

DIVISION 0 - GENERAL CONDITIONS

00004 ARCHITECTURAL/ENGINEERING FEES

- ARCHITECTURAL FEES
- PLAN REVIEWS
- PERMITS AND ENGINEERING FEES FOR MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION
- *NOTES*- ARCHITECTURAL FEES INCLUDE PLAN PREPARATION THROUGH STATE AND LOCAL PERMITS. PERMIT COSTS AT STATE AND LOCAL LEVELS INCLUDE PLAN REVIEW COSTS. EVERY POSSIBLE EFFORT HAS BEEN MADE TO INCLUDE REQUIREMENTS BY LOCAL AND STATE CODES. HOWEVER, OFFICIAL CODES REVIEWS ARE SCHEDULED ONLY AFTER PERMIT AND REVIEW COSTS ARE PAID. THEREFORE, ANY BUILDING CHANGES (WHICH INCREASE OUR COST) REQUIRED BY OFFICIALS UPON REVIEWS, WILL BE CHARGED AT OUR COST PLUS 15% IN ADDITION TO STATED PRICE IN THIS PROPOSAL.

01036 SUPERVISION

- *CONSTRUCTION OR PROJECT MANAGER* TO COORDINATE THE ENTIRE PROJECT
- TO ENSURE SCHEDULE, BUDGET, AND QUALITY
- *SUPERINTENDENT* ASSIGNED TO MANAGE DAILY ACTIVITIES
- *SAFETY DIRECTOR* TO ASSURE OSHA GUIDELINES AND REGULATIONS ARE FOLLOWED AS WELL AS GENERAL SAFETY PRACTICES

01040 INSURANCE

- ALL LIABILITY AND WORKMAN'S COMPENSATION INSURANCE
- BUILDER'S RISK COVERAGE
- A CERTIFICATE OF INSURANCE WILL BE PROVIDED UPON REQUEST

01082 SITE SURVEY

THIS PROPOSAL EXCLUDES ANY WORK IN THIS DIVISION

01510 TEMPORARY UTILITIES

- PORTABLE, CHEMICAL TYPE TOILETS
- CONSTRUCTION FIELD OFFICE AS NEEDED
- STORAGE/TOOL TRAILERS AS NEEDED
- TEMPORARY POWER, LIGHTING AND HEAT

01750 CLEAN UP

- DAILY CLEAN UP OF TRASH AND DEBRIS
- FINAL CLEAN UP CONSISTING OF WAXING FLOORS, CLEANING WINDOWS, CABINETS, DOORS, ETC .

THIS SECTION DOES NOT INCLUDE

- REMOVAL AND DISPOSAL OF ANY EXISTING CONTAMINATED MATERIALS

01999 EXCLUSIONS - THE FOLLOWING ARE STANDARD EXCLUSIONS AND INCLUDE, BUT ARE NOT LIMITED TO;

SETTING OR LOCATING OWNER'S EQUIPMENT

- ANY OFFICE INTERIOR DESIGN AND/OR FURNISHINGS
- PERFORMANCE AND PAYMENT BOND (CAN BE PROVIDED AT A MAXIMUM RATE OF \$12.00/ 1,000.00 COST)
- ENVIRONMENTAL PERMITS
- REMOVAL OF HAZARDOUS MATERIALS AND/OR WASTE
- GEOTECHNICAL INVESTIGATION AND REPORT
- TOPOGRAPHIC AND BOUNDARY SURVEY
- PROCESS EQUIPMENT INSTALLATION
- ANY INSURANCE COVERAGE NOT SPECIFIED IN SECTION 01040
- SOLID ROCK AND/OR TRENCH ROCK REMOVAL

DIVISION 2 - SITE WORK

02070 DEMOLITION

- AS REQUIRED BY SCOPE OF WORK
- SOLID AND/OR TRENCH ROCK (IF ENCOUNTERED) TO BE REMOVED ON A UNIT COST BASIS IN ADDITION TO ANY STATED PRICE IN THIS PROPOSAL

