**Annexure N: Bidder to complete the following table based on various air conditioners type offered.**

**Service provider to clearly indicate which provinces they will deliver, supply, install and maintain the requested air conditioners in the following table**

**i**t must be clearly stated whether the service provider will supply and install the required air conditioners as follows:

* + **Yes – supply, install, commission and install in the whole province**, or
  + **No – service provider not offering a solution for this province**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Province | Midwall Split units | Window wall type | Cassette Type | Clip-ons | Floor standing |
| Gauteng |  |  |  |  |  |
| Limpopo |  |  |  |  |  |
| North West |  |  |  |  |  |
| Mpumalanga |  |  |  |  |  |
| Freestate |  |  |  |  |  |
| Northern Cape |  |  |  |  |  |
| Eastern Cape |  |  |  |  |  |
| Western Cape |  |  |  |  |  |
| KZN |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Lead time for supply and install of air conditioners** | Lead time in days/ weeks/ months for each different type | Proof required |
| Indicate lead time from the contract award to delivery in a company letter head and must be signed.  Copies not on company letter will not going to be considered i.e. no points will be allocated. | Midwall Split units:  Window wall type:  Cassette Type:  Clip-ons:  Floor standing: | Confirmation to be provided on a signed company letter head |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Bidders respond time under emergency conditions** | | Time in hours/days during week when technician will be **on site** | Time in hours/days during weekends when technician will be **on site** | Proof required |
| Service Level Agreement | Bidder to Indicate under emergency condition when can a technician be made available to repair/fix faults |  |  | Confirmation to be provided on a signed company letter head |

