissioning and Optimization								
	Commission and Optimize the newly installed electric pots		Item	9	R				R
2.4	Training								
	Provide training to kitchen and maintenance personnel		Item	1	R				R
2.5	Deliverables								
	Provide:								
2.5.1	1-Year Maintenance for both scheduled & unscheduled works (to cover the 12 month retention period)		Item	1	R				R
2.5.2	Operating and maintenance manuals in English (1 soft copy and 3 hard copies)		Item	1	R				R
2.5.3	An Electrical Certificate of Compliance		Item	1	R				R
	Carried to summary page								R

Item No	Description	Unit	Qty	Rate	Amount
3	SECTION NO. 3				
	PREAMBLES FOR TRADES				
	The Model Preambles for Trades (2008 edition) as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained				
	Supplementary preambles are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles shall take precedence over the provisions of the said Model Preambles				
	The contractor's prices for all items throughout these bills of quantities must take account of and include for all of the obligations, requirements and specifications given in the said Model Preambles and in any supplementary preambles				
	Where brand or trade names are referred to in this bill of quantities, these shall indicate the quality and type of material or fitting required and no substitution of material or fitting required and no substitution of materials so specified will be permitted for tender purposes. Approval must be obtained from the principal agent for other material of equal quality before Tender Clising.				
	Bidder is referred to KwaZulu Natal Department of Health Policy Document For the Design of Mechanical Installations .				
	Swimming Pool				
3.1.	Disconnect all services from swimming pool	Item	1	R	R
	▪ Steam supply	Item	1	R	R
	▪ Other ancillary equipment				
	Supply , deliver and Install 83.42Kw Commercial Heat Pump	Item	1	R	R
3.3	Connect all services to the new equipment	Item	1	R	R
	▪ Electrical supply	Item	1	R	R
	▪ Other ancillary equipment				
3.4	Commissioning and Optimisation				
	Commission and Optimize the newly installed heat pump to efficiently work as an integrated system.	Item	1	R	R
3.5	Training				

	Provide training to maintenance personnel	Item	1	R	R
3.6	Deliverables				
	Provide:				
3.6.1	1-Year Maintenance for both scheduled & unscheduled works (to cover the 12 month retention period)	Item	1	R	R
3.6.2	Operating and maintenance manuals in English (1 soft copy and 3 hard copies)	Item	1	R	R
3.6.3	An Electrical Certificate of Compliance	Item	1	R	R
	Carried to summary page				

Item No	Description	Amount
1	BILL 1-SECTION NO. 1: SUPPLY INSTALL AND COMMISSION X15 HOT WATER TANKS AND HEAT PUMPS	#REF!
2	BILL 1-SECTION NO. 2 SUPPLY INSTALL AND COMMISSION X6 ELECTRIC POTS	R
3	BILL 1-SECTION NO. 3 SUPPLY INSTALL AND COMMISSION X1 HEAT PUMP FOR HEATED POOL	R
		R
	SUB-TOTAL 1	R
	ADD	15% VAT R
	GRAND TOTAL	R