

SCOPE OF WORK

Project 676-16-114: Replace Roofing B-424 (Construction) VA Medical Center, Tomah, Wisconsin B-424

Provide work as per Scope of Work outlined below (reference attached specifications and drawings for additional details):

Provide work in accordance with federal, state and local authorities and well as PG-18 VA Specifications Guide Manual and ASHRAE 90.1(-2013)

Project conditions: This project consists of removal of 33,000 square feet of PIB roofing over old white crumbling ISO board insulation. There are many repaired spots. This includes areas up to upper mezzanine level roof. The under roofing pans are pre-cast concrete roofing panels sealed and grouted.

- a) Replace the main kitchen/dining hall roof, the mechanical room mezzanine roof, the loading dock roof and the attached lower mechanical roof overhang.
- b) Provide demotion and removal of roofing material and insulation material.
- c) Provide disposal of demo material and dumpsters. Provide refuse weight tickets. Provide recycling of materials when required.
- d) Repair any steel imperfections, perforations and penetrations as discovered.
- e) Provide cleaning and preparation of concrete deck surface.
- f) Provide and install roofing edge wooden blocking to raise the parapet wall to an additional height required for the increased insulation. (**Contractor to Field Verify**).
- g) Provide new roof drip edge and parapet wall flashing. Match existing Stainless Steel color.
- h) Install new roofing insulation or equal foam board thickness as per roofing guide to meet (ASHRAE 90.1-2013) Zone 6 standards for R-30 continuous insulation (ci) mechanically fastened insulation. Roofing insulation to start at the wall and arranged to taper at the drains. This includes the Mezzanine roof. (**Contractor to Field Verify**)
- i) Raise roofing drains to mate with insulation. (Exterior connection work). Install new roof drain gratings as required.
- j) Install new EPDM rubber roofing material 60 mil thickness in accordance with installation guide. Provide extended 20 year warranty.
- k) Extend any plumbing and steam vents as required.
- l) Seal all plumbing, exhaust and other roof penetrations as required.
- m) Remove and provide disposal of the unused satellite dish antennae. Pull back and cut cable connection and seal. Provide disposal weight ticket.
- n) Repair loose roofing access ladders to the mezzanine. Paint all roof access ladders with exterior metal grade black paint.
- o) *Raise Air Handling Unit Trunks and Ventilation stacks as required for increased*

insulation.

- p) Provide demo and disposal of abandoned steam heat exchanger in Room 1527. Demo and remove abandoned 4 - inch steam valve relief piping through the roof. Seal penetration opening and repair.*
- q) Demo and seal abandoned ventilation exhaust ducts (3). Infill and seal over.*
- r) Provide and install new equipment servicing walk way paver pads to all roof top mounted ventilation and heating equipment.*
- s) Provide and install 2 scupper roof drains and downspouts for the loading dock roof. This area insulation can be R-15.*
- t) Provide and install 1 scupper roof drain for the small west loading dock overhang. This area can be R-15 insulation.*
- u) Provide and install 10 anti-fall protection anchors points for all sides of the roof and mezzanine.*
- v) Provide all construction and inspection reports as required.*

(END OF SECTION)