Service provider to complete in detail the technical compliance of the offered air conditioners in the following tables with the required proof/reference to the relevant brochure to be made.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Brand** | **Requirement** | **Type offered** | **Type offered** | **Type offered** |
| **Mid wall Split units** | | | | |
| Rating in BTU |  | 12000 BTU | 24 000 BTU | 32000-36 000 BTU |
| Air conditioner model name | Provide model name and type |  |  |  |
| Brochure | Provide brochure for offered air conditioner |  |  |  |
| Rating in BTU | 12 000, 24 000 and 32 000 - 36 000 BTU |  |  |  |
| Fixed speed/Inverter | Fixed speed |  |  |  |
| Voltage and phase | 230V AC 50Hz Single phase |  |  |  |
| Controllable via EAS-SAM2 | The air conditioner should be able to go in a sleep mode when power is been cut and be switched on again when power has been restored to the specific air conditioner as been controlled by the on-site controller. Provide proof or a signed confirmation on a company letterhead |  |  |  |
| Indoor Air flow | >600m3/h per air conditioner (12000 BTU)  >1200m3/h per air conditioner (24000BTU)  >1600m3/h per air conditioner (36000BTU) |  |  |  |
| Power consumption | Provide power in Watts per air conditioner |  |  |  |
| Dimensions indoor | Provide dimensions for offered indoor air conditioner  Midwall Split unit 12 000BTU: 900mm x 300mm x 210mm  3. Midwall Split unit 24 000BTU: 1110mm x 330mm x x 250mm  4. Midwall Split unit 32 000 - 48000 BTU: 1250mm x 400mm x 250mm |  |  |  |
| Dimensions outdoor | Provide dimensions for offered outdoor air conditioner |  |  |  |
| Duty cycle | Air conditioners shall be designed to be of commercial type air conditioner. Provide proof or a signed confirmation on a company letterhead |  |  |  |
| Auto restart | The air conditioner should be able to auto restart. When there is electricity failure the system shuts off. After restoration of the power, unit will start in the same set conditions prior to the power failure. Provide proof or a signed confirmation on a company letterhead |  |  |  |
| Dehumidification | The air conditioners should be able to dehumidification and or remove moisture from the air inside the required room and or contain |  |  |  |
| Air flow directions | The air conditioners should have air flow direction control in the following directions  a. Horizontal (manual or auto); and  b. Vertical (auto). |  |  |  |
| Anti-corrosion | Air conditioner should be equipped of anti-corrosion finish or coating for the outdoor units |  |  |  |
| Auto cleaning | Air conditioner should have an auto cleaning function |  |  |  |
| Refrigerant | Environment friendly refrigerant should be used. i.e R410 |  |  |  |
| Alarms | The air conditioner should be self-diagnostic and indicate the required error code and or message accordingly. |  |  |  |
| Maximum outdoor temperature range under cooling | Outdoor temperature to be at least 45 degrees and preferably 50 degrees Celsius. Provide proof or a signed confirmation on a company letterhead |  |  |  |
| Vandal proof cages | Provide specification and drawing and or image of the offered vandal cages  Galvanised expanded metal mesh – raised  LWD = 28mm, SWD=14mm, Width=4,5mm, Thickness = 2.5mm  Lockable with Mul-T-Lock G-Series  Sample prior manufacturing will be required. |  |  |  |
| Warrantee | Minimum 3 year warrantee with 5 year warrantee on compressor |  |  |  |
| Proven design of the offered air conditioner with large installation base for other customers | Provide contactable references where these air conditioner are installed with indication of how many air conditioner were installed – ideally 3 different customers |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Brand** | **Requirement** | **Type offered** | **Type offered** |
| Window Wall units | | | |
| Rating in BTU |  | 12 000 BTU | 24000-BTU |
| Air conditioner model name | Provide model name and type |  |  |
| Brochure | Provide brochure for offered air conditioner |  |  |
| Rating in BTU | 12 000 and 24 000 BTU |  |  |
| Fixed speed/Inverter | Fixed speed |  |  |
| Voltage and phase | 230V AC 50Hz Single phase |  |  |
| Controllable via EAS-SAM2 | The air conditioner should be able to go in a sleep mode when power is been cut and be switched on again when power has been restored to the specific air conditioner as been controlled by the on-site controller. Provide proof or a signed confirmation on a company letterhead |  |  |
| Indoor Air flow | >450m3/h per air conditioner (12000 BTU)  >800m3/h per air conditioner (24000 BTU) |  |  |
| Power consumption | Provide power in Watts per air conditioner |  |  |
| Dimensions | Provide dimensions for offered air conditioner  12 000BTU: 600mm x 380mm x 720mm  24 000BTU: 660mm x 428mm x 800mm |  |  |
| Duty cycle | Air conditioners shall be designed to be of commercial type air conditioner. Provide proof or a signed confirmation on a company letterhead. |  |  |
| Auto restart | The air conditioner should be able to auto restart. When there is electricity failure the system shuts off. After restoration of the power, unit will start in the same set conditions prior to the power failure. Provide proof or a signed confirmation on a company letterhead |  |  |
| Dehumidification | The air conditioners should be able to dehumidification and or remove moisture from the air inside the required room and or contain |  |  |
| Air flow directions | The air conditioners should have air flow direction control in the following directions  a. Horizontal (manual or auto); and  b. Vertical (auto). |  |  |
| Anti-corrosion | Air conditioner should be equipped of anti-corrosion finish or coating for the outdoor units |  |  |
| Auto cleaning | Air conditioner should have an auto cleaning function |  |  |
| Refrigerant | Environment friendly refrigerant should be used. i.e R410 |  |  |
| Alarms | The air conditioner should be self-diagnostic and indicate the required error code and or message accordingly. |  |  |
| Maximum outdoor temperature range under cooling | Outdoor temperature to be at least 45 degrees and preferably 50 degrees Celsius. Provide proof or a signed confirmation on a company letterhead. |  |  |
| Maintenance | The window wall units should include a slide-out chassis for easy wall mounting |  |  |
| Warrantee | Minimum 3 year warrantee with 5 year warrantee on compressor |  |  |
| Proven design of the offered air conditioner with large installation base for other customers | Provide contactable references where these air conditioners were installed with indication of how many air conditioner were installed – ideally 3 different customers |  |  |

