



ADDENDUM NO. 1: LDPWRI-BM/20070_APPOINTMENT OF FRAMEWORK CONTRACTOR FOR SUPPLY, DELIVERY, INSTALLATION, REPAIR AND MAINTENANCE OF HVAC SYSTEMS AND EQUIPMENT, FOR A PERIOD OF THREE YEARS IN THE LIMPOPO DEPARTMENT OF PUBLIC WORKS ROAD AND INFRASTRUCTURE (LDPWRI)_WATERBURG DISTRICT.

1. CHANGE IN PROJECT DESCRIPTION:

APPOINTMENT OF FRAMEWORK CONTRACTOR FOR SUPPLY, DELIVERY, INSTALLATION, REPAIR AND MAINTENANCE OF HVAC SYSTEMS AND EQUIPMENT, FOR A PERIOD OF THREE YEARS IN THE LIMPOPO DEPARTMENT OF PUBLIC WORKS ROAD AND INFRASTRUCTURE (LDPWRI)_WATERBURG DISTRICT.

2. Tender Notice and Invitation to Tender

The following changes were effected on the T1.1. - Tender Notice and Invitation to Tender:

Evaluation criteria	<ol style="list-style-type: none">1. Compliance (mandatory or compulsory requirements)2. Local content and production3. Functionality4. Price and Preference5. Negotiation
Mandatory or Compulsory Requirements <i>(failure to submit, complete or comply with these requirements will lead to automatic disqualification)</i>	Completed and signed Form of Offer
	Completed and signed SBD 1, SBD 4, SBD 6.2, SBD 8, SBD 9
	Local Content and Production threshold requirements (failure to submit fully completed and signed SBD 6.2 and annexure C will lead to as stipulated in this bid document. Bidders must comply with the local content thresholds, failing which will lead to automatic disqualification. The industries, sectors and sub-sectors designated for local content and production with minimum thresholds can be downloaded from the DTI website, including the Local Content Declaration templates (Annexure C, D and E). http://dti.gov.za/industrial_development/ip.jsp
	Completed and signed Compulsory declaration and record of addendum

3. T2.1 : LIST OF RETURNABLE DOCUMENTS

The following returnable documents were added under the compulsory and mandatory compliance. Failure to comply will be considered non-responsive, and the bid will not be evaluated any further.

- a. Part C2.2 Bill of quantities

PART C2.2 BILLS OF QUANTITIES

All the bills of quantities in the tender (C2.2) are replaced with the bills of quantities contained herein.

SCHEDULE 1: RATES FOR MAINTENANCE OF HVAC UNITS

- 1 These are the rates for servicing HVAC units.
- 2 For pricing purposes
 - a. Prices for servicing include marking of the equipment and compiling of inventory.
 - b. Prices for servicing include servicing as stipulated in Part C3.1, labour, transport, consumables, minor and incidental repairs and all other overheads.
 - c. Prices for servicing include decommissioning and disposal of a damaged unit.
 - d. All equipment listed below form part of this contract and shall be serviced, maintained and repaired.

Item	Description	Capacity Range (BTU/Hr)	Preventative / Minor Service, R	Corrective / Major Service, R	Total, R
			(A)	(B)	(A+B)
1	Mid-Wall Split-Type Units	7000 – 12000			
2		18000 – 26000			
3		28000 – 36000			
4	Mid-Wall Split Units (Heat Pump)	28000 - 38000			
5	Cassette Type Units	18000 – 26000			
6		28000 – 36000			
7		42000 – 60000			
8	Under Ceiling Mounted Units	24000 – 48000			
9		52000 - 72000			

Item	Description	Capacity Range (BTU/Hr)	Preventative / Minor Service, R	Corrective / Major Service, R	Total, R
10	Multi Split Units	15000 – 30000			
11		36000 – 60000			
12	VRV Systems	24000 – 60000			
13		75000 – 196000			
14	Wall Mounted Window Units	7000 – 12000			
15		18000 – 26000			
16		28000 – 36000			
Training of LDPWRI staff (CDP rated maintenance course) (Quarterly : 4 * 10 000)					40 000
TOTAL CARRIED TO SUMMARY					

SCHEDULE 2: RATES FOR SUPPLY AND INSTALLATION OF NEW HVAC UNITS

- 1 These are the rates for the supply and installation of new HVAC units.
- 2 For pricing purposes
 - a. The price of each item must be an all-inclusive unit price per item, complete with but not limited to brackets, refrigeration pipes, isolators etc.