02110 GRADING/EXCAVATION

- SITE PREPARATION
- STRIPPING AND RE-SPREAD OF TOPSOIL
- BUILDING PAD PREPARATION
- FOOTING EXCAVATION
- REMOVE EXCESS MATERIALS FROM SITE
- IMPORTING NEEDED MATERIALS TO SITE
- EXISTING SOIL BEARING CAPACITY ASSUMED TO BE A MINIMUM OF 2500 PSF.
- MISC EXTERIOR GRAVEL- 6" DGA ON O.H. DOOR DRIVE 134 TON

02230 SUB BASE *

- COMPACTED DENSE GRADE AGGREGATE FOR ASPHALT PAVING APPROX 1,133 TONS

02280 SOIL POISONING

- STAKING - APPROX 10 HRS
- REMOVE TOPSOIL- APPROX 8,000 YDS
- CUT & FILL APPROX -17,000 YDS
- REPLACE TOPSOIL & F. G.- APPROX 4,000 YDS

2510 ASPHALT PAVING
HEAVY DUTY – 22,000
8DGA-3 BASE-1 SURFACE

- (8") DGA- 1,133 TON
- (3") BASE COURSE ASPHALT -423 TONS
- (1") SURFACE COURSE ASPHALT- 140 TONS

02710 STORM DRAINAGE

- (4) HRS STAKING
- (1) DRYWELL
- (2) HEADWALL
- (80') 15" CMP

02830 CHAIN LINK FENCING

- NONE AT THIS TIME

02930 SEED/SOD

- 1000' SILT FENCE
- (4) AC SEEDING

02950 LANDSCAPING

- AN ALLOWANCE OF \$6,000.00 IS INCLUDED

DIVISION 3 - CONCRETE

03110 GRADE BEAMS

03310 SLAB ON GRADE

- 100,000 S.F. X 6", INCLUDES 1" INSULATION BOARD, 1/2" EXPANSION AND 6 MIL. POLY VAPOR BARRIER. PRICED AS 4000 PSI CONCRETE WITH COMMERCIAL FIBER.
- MIL POLYETHYLENE VAPOR BARRIER

- (3) PIT LEVELERS WITH EDGE ANGLES INCLUDED
- 4" OF DGA – 2600 TON
- 4" DGA FOR DOCK PAD 162 TONS
- (208) TON ALLOWANCE #57 INTERIOR BACKFILL GRAVEL

03312 FOOTINGS

- FOUNDATIONS, SPREAD FOOTINGS, PIER FOOTING TO BE DESIGNED AND INSTALLED PER CODES
- STRUCTURAL ENGINEERING FOR FOUNDATIONS
- 205' X 2' X 12" CONTINUOUS FOOTERS
- 205' X 5' X 8" DOCK FOOTINGS
- 1120' X 2' X 8" GRADE BEAM
- (18) 8' X 8' X 12" SIDEWALL FOOTERS
- (16) 6' X 6' X 12" SIDEWALL WIND FOOTERS
- (18) 5' X 5' X 12' END WALL FOOTERS
- (28) 8' X 8' X 14" INTERIOR FOOTERS

03500 EXTERIOR CONCRETE

- 40' X 80' X 6' WITH 6X6 10-10 W.W.M. DOCK PAD
- (4) DGA, MATERIAL AND PLACE – (1,222) TON ALLOWANCE
- (1) APRON(S) (5' X 16' X 6")
- (6) DOOR STOOP(S) (5' X 5' X 4")
- (12) BOLLARDS X (6") – SET AND FILLED, ESTIMATED 2 AT EACH PIT LEVER AND AT EACH SIDE OF THE O.H. DOOR INSIDE AND OUT, 2 AT SPRINKLER RISER
- 5 FT X 120 SIDEWALK

