KIRKFIELD WESTWOOD COMMUNITY CENTRE, INC.

165 Sansome Avenue, Winnipeg, Manitoba R3K 0N8
Telephone: **(204) 832-0038** • Fax: **(204) 888-0912** • Keith Bodley Arena: **(204) 832-1175**
Website: www.kirkfieldwestwoodcc.com • Email: kwcc@mb.sympatico.ca

RECEIVED 6/5/2004

MAY 4/04

PAT:-
PLEASE FIND ENCLOSED QUOTES FOR GUARDED STATUS + EXHAUST SYSTEM UPGRADE.
THESE CHANGES ARE REQUIRED DUE TO CHANGES IN LEGISLATION BY THE MANITOBA LABOUR + IMMIGRATION FOR REFRIGERATION PLANTS.

AMMONIA MASTER RE-RIGGERATION QUOTE :- $15,469.48
GUARANTEED LIGHTING MAINTENANCE QUOTE :- $2,850.00
PROTELAC ALARMS (ESTIMATE TO HOOK UP MONITORING OF SYSTEM WHEN BUILDING UNOCCUPIED) $1000.00 (APPROX.)

POSSIBLE MISC. UNKNOWN COSTS/OVERRIDES $800.00

TOTAL COST OF PROJECT - $20119.48

PLEASE NOTE COST DOES NOT INCLUDE APPLICABLE TAXES.

PAT:- BESIDES WHAT WE HAD DISCUSSED Re:- LAND DEDICATION. IS THERE ANOTHER FUND FROM AN AGENCIES CALLED WINNIPEG FOUNDATION.

THANKS AGAIN FOR YOUR CO-OPERATION IN THIS MATTER.

REGARDS M. Lethbridge GENERAL MANAGER.

AMMONIA MASTER REFRIGERATION Ltd.

INDUSTRIAL - COMMERCIAL
REFRIGERATION - AIR CONDITIONING - HEATING

April 27th / 2004

Reference No.: R-1161
Revision No.: 1

KEITH BODLEY ARENA
165 Sansome Street
Winnipeg, MB

Attention: *Mr. Mike Harbow*

Phone: (204) 832 1175
Fax: (204) 888 0912

Re: ***Guarded Status Panel and Exhaust System Upgrade***

Mike,

Please find the following as our quote price to supply and install a guarded status sub-panel and perform listed modifications below to the compressors to be suited with safety features as required by the ***Department of Labour*** .

Our price includes the following material and services, please review;

Guarded Status Sub-Panel:

- *One NEMA-12 enclosure,*
- *One control breaker,*
- *Two alarm modules,*
- *Terminal strips,*
- *Two oil failure switch alarm input and out puts,*
- *Two high pressure switch alarm input and out puts,*
- *Two high discharge temperature control alarm input and out puts,*
- *Two high jacket water temperature control alarm input and out puts,*
- *Two jacket water pressure switch alarm input and out puts,*
- *One high ammonia leak alarm input and out put, (300 ppm)*
- *One panel mounted buzzer and silencer button,*

Three-Way Oil Pressure Testing Valves:

Are proposed by the Department of Labour to enable inspectors to perform an oil pressure test on the compressor oil failure switch at any given time. We will supply and install the items listed below, please review;

- *Three stainless steel three-way ball valves,*
- *Compression adaptors, connectors, elbows and unions,*
- *Steel tubing and fasteners,*

AMMONIA MASTER REFRIGERATION Ltd.

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165 Sansome Street
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Phone: (204) 832 1175
Fax: (204) 888 0912

Re: ***Guarded Status Panel and Exhaust System Upgrade***

continued,

Exhaust & Ventilation Upgrade:

After our site visit, we have discovered that the existing exhaust fan's capacity is below the minimum requirement according to B-52 mechanical code. Therefore, we have selected a fan to boost the capacity of you existin ventilation system up to the required CFM. We will supply and install the following, please review;

- *One exhaust fan c/w gravity back draft dampers,*
- *One air intake damper c/w motorized damper,*
- *One rain hood c/w bird screen & insulation,*
- *Openongs in the wall for both damper & new exhaust fan,*

Relief Valves, Deadman's Purge Valve and Relif Line Modifications:

Supply and installation of relief valves on compressors, oil pot and chiller c/e required piping modifications as per D.O.L.'s specifications.

Our Selling Price: _____ **$ 15,469.48**
Applicable Taxes *Extra*

MATERIAL and SERVICES NOT INCLUDED IN OUR PRICE:

- interconnecting wiring between the main and sub-panel,
- wiring modifications to and from the safety switches,
- material and parts to be reused found to be defective,
- cutting and patching of walls & roof,
- modifications to electrical control panel and field wiring,

AMMONIA MASTER REFRIGERATION Ltd.

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Attention: *Mr. Mike Harbow*

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Re: ***Guarded Status Panel and Exhaust System Upgrade***

continued,

We are confident that the above provided information will be helpful in your decision making. Please do not hesitate to contact us if you should have any questions and/or concerns.

Yours truly,

(Designing, Estimating & Manufacturing Dept.)
FH/fh

GUARANTEED LIGHTING MAINTENANCE LTD.
ELECTRICAL CONTRACTORS / LIGHTING SPECIALISTS

184 WYATT ROAD - WINNIPEG, MB. R2X 2X6
TEL. (204) 633 6693
FAX 694 3350

QUOTATION

TO: MIKE KEITH BODLEY ARENA

FROM: BRUCE SHUMSKI

DATE: May 4, 2004

PROJECT: COMPRESSOR ROOM CONTROL AND VENTILATION UPGRADES

OUR PRICE FOR THE ELECTRICAL SCOPE OF WORK IS BASED ON THE FOLLOWING;

1. WIRE AND CONNECT NEW EXHAUST FAN AND MOTORIZED DAMPER
2. SUPPLY AND INSTALL NEW EXHAUST FAN ON / OFF SWITCH, EMERGENCY SHUT OFF SWITCH AND AUDIO / VISUAL SIGNALING DEVICE ALL LOCATED OUTSIDE OF THE COMPRESSOR ROOM.
3. WIRE AND CONNECT NEW CONTROL PANEL AND CONTROL DEVICES ON COMPRESSORS.
4. PROVIDE ALL INTERLOCK WIRING WITH EXISTING AMMONIA SENSING PANEL AND COMPRESSOR CONTROL PANELS AS DISCUSSED ON SITE.

LOT PRICE FOR THE ABOVE $ 2,850.00

PST AND GST EXTRA

* PRICING DOES NOT INCLUDE TELEPHONE LINE OR CONDUIT FOR MONITORING