



Specializing in Cold- Formed Steel Solutions

COLD-FORMED STEEL TRUSS PACKAGE COST PROPOSAL

Job Name

Prepared For

Prepared by



Proposal Date: **06/30/2019**

Proposal #:

Job Name:

TABLE OF CONTENTS

	<u>Page</u>
- Pricing	3
- Documents	4
- Special Notes	4
- Standard Qualification / Exclusions	5
- Delivery And Erection Schedule	8
- Acceptance of Proposal	8

Proposal Date: 06/30/2019

Proposal #:

Job Name:

PRICE FOR: CFS Trusses And Metal And CDX Plywood Deck (Furnish And Install) Base Bid

	Scope		✓ Included	✗ Excluded
Trusses	✓ Permanent Bracing	✓ Bearing Clip	✗ Soffit Framing	
	✓ Outlookers	✓ Shear blocking	✓ Sealed Truss Calculation	
Bent Plate Light Gauge Only	✓ Eaves	✓ Ridges	✓ Valleys	✓ Hips
Roof Deck	1 1/2" Type B 22 gauge G60 Finish Metal Roof Deck. 3/4" CDX Ext Grade Plywood Roof Sheathing (Not FRT, Not FSC).			
Installation	✓ Trusses	✓ Bracing	✓ Soffit Framing	
	Outlookers	Clips	Metal Deck(Mechanical Fastener)	
	✓ Plywood	✓ Bent Plate	✓ One Mobilization	
			Sales Tax	
Total price including tax FOB: Plant, Freight allowed:				

TERMS OF SALE AFTER CREDIT APPROVAL:

WE WILL INVOICE ON A MONTHLY BASIS FOR MATERIALS RECEIVED IN OUR FACILITIES, FOR ENGINEERING, AND FOR SHOP AND FIELD LABOR EXPENDED DURING THE BILLING PERIODS. NO RETENTION ALLOWED. PRICE VALID FOR 30 DAYS FROM THE PROPOSAL DATE ONLY AND MUST SHIP WITHIN 90 DAYS.

The above pricing is based on current prices for the steel necessary to complete this project as of the date of this quote. Due to the volatility of the steel market, any increase or decrease in the price of the steel to United Structures for this project at the time the material is shipped to United Structures facilities will result in a corresponding dollar for dollar increase or decrease in the subcontract price.

Proposal Date: **06/30/2019**

Proposal #:

Job Name:

THE FOLLOWING INFORMATION WAS USED IN PREPARATION OF THIS PROPOSAL:

Drawings: A0.1, A0.2, A1.1-A1.18, A2.1-A2.3, A3.1-A3.6, A4.1-A4.5, A5.1-A5.8, A6.1-A6.5, A7.1-A7.4, A8.1-A8.7, S0.1-S0.3, S1.1-S1.6, S2.1-S2.6, S3.1, S4.1, S4.2, S5.1-S5.9, S6.0-S6.3

Specification: 053100/054500

Addenda(s): Add #1-#2

Building Code: IBC 2015

Wind Speed (Mph): 129.00

	<u>Top chord</u>	<u>Bottom Chord</u>
Live Load (Psf):	20.00	0.00
Dead Load (Psf):	10.00	10.00

SPECIAL NOTES:

Refer to attached United Structures Scope document for job specific inclusion and exclusion information.

- 1) - Exclude 6" Deep Light Gauge Blocking between trusses at all Hips, Ridges, Valleys and Roof Edges. There will be bent plate provided at these locations (Material & Installation).
- 2) - Exclude all framing at Mechanical Mezzanine (Material & Installation).
- 3) - 3/4" CDX Plywood priced only at covered drive area (Material & Installation).
- 4) - Add to Include Alternate as shown on Sheet S2.6 = \$105,006 (Including Sales Tax).
- 5) -
- 6) -
- 7) -
- 8) -
- 9) -

