

**TECHNICAL SPECIFICATIONS****1 x TON WALL MOUNTED (HEAT & COOL) AIR CONDITIONER (INVERTER TYPE)**

|                                      |                       |             | Bank Proposed<br>Range/Parameter | Technical<br>Data to be filled<br>by<br>Bidder | Compliance<br>Remarks<br>by<br>NBP |
|--------------------------------------|-----------------------|-------------|----------------------------------|------------------------------------------------|------------------------------------|
| Brand<br>Model #                     |                       |             |                                  |                                                |                                    |
| <b>System</b>                        |                       | <b>Unit</b> |                                  |                                                |                                    |
| T3 Cooling                           | Cooling               | W           | 3517 (12000 BTU/hr)              |                                                |                                    |
|                                      | Power Consumption     | W           | 1240                             |                                                |                                    |
|                                      | Running Current       | Amp         | 5.75                             |                                                |                                    |
|                                      | EER Cooling           | BTU/w       | 9.00 (High)                      |                                                |                                    |
| Power Supply Source                  |                       | V/Ph/Hz     | 220-240V-1-50Hz                  |                                                |                                    |
| Operating Voltage Range (min-max)    |                       | V           | 140-280V                         |                                                |                                    |
| Refrigerant                          |                       | -           | R410a                            |                                                |                                    |
| Indoor Temperature Set Point Range   |                       | Deg C       | 16-32                            |                                                |                                    |
| Operating Range Summer/Winter        |                       | Deg C       | 16~+55/-15~+24                   |                                                |                                    |
| Control wiring Cable (Core x Ø sqmm) |                       |             | 4 x 1.5 sqmm                     |                                                |                                    |
| Power Cable (Core x Ø sqmm)          |                       |             | 3 x 1.5 sqmm                     |                                                |                                    |
| Control type                         |                       |             | Wireless Remote Control          |                                                |                                    |
| Display                              |                       |             | LED/LCD                          |                                                |                                    |
| Indoor Unit Body                     |                       |             | Decorative Type Plastic          |                                                |                                    |
| On/Off                               |                       |             | Auto Restart                     |                                                |                                    |
| Noise Level Indoor (+/-3db)          |                       | db (A)      | 40                               |                                                |                                    |
| Noise Level outdoor (+/-3db)         |                       | db (A)      | 52                               |                                                |                                    |
| Indoor unit weight(Net/Gross)        |                       | Kg          | 9/11                             |                                                |                                    |
| Outdoor unit weight(Net/Gross)       |                       | Kg          | 24/27                            |                                                |                                    |
| <b>Indoor Unit</b>                   |                       |             |                                  |                                                |                                    |
| Air Flow (Turbo/Hi/Mi/lo)            |                       | Cum/h       | 600/530/450/380/320              |                                                |                                    |
| Fan                                  | Motor type            | AC/DC       | AC/DC                            |                                                |                                    |
|                                      | Speed(Turbo/Hi/Mi/Lo) | rpm         | 1350/1200/1030/850/750           |                                                |                                    |
| Evaporator<br>Coil                   | No of Rows            |             | Two (02)                         |                                                |                                    |
|                                      | Tube Material &Type   |             | Inner –grooved copper            |                                                |                                    |
|                                      | Tube diameter         | mm          | 7 Ø                              |                                                |                                    |
|                                      | Fin Material          |             | Hydrophilic Aluminum<br>Foil     |                                                |                                    |
|                                      | Fin Spacing           | mm          | 1.5                              |                                                |                                    |