|  |  |  |
| --- | --- | --- |
| **Brand** | **Requirement** | **Type offered** |
| Cassette type units | | |
| Rating in BTU |  | 40 000-60000 BTU |
| Air conditioner model name | Provide model name and type |  |
| Brochure | Provide brochure for offered air conditioner |  |
| Rating in BTU | 40 000 to 60 000 BTU |  |
| Fixed speed/Inverter | Fixed speed |  |
| Voltage and phase | 380V AC 50Hz Three phase |  |
| Controllable via EAS-SAM2 | The air conditioner should be able to go in a sleep mode when power is been cut and be switched on again when power has been restored to the specific air conditioner as been controlled by the on-site controller. Provide proof or a signed confirmation on a company letterhead |  |
| Indoor Air flow | >1800m3/h per air conditioner |  |
| Power consumption | Provide power in Watts per air conditioner |  |
| Indoor Dimensions | Provide dimensions for offered indoor air conditioner |  |
| Outdoor Dimensions | Provide dimensions for offered outdoor air conditioner |  |
| Duty cycle | Air conditioners shall be designed to be of commercial type air conditioner. Provide proof or a signed confirmation on a company letterhead |  |
| Auto restart | The air conditioner should be able to auto restart. When there is electricity failure the system shuts off. After restoration of the power, unit will start in the same set conditions prior to the power failure. Provide proof or a signed confirmation on a company letterhead |  |
| Dehumidification | The air conditioners should be able to dehumidification and or remove moisture from the air inside the required room and or contain |  |
| Air flow directions | The air conditioners should have air flow direction control in the following directions  a. Horizontal (manual or auto); and  b. Vertical (auto). |  |
| Anti-corrosion | Air conditioner should be equipped of anti-corrosion finish or coating for the outdoor units |  |
| Auto cleaning | Air conditioner should have an auto cleaning function |  |
| Free cooling mode | Should have free cooling mode as optional item |  |
| Refrigerant | Environment friendly refrigerant should be used. i.e R410 |  |
| Alarms | The air conditioner should be self-diagnostic and indicate the required error code and or message accordingly. |  |
| Maximum outdoor temperature range under cooling | Outdoor temperature to be at least 45 degrees and preferably 50 degrees Celsius. Provide proof or a signed confirmation on a company letterhead |  |
| Warrantee | Minimum 3 year warrantee with 5 year warrantee on compressor |  |
| Proven design of the offered air conditioner with large installation base for other customers | Provide contactable references where these air conditioners were installed with indication of how many air conditioner were installed – ideally 3 different customers |  |

|  |  |  |
| --- | --- | --- |
| **Brand** | **Requirement** | **Type offered** |
| Floor standing type units | | |
| Rating in BTU |  | 48000- 60000BTU |
| Air conditioner model name | Provide model name and type |  |
| Brochure | Provide brochure for offered air conditioner |  |
| Rating in BTU | 48000- 60000BTU |  |
| Fixed speed/Inverter | Fixed speed |  |
| Voltage and phase | 380V AC 50Hz Three phase |  |
| Controllable via EAS-SAM2 | The air conditioner should be able to go in a sleep mode when power is been cut and be switched on again when power has been restored to the specific air conditioner as been controlled by the on-site controller. Provide proof or a signed confirmation on a company letterhead |  |
| Indoor Air flow | >1800m3/h per air conditioner |  |
| Power consumption | Provide power in Watts per air conditioner |  |
| Dimensions indoor | Provide dimensions for offered indoor air conditioner  Maximum dimensions: ≤600mmx2000mmx600mm |  |
| Dimensions outdoor | Provide dimensions for offered outdoor air conditioner |  |
| Duty cycle | Air conditioners shall be designed to be of commercial type air conditioner. Provide proof or a signed confirmation on a company letterhead |  |
| Auto restart | The air conditioner should be able to auto restart. When there is electricity failure the system shuts off. After restoration of the power, unit will start in the same set conditions prior to the power failure. Provide proof or a signed confirmation on a company letterhead |  |
| Dehumidification | The air conditioners should be able to dehumidification and or remove moisture from the air inside the required room and or contain |  |
| Air flow directions | The air conditioners should have air flow direction control in the following directions  a. Horizontal (manual or auto); and  b. Vertical (auto). |  |
| Anti-corrosion | Air conditioner should be equipped of anti-corrosion finish or coating for the outdoor units |  |
| Auto cleaning | Air conditioner should have an auto cleaning function |  |
| Free cooling mode | Should have free cooling mode as optional item |  |
| Refrigerant | Environment friendly refrigerant should be used. i.e R410 |  |
| Alarms | The air conditioner should be self-diagnostic and indicate the required error code and or message accordingly. |  |
| Maximum outdoor temperature range under cooling | Outdoor temperature to be at least 45 degrees and preferably 50 degrees Celsius. Provide proof or a signed confirmation on a company letterhead |  |
| Warrantee | Minimum 3 year warrantee with 5 year warrantee on compressor |  |
| Proven design of the offered air conditioner with large installation base for other customers | Provide contactable references where these air conditioners were installed with indication of how many air conditioner were installed – ideally 3 different customers |  |

