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ADDENDUM NO. 1

28th April 2025

Tender Reference Number: EOI/PFPD-03/2025

Tender Name:

Expression of Interest (EOI) for the Supply of New Air-Conditioning Units

Notice to all Interested Bidders,

- 1. Section C, "Accessories Required," of the Terms of Reference (TOR) for the mentioned tender has been reviewed to enhance clarity of the specifications. This review ensures the inclusion of all necessary installation materials and associated accessories as part of the supplier's obligations. The updated section will entirely replace the previous version of Section C.
- 2. All other terms and conditions of the tender remains the same.
- 3. The changes are as stated below:

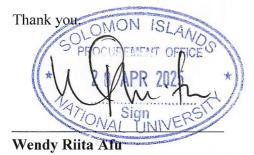
C. Accessories Required

To ensure a seamless and professional installation across all units, the bidder to provide a full installation package, inclusive of refrigerant piping, electrical cabling, mounting brackets, drainage systems, and other associated fit-outs as detailed in the table provided.

| No. | Description of Material / Component | Unit | Quantity (for 60 Units) | Specification / Notes |
|-----|---|-------|----------------------------|--|
| 1 | Copper Refrigerant Pipe (Insulated) | Meter | 1,200 | 20 meters per unit (average), standard insulated twin-pipe (suction & liquid line) |
| 2 | Drain Hose / PVC Drain Pipe (Flexible) | Meter | 900 | 15 meters per unit, UV-resistant flexible drain pipe |
| 3 | Power Cable (3 Core, 2.5mm² – 4.0mm²) | Meter | 1,200 | Heat- and moisture-resistant for power connections |
| 4 | Communication Cable (Control wiring) | Meter | 1,200 | Shielded twisted pair, for indoor-outdoor unit sync |
| 5 | Wall Brackets / Outdoor Unit Mounting Stand | Set | 60 | Heavy-duty galvanized brackets for wall or ground mounting |
| 6 | Circuit Breakers (MCB – 16A or 20A depending on model) | Each | 60 | Single-phase rated, to be installed in nearest power board |
| 7 | Isolator Switches | Each | 60 | Weatherproof outdoor-rated isolator per unit |
| 8 | Indoor Unit Mounting Plate / Bracket | Each | 60 | Supplied with indoor units, include in installation hardware |
| 9 | Cable Trays / Conduits | Meter | 600 | To house power & control cables, especially for surface-mounted installs |
| 10 | Wall Sleeve & Sealing Kit (Pipe and Cable Penetrations) | Each | 60 | Rubber grommet kits for neat indoor-outdoor penetrations |
| 11 | Weatherproof Insulation Tape (for outdoor fittings) | Roll | 60 | 1 roll per unit, UV- and heat-resistant |
| 12 | Refrigerant (Top-up if required) | Kg | As needed | R410a / R32 depending on AC type |
| 13 | Gas Charging Valve & Service Port Cap | Each | 60 | For maintenance and servicing |
| 14 | Fasteners and Anchoring Materials (Wall plugs, screws etc.) | Set | 60 | Heavy-duty, rustproof |
| 15 | Silicone Sealant / PU Foam for penetration sealing | Tube | 60 | For indoor-outdoor wall sealant |
| 16 | Testing and Commissioning Equipment (temporary use) | Set | As required | Vacuum pump, manifold gauge, etc. — by contractor |

Installation Notes:

- Quantities reflect standard installation practices. Actual requirements may vary slightly based on layout and distance between indoor and outdoor units.
- All materials shall conform to relevant AS/NZS standards or equivalent.
- Installation must comply with Occupational Health and Safety (OHS) regulations and local building codes.
- All units must come with warranty.



Secretary, University Tender Board