

RFQ No: R0062 HOSPITALITY COST COMPARISON REPORT Comp. Date: 15/01/Vendor Name: PIONEER PROJECT SOLUTION Vendor Name : ANJLE MEP PROJECTS PVT LTD Vendor Name : Mahamaya Engineering Contact Name : Mohd Ashraf Contact Name : Priyanka/Premkant Rajpoot Contact Name : Yash Katoch RFQ Date: 15/01/2 Vendor City: Vendor City endor City : Delh Telephone # BCD Date: 15/01/20 Telephone # Telephone # Mobile # : Mohile # · Mobile # : 9205300857 Email : projectspioneer@gmail.com Email : anjlemepprojects@gmail.com

PR Number: TFSPL-2324-00122 Email: mahamaya.engineering1@gmail.com Package / RFQ Name : BOQ for HVAC for Delhi T1-Subway Outlet Round # : 3 (RFQ) Round # : 3 (RFQ) Round # : 3 (RFQ) Techanical Score Techanical Score Currency :INR Quotation Date: Quotation Date : Quotation Date : BUDGET PRICE : .00 Quotation Validity Date Quotation Validity Date Sr No. Item Code Item Description UOM Qty Unit Price BOQ for HVAC for Delhi T1-Subway Outlet Prices shall be based on supply, installation, testing commissioning (SITC) at site including all taxes, duties, transportation insurance etc. CHILLED WATER TYPE CEILING SUSPENDED AHU (AIR HANDLING UNIT) Supply and assembly of Ceiling Suspended Double skin cabinet type AHU Integrated (Air handling units) of following specifications Frame Structure It shall consist of 48mm Extruded Aluminium with thermal break profile. Panel 45mm + - 2mm thick double skin sandwich panels with rockwool insulation of density 64 kg m3 or PUF insulation of 48 kg m3, The sheet thickness shall be minimum 0.6 mm for the outer skin precoated and 0.8 mm thickness for the inner skin of plain GI. Mixing Box shall be provided wherever specified in the drawing. Filtration Section It shall be provided with single stage washable type of prefilter MERV 8 first stage which shall be placed before coil section. Coil Section Chilled water coil Multi row deep constructed with Aluminium fins of min 0.11mm thick 12 Fins per inch, and copper tubes of min 27 Guage thickness HYRDOPHYLLIC coated fins. Copper tube shall be min 12.5mm diameter. AHRI certified coil. The coil face area velocity shall not exceed 2.5m sec (500 . Drain Pan Condensate drain pan shall be fabricated from 18G SS 304 powder coated, insulated with 13 mm thick closed cell elastomeric(nitrile rubber) insulation. Fan Section SISW DIDW Direct drive backward curved fan, The fan section shall be provided with limt switch for safety to shut off fan during Opening of access door. Fan outlet velocity not to exceed 1600 FPM. The sound level shall not be exceed more than 60dB @ 1m from the source. Vibration isolators, Door Limit switch, UV Lamp as per Technical Specifications, AHU Summary Sheet and drawings. Total static pressue has to calculated by Contractor as per the configuration. Other Details AHU to house control box terminal box with Auto-Manual switch and incomer power terminal, with SPP, Over Undervoltage protection, shortcircuit protection and with no-nc contacts (potential free contact) to be provided for tripping on signal from Fire Dampers Fire Alarm Panel. Power cable rom Terminal box to motor control cabling of required size upto the thermostat sensor etc. to be provided. Internal electrical and control wiring of AHU to be provided as factory fitted from AHU supplier. The cost shall include all necessary supports accessories required for installation. Contractor shall design the chilled water coil according to the following conditions a. Coil air entering temperature - 75.4°F DB b. Coil air leaving temperature - 54 deg. F DB 52.99 deg. F WB c. Chilled water temperature entering - 7.0 deg. C 44.6 deg. F d. Chilled water temperature leaving - 12 deg. C 53.6 deg. F Capacity Tonnage Type (Cfm) (mm WG) Rows 2000 4.2 1,80,000 23 LHS RHS VALVE station location to be confirmed. Fan outlet velocity - 1600 FPM Contractor shall submit static pressure calculation for all above units to Client Consultant. Any change in motor HP shall be made at no extra cost to client. Fan efficiency shall be minimum 75% The cost shall be included liftting shifting of each equipment material with all necessary arrnagement. Also, it shall be included the cost of scaffloding equired for Installation of such material equipment. VENTILATION SYSTEM 76 3 1 KITCHEN EXHAUST AIR FAN WITH WET SCRUBBER SITC of Cabinet type Ventilation fan with Centrifugal Blower, Belt Direct Drive, Statically Dynamically Balanced, Backward Curved Impeller, Speed regulat Dunlop Anti- Vibration Pads, etc. Motor should be TEFC squirrel cage, IP 55 rating with Class F Insulation, suitable for 3phase, 415 volts, 50hz power supply. Sound level should be 65dB @ 3mtr distance. MERV 8 G4 pleated pre-filters should be made of 100% synthetic media to capture common airborne contaminants as per ASHRAE Standard 52.2. Fan shall be BMS compatible. Power will be provided 5 ft away from fan and necessary control wiring with plug will be provided by AC contractor. (Vendor to crosscheck static pressure calculation) Make Kruger Nicotra Systems Air EXHAUST FAN WITH OUT OF STREAM MOTOR 650mm @ 25mm ESP 95000 95.000.00 85400 85.400.00 35000 3.50.000.0 FRESH AIR FAN WITH MERV 8 81 500mm @ 25mm ESP 1,65,000.00 8500 85.000.0 7850 78,500.0 16500 84 Fan outlet velocity - 1600 FPM All cabinet fans should have plenum section. Fresh air fan should to have 6mm thick synthetic media washable filter with framework. Contractor shall submit static pressure calculation for all above units to Client Consultant for their approval. Also, the total static drops across the systems shall cover the overall length from suction discharge to grille (inside the outlet). 87 Any change in motor HP or coil selection shall be made at no extra cost to client. 88 Fan efficiency shall be minimum 75% The cost shall be included lifting shifting of each equipment material with all necesaary arrnagement. Also, it shall be included the cost of scaffloding equired for Installation of such material equipment SUB-TOTAL