Item	Description	Capacity Range (BTU/Hr)	Unit Price, R	Installation Price Per Unit, R	Total Price, R
			(A)	(B)	(A + B)
1	Mid-Wall Split-Type Units	9000			
2		12000			
3		18000			
4		22000			
5		24000			

Item	Description	Capacity Range (BTU/Hr)	Unit Price, R	Installation Price Per Unit, R	Total Price, R
6	Mid-Wall Split Units (Heat Pump)	28000			
7		36000			
8		38000			
9	Cassette Type Units	12000			
10		18000			
11		24000			
12		28000			
13		36000			
14		44000			
15		28000			
16		60000			
17	Under-Ceiling Mounted Units (Heat Pump)	12000			
18		18000			
19		24000			
20		28000			
21		36000			
22		44000			
23		28000			
24		60000			
25	VRV Systems	24000 - 60000			
26		75000 - 196000			
TOTAL CARRIED TO SUMMARY					

SCHEDULE 3: RATES FOR REPLACEMENT OF PARTS

- 3 These are the rates for servicing HVAC units.
- 4 For pricing purposes
 - e. Prices for servicing include marking of the equipment and compiling of inventory.
 - f. Prices for servicing include servicing as stipulated in Part C3.2, labour, transport, consumables, minor and incidental repairs and all other overheads.

Item	Description	Capacity Range	Unit	Rate, R
1	Motor and Fan Blades	9 – 16 W	Item	
2		0.25 – 0.75 kW	Item	
3		1.1 – 5.5 kW	Item	
4	Evaporator Coil	Standard	Item	
5	Condenser Coil	Standard	Item	
6	Condensate Discharge Pump	Standard	Item	
7	Isolators	20 Amp	Item	
8		30 Amp	Item	
9		60 Amp	Item	
10	Flexi Core Cable	25 mm	Item	
11		14 – 36 microfarad	Item	
12	Capacitors	4 - 5 microfarad	Item	
13		14 – 35 microfarad	Item	
14	Float Switch	Standard	Item	
15	Coil Sensors	Standard	Item	
16	Electric Heaters	Standard	Item	
17	PC Boards	7000 – 9000 BTU/h	Item	
18		12000 – 15000 BTU/h	Item	
19		18000 – 22000 BTU/h	Item	
20		24000 – 26000 BTU/h	Item	

Item	Description	Capacity Range	Unit	Rate, R
21		30000 – 36000 BTU/h	Item	
22		44000 – 60000 BTU/h	Item	
23	Compressors (240V/240V/1/50Hz)	0.75 – 2.5 hp	Item	
24		2.5 – 4.0 hp	Item	
25	Compressors (380V/400V/3/50Hz)	0.75 – 2.5 hp	Item	
26		2.5 – 4.0 hp	Item	
TOTAL CARRIED TO SUMMARY				

SCHEDULE 4: RATES FOR LABOUR AND TRANSPORT

- 1 The rates for transport must include the cost of labour during travelling time, all overheads, fuel costs, etc.

Item	Description	Unit	Quantity	Amount, R
	Transport:			
1	Sedan	Rate/km	1	
2	1 Ton LDV	Rate/km	1	
3	5 Ton LDV	Rate/km	1	
	Labour:			
4	Artisan / Technisian	Rate/hour	1	
5	Apprentice	Rate/hour	1	
6	Labourer	Rate/hour	1	
TOTAL CARRIED TO SUMMARY				

SUMMARY OF SCHEDULE QUANTITIES

SCHEDULE 1: RATES FOR MAINTENANCE OF HVAC UNITS	R
SCHEDULE 2: RATES FOR SUPPLY AND INSTALLATION OF NEW HVAC UNITS	R
SCHEDULE 3: RATES FOR REPLACEMENT OF PARTS	R
SCHEDULE 4: RATES FOR LABOUR AND TRANSPORT	R
SUB-TOTAL	R
VAT	R
TOTAL (CARRIED TO FORM OF OFFER)	R