



**TOGETHER**  
*for a sustainable future*

## OCCASION

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19263

April 4, 1991

UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION  
VIENNA INTERNATIONAL CENTER  
P.O. BOX 300, A-1400 VIENNA, AUSTRIA

Attn: MR. M. KOHONEN  
(Acting Chief Contracts Section)

Thru: ENGR. ROHIN DIVINAGRACIA

Re: FINAL REPORT-UNIDO PROJECT DP/PHI/87/004 UNDER CONTRACT  
NO. 92/173.

Dear Mr. Kohonen:

We have the pleasure of presenting to you the following scope of work completed with regards to above mentioned project; to wit:

- I. Supply of the air conditioning unit which includes the ff.:
  1. Air handling unit (unit I of drawing 'per your plan')
  2. Re-conditioning unit (unit II of drawing 'per your plan')
  3. Distribution ductings including air grills and diffusers.
  4. Chilled water piping for the air cooler.
  5. Air sampler unit (unit III of drawing 'per your plan')
  6. Mains power supply and distribution to blower motors and heaters. Distance of distribution breaker from main breaker is about 15 meters.

NOTE: All CB's and panel were provided by OEA.
- II. Supply of electrical system which includes:
  1. Electrical connections of equipment including support accessories.
  2. Supply of electrical wires and conduits.
  3. Commissioning of installed system.

NOTE: All instruments and support accessories were provided by OEA.
- III. SPECIFICATIONS OF UNIT SUPPLIED:
  - A. UNIT I - Air Handling Unit.
    1. Air-blower capacity - 60 m<sup>3</sup> /min. minimum, 2" H<sub>2</sub>O static pressure.
    2. Cooling coil capacity - 1.5 ton.
    3. Housing - gauge 16 D.I. sheet, spray painted.
    4. Bolt-on assembly.
  - B. UNIT II - Air reconditioning unit.
    1. 3-2 kw heater capacity (provided by OEA).
    2. Housing - gauge 16 spray painted with heat resistant paint.
    3. Bolt-on assembly.

C. UNIT III - Air Sampler Unit.

1. Air sampler pipe - 101 mm diameter PVC pipe.
2. 1/10 hp continuously rated motor.
3. 5 m<sup>3</sup> /min maximum blower capacity, 0.5" minimum H<sub>2</sub>O static pressure.

IV. Electrical System Supplied.

1. All power supply to instruments shall be 2.0 mm stranded wires, 30 mm for main supply, Phelps Dodge brand.
2. All feeder conduits shall be RSC.
3. Wirings must be in accordance with the requirements of Philippine electrical code.

V. Duct, Air Grilles, Diffusers Supplied.

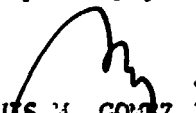
1. Gauge #22 G.I. Sheet external ductings sealed for air leakage, polystyrene foam insulated and completely wrapped with high quality adhesive duct tapes.
2. Gauge #16 G.I. Sheet room internal ducts machine bended and spray painted.
3. Multi-directional type air grilles (per your plan drawing).
4. Plastic Diffusers, honeycomb designed air diffusers.
5. All ducts openings to the walls and ceiling sealed with silicon rubber only.
6. Cutting of panels for duct work-sealing/framing provisions.

VI. OTHER CONDITIONS UNDERTAKEN.

1. Units I and II are reversible
2. Units I and II are fabricated as a single unit; with access windows provided.
3. Blind rivets used on Duct fastened to the wall with  
L 11/2 X L 11/2/

Thank you very much for the opportunities given us to serve your requirements.

Very truly yours,



LUIS M. GOMEZ JR.  
Sales Manager

AIRE TEMP TECHNOLOGISTS, INC.