DIVISION 4 – MASONRY NONE AT HIS TIME

DIVISION 5 - STEEL

05122 STRUCTURAL STEEL

- ALL STRUCTURAL STEEL PER REGISTERED STRUCTURAL ENGINEER'S DESIGN

05123 PRE-ENGINEERED STEEL BUILDING

- ALL PRE-ENGINEERED STEEL BUILDING COMPONENTS MANUFACTURED BY KIRBY BUILDING SYSTEMS
- IBC2002 BUILDING CODE
- BUILDING TO BE 250' WIDE X 400' LONG X 30' EAVE HEIGHT
- (5) BAYS AT 50' WITH BAR JOIST
- BC4 WITH 50'-0 SPACING
- SIDE WALL COL. SPACING IS 25'-0
- 24 GA. STANDING STEAM ROOF WITH 20 YEARS FINISHED WARRANTY
- 26 GA WALL PANELS
- 4" INSULATION W/REINFORCED BACKING, ROOF & WALLS
- FRAMED OPENINGS
 - (6) PREMIUM MAN DOORS – 3/0 X 7/0 WITH CLOSER/LEVER LOCK/LOCK GUARD
 - (3) 9' X 9' OVERHEAD DOORS
 - (1) 14'-0 X 14'-0 OVERHEAD DOORS
 - (10) 5'-0 X 5'-0 FRAMED OPENINGS FOR FANS & LOUVERS
- ROOF SLOPE TO BE .25:12
- LOADINGS TO BE AS FOLLOWS; 20/2 PSF LIVE/MINIMUM LIVE LOAD, 90 MPH WIND LOAD, 5 LB/PSF COLLATERAL LOAD, B WIND EXPOSURE
- 0.129 SIZEMIC ZONE FACTOR OF ONE
- D SITE CLASS
- (1) EXPANDABLE ENDWALL

DIVISION 6 - WOOD AND PLASTICS

06100 GENERAL CARPENTRY

- WOOD FRAMING, WOOD BLOCKING, WOOD FLOOR, ROOF SHEETING AND INTERIOR TRIM TO BE AS DETAILED BELOW:
- ALL WOOD MATERIALS TO BE DRIED AND GRADE STAMPED.

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

07218 THERMAL INSULATION

- *FIBERGLASS BATT INSULATION AT METAL STUD WALLS TO BE R-11 UNFACED FIBERGLASS BATTING*
- *R-19 UNFACED FIBERGLASS BATTING ABOVE CEILING*

07620 GUTTERS AND DOWNSPOUTS – AS PROVIDED BY KIRBY

07910 CAULKING

- ALL EXTERIOR DOORS AND WINDOWS
- CAULKING TO COMPLY WITH ASTM C834

DIVISION 8 - DOORS AND WINDOWS

8110 HOLLOW METAL DOORS AND FRAMES

- *(5) METAL HOLLOW FRAMES*

8205 SOLID DOORS AND WOOD CORES

- *(5) SOLID DOORS AND WOOD CORES*

08360 OVERHEAD DOORS

- (1) 14' X 14' MODEL 432
- (1) MODEL JST OPERATOR

- (3) 9 ' X 9' MODEL 432
- (3) 6' X6 MODEL M6625
- (3) MODEL RTV40 DOCK SHELTERS
- (3) DOCK LIGHTS

DIVISION 9 – FINISHES

IN OFFICE ALLOWANCE AS SHOWN ON ATTACHED FLOOR PLAN

09260 GYPSUM BOARD

- ALL GYPSUM BOARD TO BE 5/8

09261 SHEATHING BOARD

- *3/4 FIRE TREATED PLY WOOD*

09262 METAL STUDS

- *METAL STUD WALLS 20 GAUGE ON 16 OC*
- *METAL STUD JOISTS 18 GAUGE ON 16 OC*

09660 TILE

- *ALL OFFICE AND BATHROOM AREAS*

09670 VINYL BASE

- *ALL OFFICE AND BATHROOM AREAS*

09900 PAINTINGS

- *PAINT WALLS (1) COAT PRIME*
- *PAINT WALLS (2) COATS FINISH IN OFFICE AND RESTROOMS*
- *PAINT DOORS & CASINGS (2) COATS*