|                                               |                      |        |                                         |  |  |
|-----------------------------------------------|----------------------|--------|-----------------------------------------|--|--|
| <b>Outdoor Unit</b>                           |                      |        |                                         |  |  |
| Casing                                        | Material             |        | Powder Coated painted GI Sheet          |  |  |
|                                               | Paint Thickness      | micron | >80µm                                   |  |  |
| Compressor                                    | Type                 | DC     | DC Rotary                               |  |  |
|                                               | Make/Brand           |        | GMCC, Hitachi, Mitsubishi or equivalent |  |  |
| Condenser                                     | No of Tube Rows      | Row    | 1                                       |  |  |
|                                               | Tube Type & material |        | Inner groove copper                     |  |  |
|                                               | Tube Diameter        | mm     | 9.52 Ø                                  |  |  |
|                                               | Pitch tube x row     | mm     | 25.4                                    |  |  |
|                                               | Fin Material         |        | Hydrophilic Aluminum Foil               |  |  |
| Fan                                           | Blade Type           |        | Axial Flow                              |  |  |
|                                               | Motor Type           | DC     | DC                                      |  |  |
|                                               | Motor Power output   | watt   | 30                                      |  |  |
| Outdoor Packing Dimension (W x D x H)         |                      | mm     | -                                       |  |  |
| Indoor Packing Dimension (W x D x H)          |                      | mm     | -                                       |  |  |
| Spare Parts Replacement Warranty without Cost |                      |        | 1 Year or More                          |  |  |
| PCB Card Replacement Warranty without Cost    |                      |        | 4 Year or More                          |  |  |
| Compressor Warranty                           |                      |        | 5 Years or More                         |  |  |
| <b>Accessories</b>                            |                      |        |                                         |  |  |
| Copper Piping with Foam Insulation            |                      | m      | 3m- included                            |  |  |
| Power Cable                                   |                      | m      | 1.5m -included                          |  |  |
| Control cable                                 |                      | m      | 3.5 m -included                         |  |  |
| Wireless Remote Control with batteries        |                      |        | Included                                |  |  |
| Remote control Holder                         |                      |        | Included                                |  |  |

## **TECHNICAL SPECIFICATIONS**

### **1.5 x TON WALL MOUNTED (HEAT & COOL) AIR CONDITIONER (INVERTER TYPE)**

|                                      |                       |             | Bank Proposed<br>Range/Parameter | Technical<br>Data to be filled<br>by Bidder | Compliance<br>Remarks<br>by NBP |
|--------------------------------------|-----------------------|-------------|----------------------------------|---------------------------------------------|---------------------------------|
| Brand<br>Model #                     |                       |             |                                  |                                             |                                 |
| <b>System</b>                        |                       | <b>Unit</b> |                                  |                                             |                                 |
| T3 Cooling                           | Cooling               | W           | 5276 (18000 BTU/hr)              |                                             |                                 |
|                                      | Power Consumption     | W           | 1860                             |                                             |                                 |
|                                      | Running Current       | Amp         | 8.63                             |                                             |                                 |
|                                      | EER Cooling           | BTU/w       | 9.00 (High)                      |                                             |                                 |
| Heating                              | Heating               | W           | 5276 (18000 BTU/hr)              |                                             |                                 |
|                                      | Power Consumption     | W           | 1520(560~2350)                   |                                             |                                 |
|                                      | Running Current       | Amp         | 7.05(2.6~10.9)                   |                                             |                                 |
|                                      | COP Heating           | BTU/w       | 12.00                            |                                             |                                 |
| Power Supply Source                  |                       | V/Ph/Hz     | 220-240V-1-50Hz                  |                                             |                                 |
| Operating Voltage Range (min-max)    |                       | V           | 140-280V                         |                                             |                                 |
| Refrigerant                          |                       | -           | R410a                            |                                             |                                 |
| Indoor Temperature Set Point Range   |                       | Deg C       | 16-32                            |                                             |                                 |
| Operating Range Summer/Winter        |                       | Deg C       | 16~+55/-15~+24                   |                                             |                                 |
| Control wiring Cable (Core x Ø sqmm) |                       |             | 4 x 1.5 sqmm                     |                                             |                                 |
| Power Cable (Core x Ø sqmm)          |                       |             | 3 x 1.5 sqmm                     |                                             |                                 |
| Control type                         |                       |             | Wireless Remote Control          |                                             |                                 |
| Display                              |                       |             | LED/LCD                          |                                             |                                 |
| Indoor Unit Body                     |                       |             | Decorative Type Plastic          |                                             |                                 |
| On/Off                               |                       |             | Auto Restart                     |                                             |                                 |
| Noise Level Indoor (+/-3db)          |                       | db (A)      | 45                               |                                             |                                 |
| Noise Level outdoor (+/-3db)         |                       | db (A)      | 54                               |                                             |                                 |
| Indoor unit weight(Net/Gross)        |                       | Kg          | 14/17                            |                                             |                                 |
| Outdoor unit weight(Net/Gross)       |                       | Kg          | 31/34                            |                                             |                                 |
| <b>Indoor Unit</b>                   |                       |             |                                  |                                             |                                 |
| Air Flow (Turbo/Hi/Mi/lo)            |                       | Cum/h       | 1200/1100/990/820/660            |                                             |                                 |
| Fan                                  | Motor type            | AC/DC       | AC/DC                            |                                             |                                 |
|                                      | Speed(Turbo/Hi/Mi/Lo) | rpm         | 1250/1150/1030/850/750           |                                             |                                 |
| Evaporator<br>Coil                   | No of Rows            |             | Two (02)                         |                                             |                                 |
|                                      | Tube Material &Type   |             | Inner –grooved copper            |                                             |                                 |
|                                      | Tube diameter         | mm          | 7 Ø                              |                                             |                                 |

