



KENYATTA NATIONAL HOSPITAL
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Ref: KNH/SCM/ADM.43

Date: 17th April, 2023

RE: ADDENDUM TO TENDER NO: KNH/T/37/2023-2024 - SUPPLY AND DELIVERY OF REFRIGERATION SPARES

TO: ALL BIDDERS

Pursuant to the Public Procurement and Asset Disposal Act 2015 section 75, its attendant Regulations 2020 and Clause 7 on Amendment of Tender Documents, the Hospital wishes to make the following amendments/clarifications;

1. PRICE SCHEDULE:

The price schedules for Main Hospital and Private Wing have been **expunged and replaced** by;

MAIN HOSPITAL

ITEM NO.	ITEM DESCRIPTION	UNIT OF ISSUE	QTY	UNIT PRICE	TOTAL COST	REMARKS
1.	BITZER III cold room compressor capacity of not less than 3.0 KW or more	No.	2			

2	<p>COLD ROOM EVAPORATOR FAN MOTOR, AS WOODS FAN MOTOR- OR EQUAL AND APPROVED Complete with: blades, mounting bolts and guard. To conform to BS 848 Performance standards, class F protection. - AS PER Ratings,:</p>					
	(i) 150W 380/420V 1400rpm 50HZ, Ref. 188543/57E C/W blades 400mm diameter	No.	2			
	(ii) 95W 240V or 415V 1350rpm 50HZ, C/W blades 350mm diameter	No.	2			
	(ii) 60W 240V 1350rpm 50HZ, C/W blades 300mm diameter	No.	2			
	(iii) 60W 240V 1350rpm 50HZ C/W blades 250mm diameter.	No.	3			
3	<p>i) 8" Adjustable pipe wrench (Stanley or Record)</p> <p>ii) 14" Adjustable pipe wrench (Stanley or Records)</p> <p>iii) 24" Adjustable pipe wrench (Stanley or Records)</p>	No	5			
4	PVC electrical insulation tape 0.13mmx18x20 flame retardant : red no.5, black no.5 and yellow no.5 and Green no.5	No.	20			

5	R-134A REFRIGERANT GAS - in 13.5kg Maxron Type -disposable cylinder .. OR Equivalent Approved.	No.	4			
6	R404A REFRIGERANT GAS in 10.9kg.As Maxron Type -disposable cylinder .. OR Equivalent Approved	No.	5			
7	R410A REFRIGERANT GAS in 10.6kg.As Maxron Type -disposable cylinder .. OR Equivalent Approved .	No.	3			
8	R407A REFRIGERANT GAS in 10.6kg. As Maxron Type -disposable cylinder .. OR Equivalent Approved .	No.	3			
9	25W 230V Soldering kit	No	5			
10	LITTLE GIANT FILTER DRIER - ¼” size	No.	20			
11	Portable blow-MAPP gas (Methylacetylene propadiene)-Net weight - 14.1oz/400gm,cylinder full to capacity	No.	15			
12	COLDROOM DEFROST TIMER SWITCH - 1-24hr as Legrand type 24hr. or equivalent approved	No.	10			
13	GAS CHARGING SERVICE VALVES - ¼’ size	No.	40			
14	Induction Motor 3phs,catco uk,415V,3.39AMPS,3HP ,1390 RPM ,50HZ Complete with pulley and blade	No	2			
15	Induction motor 3phs,Catco UK,415V,3.39AMPS,2HP ,1390RPM,50HZ Complete with	No	2			

	pulley and blade					
16	No-frost defrost timer switch - 240V, 1-24HRS	No.	10			
17	COPPER TO COPPER BRAZING RODS	PKT	10			
18	Soldering kit 25w,230v (Stanley)	No.	5			
19	i)Hepa filter classe M7XN4 efficiency F7epm1 60%,Air Flow 1700m3/h 115pa,Size mm:287x592x292 (as the sample) ii)Size mm:592x592x292	No. No.	5 5			
20	HERMETICALLY SEALED COMPRESSOR AS DANFOSS OR EQUIVALENT APPROVED, complete with its relays& overload - as per ratings: (i) -1/8hp 240V 50HZ R134a..... (ii) -1/6hp 240V50HZ R134a..... (iv) -1/5hp 240V50HZ R134a..... (vi)3/4hp 240V 50HZ R134A (vii) -1/4hp 240V 50HZ R134a	No. No. No. No.	5 5 5 5			