DIVISION 10 – SPECIALTIES

NONE AT THIS TIME

DIVISION 11 - EQUIPMENT

- 11161 DOCK LEVELERS**
– (3) PIT LEVERS WITH EDGE ANGLES INCLUDED
- 11163 DOCK SEALS**
– (3) MODEL RTV 40 DOCK SHELTER
- 11164 DOCK RESTRAINT PLATES**
– (3) PLATES ONLY
- 11165 DOCK LIGHTS**
– (3) STANDARD LIGHTS
- 15112 GAS PIPING (INTERIOR)**
– 60'-2" SCREWED BLACK PIPE
– (2) GAS REGULATORS
- 15113 PLUMBING FIXTURES & EQUIPMENT**
– (2) HAND CLOSETS
– (2) WALL HUNG LAVS
– (1) WATER HEATER
– (1) *OPEN RECEPTACLE*
– (1) *DRINKING FOUNTAIN*
– (1) *MOP SINK*
– (1) *EXTERIOR WATER FAUCET*
- 15120 PLUMBING (EXTERIOR)**
– DOMESTIC WATER SERVICE
 (2) HRS STAKING
 (1) WCWD FIRE PIT-8" METER
 FIRE HYDRANT ASSEMBLY
 8" C-900 FIRE LINE
 8' RISERS-1' ABOVE F.F.

- 1" PVC WATER SERVICE
- SANITARY SEWER
 - (2) HRS STAKING
 - (1) LS TAP FEE
 - 6" SERVICE LINE
 - 6" CLEAN OUT
- GAS SERVICE
 - 2' PVC GAS LINE 300'
 - ELECTRIC CONDUITS- 3 RUNS 2.5" CONDUITS

15410 FIRE PROTECTION
INSIDE

- FIRE PROTECTION PER NFPA 13 REGULATIONS
 - 3 SPRINKLER ZONES, NONE COVERING MORE THAN 37500 SQ FT WITH HEAD SPACING AT 100 SQ FT PER HEAD INSTALLED
 - 1000 HEADS
 - FIRE PANELS TO BE PROVIDED AND INSTALLED
 - INSTALL FLOW SWITCHES AND TAMPER SWITCHES ON SPRINKLER SYSTEM
 - *LIGHT HAZARD OCCUPANCIES OFFICE*
 - *SPECIAL ESFR – WAREHOUSE*
 - *PENDANT HEADS (1000) WAREHOUSE (4) OFFICE*
 - *(1) FIRE PUMP*
 - *(3) WET VALVE ALARMS*
 - *(3) FLOW SWITCHES*
 - *(1) INSIDE BACK FLOW – SIZE (8)*
 - *HORSEPOWER OF THE PUMP AND K RATING OF THE SPRINKLER HEADS WILL BE DETERMINED AND PROVIDED BASED ON THE CALCULATIONS PROVIDED BY WARREN COUNTY WASTER DISTRICT*
- OUTSIDE**
- NONE AT THIS TIME

15540 HVAC

- (3) 63"x63" WALL MOUNT 60,000 CFM EXHAUST FANS WITH GRAVITY SHUTTERS AND WEATHER HOODS.
- (7) 42"x42" 9 WALL MOUNT 25,000CFM SUPPLY FANS WITH MOTORIZED LOUVERS AND 90 DEGREE WEATHER HOODS.
- 0 DEGREE TURN DOWN HOODS WITH BIRD SCREEN MOTORIZED DAMPERS INTERLOCKED WITH EXHAUST FANS
- (1) APPLIED ROTATION 3.25 MILLION BTU AIR TURN =OVER UNITS TO PROVIDE HEAT FOR WAREHOUSE

OFFICE AREA

- *(1) 13 SEER 1.5 TON A/C SYSTEM WITH 90% NATURAL GAS FURNACE.*
- *(2) RESTROOM EXHAUST FAN FOR OFFICES.*

WAREHOUSE AREA

- *(1) 3.25 MILLION BTU/HEATING ONLY AIR ROTATION*
- *(7) SIDEWALL EXHAUST PROP FANS WITH GRAVITY SHUTTERS AND HOODS.*
- *(7) SIDEWALL SUPPLY FANS WITH INTERLOCKING MODULATION DAMPERS AND HOODS.*