|                                               |                      |        |                                         |  |  |
|-----------------------------------------------|----------------------|--------|-----------------------------------------|--|--|
|                                               | Fin Material         |        | Hydrophilic Aluminum Foil               |  |  |
|                                               | Fin Spacing          | mm     | 1.5                                     |  |  |
| <b>Outdoor Unit</b>                           |                      |        |                                         |  |  |
| Casing                                        | Material             |        | Powder Coated painted GI Sheet          |  |  |
|                                               | Paint Thickness      | micron | >80µm                                   |  |  |
| Compressor                                    | Type                 | DC     | DC Rotary                               |  |  |
|                                               | Make/Brand           |        | GMCC, Hitachi, Mitsubishi or equivalent |  |  |
| Condenser                                     | No of Tube Rows      | Row    | 2                                       |  |  |
|                                               | Tube Type & material |        | Inner groove copper                     |  |  |
|                                               | Tube Diameter        | mm     | 7 Ø                                     |  |  |
|                                               | Pitch tube x row     | mm     | 25.4 *18.2                              |  |  |
|                                               | Fin Material         |        | Hydrophilic Aluminum Foil               |  |  |
| Fan                                           | Blade Type           |        | Axial Flow                              |  |  |
|                                               | Motor Type           | DC     | DC                                      |  |  |
|                                               | Motor Power output   | watt   | 30                                      |  |  |
| Outdoor Packing Dimension (W x D x H)         |                      | mm     | -                                       |  |  |
| Indoor Packing Dimension (W x D x H)          |                      | mm     | -                                       |  |  |
| Spare Parts Replacement Warranty without Cost |                      |        | 1 Year or More                          |  |  |
| PCB Card Replacement Warranty without Cost    |                      |        | 4 Year or More                          |  |  |
| Compressor Warranty                           |                      |        | 5 Years or More                         |  |  |
| <b>Accessories</b>                            |                      |        |                                         |  |  |
| Copper Piping with Foam Insulation            |                      | m      | 3m- included                            |  |  |
| Power Cable                                   |                      | m      | 1.5m -included                          |  |  |
| Control cable                                 |                      | m      | 3.5 m -included                         |  |  |
| Wireless Remote Control with batteries        |                      |        | Included                                |  |  |
| Remote control Holder                         |                      |        | Included                                |  |  |