21	(viii)1/3hp 240V 50HZ R134A	No	5			
	9Pcs1/2" DR.80mm L Hex Head bit socket set	No	5			
22	REPAIRE EXISTING 2NO. CENTRAL AIR CONDITIONING SYSTEM AT TRAUMA THEATERS , INSTALL, TEST AND COMMISSION:					
	<ul style="list-style-type: none"> -3HP Compressor 2no, -contactors 4no,relays4no, - overloads4no, -Hapa filters 592mm*592mm*292mm-6No and -pre-filters 6No. Repair, -Recharge with R 404A gas and service -Hepa filter classe M7XN4 efficiency F7epm1 60%, Air Flow 1700m3/h 115pa, Size mm:287x592x292 (as the sample) -Size mm:592x592x292 	lot	2			
<u>CONDITIONS</u>						
<ol style="list-style-type: none"> 1. Bidders must be licensed mechanical engineering firms specializing in ventilation and air conditioning. 2. Bidder must attach NCA 5 and above registration certificate for mechanical engineering HVAC9(Attach the certificates) 						

	<p>3. Bidders must attach practice license catalogues intended placement for evaluation</p> <p>4. Equipment to be ISO 9001/CE certified.</p> <p>5. Bidders must show proof of having carried out similar works.</p> <p>. The above conditions apply for all installation works only.</p>					
23	CONDENSOR FAN MOTORS 60w, 240v 1400rpm complete with stands and blades, IP 55 Protection Insulation Class-F.	No.	10			
24	COLD ROOM DUAL PRESSURE SWITCH -Danfoss Model .,L/S-0-100 ..H/S ..100-400psi Or Equal	No.	6			
25	COLD ROOM FILTER, DRIER ½"X1/2" connection R404A/R22/R410A	No.	5			
26	COLD ROOM FILTER DRIER 3/8'x3/8" connection R22/R404A/R410A	No.	5			
27		No.	5			
	THERMOSTATIC EXPANSION VALVE - 3/8"X1/2' (9.4x13.5mm - TE X2 and complete with equalizer ¼" R404A as Danfoss type or equal approved.	No.	5			
28	2.5mm TWE CU cable 100m roll as EA cable	No	2			
29	Electricians Workshop Safety Gumboots-black with steel toe, heat,oil,fire resistant, high voltage rated; sizes-7-2no,8-1no,9-2no and 10-1no	No	6			
30	Control panel complete with contactor, overload, relay, face failure light	No	4			

	indicators(3Phase 4kw cold room machines)				
31	Electricians Workshop Safety Boots : Steel Toe, Heat, Oil ,Fire Retardant, High Voltage Rated. SIZES: 6-1no.,7-1no., 8-3no.,9-2no., 10- 1no.	Pairs	6		
32	Complete Workshop tool kit with cantilever tool box of 132pcs-spanner&socket sets, screwdrivers etc (Draper ,kennedy or Stanley) as per the sample	No.	2		
33	(1) SUPPLY, DELIVER, INSTALL,TEST AND COMMISSION- FAREWELL HOME EXTRACT FAN MOTORS COMPLETE Supply and Install Extract fan of "Sodeca - Model CJBX/AL 14/14 - 400MM or similar of equal or better quality and approved with an air flow capacity of 2.6m ³ /Sec @ 250Pa. Power:- 3KW/415V/50Hz. Include in the rates for supply and installation of anti-vibration mountings, fan attenuator as "FlanktWoods" and flexible duct connectors.	No.	4		
	CONTROL PANEL complete with timer to facilitate 24/7 control of the fan and wiring from panel to the fan isolator at a maximum distance of 5metres and Nursing desk distance of 25metres.with Voltage indicator, Amps, ON/OFF, each fan with overload , power protection control circuit	No.	2		
34	VC I SINGLE DOOR FRIDGE THERMOSTAT - 240v 5amp.	No.	10		
35	Cordless Compact Drill driver SFC 22-A22 Volts No load RPM; GEAR 1: 600 RPM; gear 2; 1800RPM.No. of gears: 2Torque increments: 15. Bit Sizes 1.5mm-10mm.(as	No.	4		

