



المؤسسة العامة للرعاية السكنية  
Public Authority for Housing Welfare

السادة / الموردین المحترمين  
تحية طيبة وبعد ,,,

### عرض تقديم سعر

يرجى التكرم بتقديم عرض سعر لما هو مبين في الجدول أدناه :

م	اسم المادة او الخدمة	المواصفات المطلوب	الكمية	ملاحظات
1	وحدة تكييف	2.5 طن تبريدي	2	مرفق كتاب في المواصفات
2	وحدة تكييف	3 طن تبريدي	4	مرفق كتاب في المواصفات
3				
4				
5				
7				

على أن تقدم عروض الأسعار بظرف مغلق ووضعتها في الصندوق المخصص لعروض الأسعار في قسم المشتريات - الدور الأول في مبنى المؤسسة ولأي إستفسار ومراجعة بخصوص هذه الطلب الرجاء مراجعة قسم المشتريات

في أوقات العمل الرسمية من الساعة 8.00 صباحا لغاية 2.00 مساءا أو المراسلة على ايميل قسم المشتريات او الاتصال على هاتف

purchases@pahw.gov.kw 25301072

\* → Mini split A/C units shall consist of an air cooled condensing unit and a matching fan coil unit, factory assembled, pre-wired, pre-charged and factory tested, capable of giving the required capacity at KUWAIT conditions, using approved refrigerant.

1. Casing

Casing shall be constructed of heavy gauge M.S sheet metal and shall be firm and rigid. Casing shall have an approved anti-corrosive heat resistant paint finish.

2. Coil

Condenser coil shall be made of seamless copper tube with aluminum or copper straight fins, Mechanically expanded over the tubes.

3. Compressor

Compressor shall be of hermetic reciprocating or rotary type of appropriate capacity, and shall be suitable for operation on 415 Volt, 3 phase 50 Hz., supply with a permissible voltage variation of +/- 6% Compressors shall have inherent thermal protection or external thermal overloads.

4. Condenser Fans

Condenser fans shall be multi-blade type directly mounted on drip proof motor with class A insulation and shall be suitable for operation on 415 Volts, 3 phase, 50 Hz. Or 240 volts, Single phase, 50 Hz. Supply with permissible voltage variation of +/- 6%. Condenser fan motors shall be provided with inherent thermal protection.

5. Approved Manufacturers

- As per client and as approved by engineer.

## 2.02 Variable Refrigerant Flow System

### 1. SYSTEM DESCRIPTION

- 1.1. Comply all MEW requirement regarding controls, KW/Tonns, Watts/square meter, Refrigerant type complete in all respect. The contractor shall be held fully responsible to replace any part or complete unit if rejected and commented by MEW at no extra cost and time.
- 1.2. No negative tolerance is acceptable for any capacity and controls. The contractor shall provide next higher unit (at no extra cost and time) if the proposed capacity is lower than the scheduled design capacity.
- 1.3. The heat pump variable refrigerant flow system is a two-pipe system consisting of a single or multiple outdoor units, multiple indoor units of various types and capacities, individual or central indoor unit controls with on/off temperature settings, all connected by fully insulated refrigerant lines utilizing factory supplied, fully insulated, branching kits. Indoor units are connected to condensate piping that shall be terminated to the nearest drain point.
- 1.4. Provide corrosion resistance coated coils, outdoor units especially Copper to Copper coils in coastal locations at no extra cost and time.
- 1.5. The manufacturer should have an expertise in VRF inverter technology for more than 10 years and at least 5 years with all inverter technology.