|  |  |  |
| --- | --- | --- |
| **Brand** | **Requirement** | **Type offered** |
| Clip ons units | | |
| Rating in BTU |  | 32000-40000 BTU |
| Air conditioner model name | Provide model name and type |  |
| Brochure | Provide brochure for offered air conditioner |  |
| Rating in BTU | 32 000 to 40 000 BTU |  |
| Fixed speed/Inverter | Fixed speed |  |
| Voltage and phase | 230V AC 50Hz Three phase |  |
| Controllable via EAS-SAM2 | The air conditioner should be able to go in a sleep mode when power is been cut and be switched on again when power has been restored to the specific air conditioner as been controlled by the on-site controller. Provide proof or a signed confirmation on a company letterhead |  |
| Indoor Air flow | >1800m3/h per air conditioner |  |
| Power consumption | Provide power in Watts per air conditioner |  |
| Dimensions indoor | Provide dimensions for offered air conditioner  Maximum dimensions: 1150mmx2200x850mm |  |
| Duty cycle | Air conditioners shall be designed to be of commercial type air conditioner. Provide proof or a signed confirmation on a company letterhead |  |
| Auto restart | The air conditioner should be able to auto restart. When there is electricity failure the system shuts off. After restoration of the power, unit will start in the same set conditions prior to the power failure. Provide proof or a signed confirmation on a company letterhead |  |
| Dehumidification | The air conditioners should be able to dehumidification and or remove moisture from the air inside the required room and or contain |  |
| Air flow directions | The air conditioners should have air flow direction control in the following directions  a. Horizontal (manual or auto); and  b. Vertical (auto). |  |
| Anti-corrosion | Air conditioner should be equipped of anti-corrosion finish or coating for the outdoor units |  |
| Auto cleaning | Air conditioner should have an auto cleaning function |  |
| Free cooling mode | Should have free cooling mode as optional item |  |
| Refrigerant | Environment friendly refrigerant should be used. i.e R410 |  |
| Alarms | The air conditioner should be self-diagnostic and indicate the required error code and or message accordingly. |  |
| Maximum outdoor temperature range under cooling | Outdoor temperature to be at least 45 degrees and preferably 50 degrees Celsius. Provide proof or a signed confirmation on a company letterhead |  |
| Warrantee | Minimum 3 year warrantee with 5 year warrantee on compressor |  |
| Proven design of the offered air conditioner with large installation base for other customers | Provide contactable references where these air conditioner are installed with indication of how many air conditioner were installed – ideally 3 different customers |  |

# **Appendix 4: Schedule of Compliance / Non-compliance / Information**

Suppliers are required to complete this schedule and must take note of the following:

1. A detailed statement of compliance or non-compliance, accompanied by reasons (if any) for every requirement called for in the specification, must be submitted. The detailed statements must be in the format as provided in Schedule. Where needed, further notes may also be appended to the schedule.
2. It must be clearly stated whether the equipment offered, for each of the specified requirements, is:
   * **Fully Compliant**, or
   * **Non-compliant**
3. In all cases the relevant brochures of the offered equipment/items shall be submitted with the bid/ tender and reference to the specific and relevant paragraph to proof compliance sheet shall be made.
4. Phrases such as “**noted**” must only be used against paragraphs that are for information only and carry no contractual commitment.
5. Phrases such as “**noting**”, “**will comply**” and “**comply, except**”, in a paragraph that requires a compliance or non-compliance statement will be read as non-compliance.
6. The letter appended at the end of each paragraph in the specification requires the following type of response:

**[H]** Heading

**Schedule of Compliance / Non-compliance**

|  |  |  |  |
| --- | --- | --- | --- |
| **Specification** | **Key** | **Fully Compliant / Partially Compliant/ Non-compliant / Noted** | **Comments (if applicable)** |
| 2.1 Technology | H |  |  |
| 2.1.1 |  |  |  |
| 2.1.2 |  |  |  |
| 2.1.3 |  |  |  |
| Table 3 |  |  |  |
| New/Expansions sites |  |  |  |
| Midwall Split Unit- 24000BTU |  |  |  |
| Midwall Split/Window wall Unit- 32 000 BTU-36000 BTU |  |  |  |
| Clip-ons- 32 000 BTU-40 000 BTU |  |  |  |
| Midwall Split unit, cassette type, clip-ons and Floor standing  (will differ depending on site conditions)  – 40000 BTU-60000 BTU |  |  |  |
| Existing sites |  |  |  |
| Midwall Split/Window wall Unit- 12000BTU |  |  |  |
| Midwall Split/Window wall Unit- 24000BTU |  |  |  |
| 2.2 Feature | H |  |  |
| 2.2.1 |  |  |  |
| 2.2.1.a |  |  |  |
| 2.2.1.b |  |  |  |
| 2.2.1.c |  |  |  |
| 2.2.1.d |  |  |  |
| 2.2.2 |  |  |  |
| 2.2.2.a |  |  |  |
| 2.2.2.b |  |  |  |
| 2.2.3 |  |  |  |
| 2.2.4 |  |  |  |
| 2.2.5 |  |  |  |
| 2.2.6 |  |  |  |
| 2.2.7 |  |  |  |
| 2.2.8 |  |  |  |
| 2.2.9 |  |  |  |
| 2.2.10 |  |  |  |
| 2.2.10.a |  |  |  |
| 2.2.10.b |  |  |  |
| 2.2.11 |  |  |  |
| 2.2.12 |  |  |  |
| 2.2.13 |  |  |  |
| 2.2.14 |  |  |  |
| 2.2.15 |  |  |  |
| 2.2.16 |  |  |  |
| 2.2.17 |  |  |  |
| 2.2.18 |  |  |  |
| 2.2.19 |  |  |  |
| 2.2.20 |  |  |  |
| 2.2.21 |  |  |  |
| 2.3 Dimensions | H |  |  |
| 2.3.1 |  |  |  |
| 2.3.2 |  |  |  |
| 2.3.3 |  |  |  |
| 2.3.4 |  |  |  |
| 2.3.5 |  |  |  |
| 2.3.6 |  |  |  |
| 2.3.7 |  |  |  |
| 2.3.8 |  |  |  |
| 2.4 Vandal Cages |  |  |  |
| 2.4.1 |  |  |  |
| 2.4.2 |  |  |  |
| 2.4.2.a |  |  |  |
| 2.4.2.b |  |  |  |
| 2.4.2.c |  |  |  |
| 2.4.2.d |  |  |  |
| 2.5 Controller | H |  |  |
|  |  |  |  |
| 2.6 Alarms/ Indicator | H |  |  |
| 2.6.1 |  |  |  |
| 2.6.2 |  |  |  |
| 2.7 Service intervals | H |  |  |
| 2.7.1 |  |  |  |
| 2.7.2 |  |  |  |
| 2.7.3 |  |  |  |
| 2.7.4 |  |  |  |
| 2.7.5 |  |  |  |
| 2.7.6 |  |  |  |
| All bullet points listed in the Scope of Work under this paragraph 2.7.6 |  |  |  |
| 2.8 Support | H |  |  |
| 2.8.1 |  |  |  |
| 2.8.2 |  |  |  |
| 2.9 Warrantee | H |  |  |
|  |  |  |  |
| 2.10 Training | H |  |  |
|  |  |  |  |
| 2.11 Deliverables | H |  |  |
|  |  |  |  |
| 2.12 Maintenance | H |  |  |
|  |  |  |  |
| 2.13 Installation and delivery | H |  |  |
| 2.13.1 |  |  |  |
| 2.13.2 |  |  |  |
| 2.13.3 |  |  |  |
| 2.13.4 |  |  |  |
| 2.13.5 |  |  |  |
| 2.13.6 |  |  |  |
| 2.13.7 |  |  |  |
| 2.13.8 |  |  |  |
| 2.13.9 |  |  |  |
| 2.13.10 |  |  |  |
| 2.13.11 |  |  |  |
| 2.13.12 |  |  |  |
| 2.13.13 |  |  |  |
| 2.13.14 |  |  |  |
| 2.13.15 |  |  |  |
| 2.14 Drawings | H |  |  |
| 2.14.1 |  |  |  |
| 2.14.2 |  |  |  |
| 2.14.3 |  |  |  |
| 2.15 Quality Insurance | H |  |  |
| 2.15.1 |  |  |  |
| 2.15.2 |  |  |  |
| 2.15.3 |  |  |  |