	Makita, Draper or Bosch)or equivalent approved					
36	MWP600Psi/175` F, DRY&WET-Side class size- 3/8”	No.	10			
37	Cold room temperature gauge +ve 15°C to -15°C as Danfoss type or equal and	No.	10			
38	COLD ROOM DIGITAL THERMOSTAT - as DANFOSS TYPE 240V 6amp, -ve 15°C to +15°C range or equal and approved	No.	10			
39	Medical refrigerator Digital thermostat double probe type	No.	10			
40	Fridge Guard 13 AMPS 240V as solateck model OR EQUAL APPROVED	No. No.	10			
41	Voltshield-AVS 13 Appliance Guard 13 AMPS 240V as solateck model OR EQUAL APPROVED	No	5			
42	COLD ROOM DUAL PRESSURE SWITCH -Danfoss Model .,L/S-0-100 ..H/S ..100-400psi Or Equal	No	10			
43	(i)40A-Telemecanique 240V AC Contactor (ii)Overload protector range/rating from 9-13, 32A iii) 32A 4pole 3phese 240v Contactor Telemecanique or ABB	No No. No.	10 10 15			
44	Supply & installation of split air conditioner CEILING CASSETE TYPE cooling capacity 24,000 BTU/HR- LG Model	No.	1			
45	Supply & installation of split air conditioner WALL MOUNTED TYPE cooling capacity 24,000 BTU/HR - LG Model	No.				

46			1				
		No.	1				
47	Supply & installation of split air conditioner WALL MOUNTED TYPE cooling capacity 36,000 BTU/HR- Model - LG						
	Supply and installation of split air conditioner ducted type ,cooling capacity 45,000BTU to 55,000BTU	LOT	1				
	GRAND TOTAL						

PRIVATE WING

ITEM NO.	ITEM DESCRIPTION	UNIT OF ISSUE	QTY	UNIT PRIC E	TOTAL COST	REMARK S
1.	Supply ,install, test and commission reciprocating BITZER III cold room compressor and condensing unit complete capacity of not less than 3.0 KW or more	No.	1			
2	COLD ROOM EVAPORATOR FAN MOTOR, AS WOODS FAN MOTOR- OR EQUAL AND APPROVED Complete with: blades, mounting bolts and guard. To conform to BS 848 Performance standards, class F protection. - AS PER Ratings,; (iv) 60W 240V 1350rpm 50HZ, C/W blades 300mm diameter	No.	2			

	(v) 60w 240V 1350rpm 50HZ C/W blades 250mm diameter.	No.	3				
3	Supply & installation of split air conditioner CEILING CASSETE TYPE cooling capacity 24,000 BTU/HR- LG Model	No.	1				
	Supply & installation of split air conditioner WALL MOUNTED TYPE cooling capacity 24,000 BTU/HR - LG Model	No.	1				
4		No.	2				
5	R-134A REFRIGERANT GAS - in 13.5kg Maxron Type -disposable cylinder .. OR Equivalent Approved.	No.	2				
6	R404A REFRIGERANT GAS in 10.9kg.As Maxron Type -disposable cylinder .. OR Equivalent Approved	No.	2				
7	LITTLE GIANT FILTER DRIER - ¼” size	No.	10				
8	COPPER TO COPPER BRAZING RODS	PTS	3				
9	HERMETICALLY SEALED COMPRESSOR AS DANFOSS OR EQUIVALENT APPROVED, complete with its relays& overload -						
	as per ratings:	No.	3				
	(i) -1/6hp 240V 50HZ R134a.....	No.	2				
	(ii) -1/4hp 240V50HZ R134a.....	No.	2				

Please note that the tender closing date remains as earlier communicated i.e. 27th April 2023 at 10:00am East African time.



Rose M. Njoroge (Mrs), OGW.

FOR: CHIEF EXECUTIVE OFFICER