DIVISION 16 - ELECTRICAL

16100 CONDUITS AND WIRE

- INTERIOR
 - CONCEALED – MC FLEXIBLE AND EMT CONDUIT, EXPOSED - EMT CONDUIT, EXPOSED - IMC CONDUIT FOR TRANSFORMERS AND ELECTRIC PANEL FEEDERS, EQUIPMENT CONNECTIONS – GREENFIELD FLEXIBLE CONDUIT
- EXTERIOR
 - ABOVE GRADE - EMT CONDUIT, BELOW GRADE - PVC

SCHEDULE 40, EQUIPMENT CONNECTIONS - FLEXIBLE
LIQUIDTITE CONDUIT

- COPPER WIRE
 - #12 AND LARGER THHN STRANDED, BELOW GRADE
 - THWN STRANDED
- *NOTES*
 - SOLID AND/OR TRENCH ROCK (IF ENCOUNTERED) TO BE REMOVED ON A UNIT COST BASIS IN ADDITION TO STATED PRICE IN THIS PROPOSAL
 - SWITCH(ES) AND RECEPTACLE(S) TO BE IVORY UNLESS OTHERWISE SPECIFIED
 - EXTERIOR RECEPTACLES TO BE IN RAIN TIGHT BOXES WITH BUBBLE COVERS

16110 DEVICES/DEVICE PLATES

- (30) RECEPTACLES - 20A 120V WAREHOUSE
- *(9) RECEPTACLES - 20A 120V OFFICE*
- *(2) RECEPTACLES - 20A 120V GFCI OFFICE*
- *(5) SWITCHES OFFICE*
- *(2) SWITCHES WAREHOUSE*

16200 ELECTRIC SERVICE

- SERVICE ENTRANCE TO BE UNDERGROUND
 - 100' PRIMARY DITCH
 - 25' SECONDARY DITCH
- SERVICE SIZE TO BE 800 AMP / 480 V 3 PHASE 4 WIRE
- *SERVICE ENTRANCE FOR FIRE PUMP 200AMP*

16300 LIGHTING (INTERIOR)

- (165) I-BEAM HI-BAY FLUORESCENT WAREHOUSE
- (25) I-BEAM HI-BAY FLUORESCENT WITH BATTERY BACK-UP WAREHOUSE

- (4) *FLUORESCENT 3 LAMP LIGHT FIXTURES OFFICE*
- (2) *FLUORESCENT 2 LAMP LIGHT FIXTURES OFFICE*

16310 LIGHTING (EXTERIOR)

- (18) WALL MOUNTS -175 WATT METAL HALIDE- WITH PHOTO CONTROL

16320 FIRE AND SAFETY LIGHTING

- (6) EXITS WITH BATTERY BACK-UP
- (6) EMERGENCY EGRESS WITH BATTERY BACK-UP
- SPRINKLER MONITORING SYSTEM WITH ONE YEAR MONITORING

16400 SPECIALTIES

- TELEPHONE AND CABLE 100' UNDERGROUND
- (2) *PHONE/DATA (STUB OUT TO ACCESSIBLE AREA) OFFICE*
- (2) *EXHAUST FANS 80CFM OFFICE*

16500 EQUIPMENT WIRING

- (1) AIR ROTATION UNIT
- (7) MAKE-UP FANS 5HP
- (3) VENTILATION FANS 10HP
- (1) *A/C UNIT 1 1/2 TON OFFICE*
- (1) *FURNACE OFFICE*
- (1) *WATER HEATER 6 GAL. 120V*
- (1) *FIRE PUMP*

16510 WIRING FOR OWNER-FURNISHED EQUIPMENT

THIS PROPOSAL EXCLUDES ANY WORK IN THIS DIVISION