STANDARD QUALIFICATIONS / EXCLUSIONS

Cold-Formed Trusses

- Includes trusses designed with standard cold-formed steel sections as determined by United Structures. Material gauges may vary from 12 ga to 22 ga with minimum yield strength of 33 ksi, unless an alternative minimum gauge is specifically noted on the quote. Galvanization is a minimum of G60 U.N.O.
- Includes truss to structure connections designed by United Structures for applicable loads as specified by EOR on plans. All connection materials to be cold-formed steel. Attachment may be accomplished with mechanical fasteners or welding as determined by United Structures.
- Includes all truss to truss connections as designed by United Structures with cold-formed steel materials.
- Includes all lateral, and permanent web and bottom chord bracing required by United Structures truss design. Bracing material to conform to industry standards. (Alternate bracing material will be excluded U.N.O.)
- Includes Top Chord bracing at piggyback trusses where applicable.
- Includes sealed engineered truss drawings along with unscaled truss placement and bracing plans submitted in electronic format only. Hard copy submittals will be available at an additional cost.
- Excludes all items not listed above or specifically listed on quote. This includes but is not limited to all red iron plates, angles, beams, bent plates, embed plates, and fasteners.
- Excludes framing materials not specifically shown on the plans as trusses are itemized as additional products on the quote. This includes but is not limited to rafters, dormers, temporary and/or permanent wall bracing, soffit framing, diagonal framing to stabilize beams, and all non-structural material.
- Excludes wind shear bracing, blocking or bridging design and/or materials. Where no shear transfer details are shown on plans United Structures will accept no responsibility for the supply or design shear transfer materials. EOR is responsible at all times to specify the actual loads and locations for United Structures use in the design of trusses.
- Excludes all payment and performance bonds, unless specifically included.
- A level, uniform bearing elevation and surface must be provided by others for installation of trussed roof system (with bearing heights as detailed on truss shop drawings). Grouting, topping, shimming, additional framing, etc. required to bring non-compliant bearings into compliance are EXCLUDED – material & installation. This requirement applies to all bearing structures including but not limited to precast concrete, CMU, steel beams, joist, metal deck, stud framing, etc.

Proposal Date: **06/30/2019**

Proposal #:

Job Name:

Metal Deck / Plywood Sheathing

- Includes metal deck or plywood on top of included trusses as quoted U.N.O. Metal deck or plywood material is limited to the product as described in the quote and is shipped in lengths as determined by United Structures. Plywood is assumed to be exterior grade (not fire retardant) U.N.O.
- Includes sheathing material attached directly to trusses. Applications with multiple layers of sheathing will only include the product that directly attaches to the trusses U.N.O.
- Excludes Deck accessories U.N.O.
- Excludes sump pans, cell closures, pour stops.
- Excludes Screws or weld washers U.N.O.
- Applications with plywood sheathing only will not include intermediate support framing. Support for plywood assumed to be on trusses only. No additional blocking, bent angle, clips, etc.
- Applications with fire treated plywood requires a covered storage area to be provided by others.
- Excludes Joint Sealant materials including but not limited to side laps and end laps.

Installation – Trusses

- Includes labor to install products purchased from United Structures only.
- Excludes all other cold-formed products not specifically noted above.
- Excludes all mechanical/ structural connectors not required for attachment of product supplied by United Structures
- Excludes layout and/or placement of products supplied by others.
- Excludes framing support at vertical faces for deck/sheathing.
- Excludes red iron angle and wood nailers if required at deck edge.
- Excludes all metal stud framing such as dormer framing, vertical stud framing, gable end stud framing, and fascia/soffit framing.
- Excludes all wood work U.N.O.
- Excludes field painting or touch-up painting.
- Includes cleanup of United Structures trash to a central dumpster to be provided and hauled off by others. Composite cleanup is not included.
- Excludes all temporary utilities, water, power and sanitary facilities. These must be provided by others.
- Contractor must provide sufficient access to our work area and around the jobsite. United Structures reserves the right to determine whether the access given by the contractor is suitable for the minimum and lightest equipment necessary to erect the trusses. If United Structures is of the opinion that the access provided would be unsuitable or unsafe, the contractor shall be responsible for all costs associated with heavier equipment and increased manpower.
- This proposal anticipates on having sufficient lay-down and storage area within the job site for panelization of trusses, staging of truss panels, cranes, trucks, and equipment and clear unobstructed access to and at all work areas. Removal of all overhead obstructions such as power lines in order to provide a safe area of erection must be provided by others.
- Includes one mobilization unless specified otherwise on United Structures' quote. Additional mobilizations will be invoiced at \$3,500.00 each plus equipment rental cost.
- A level, uniform bearing elevation and surface must be provided by others for installation of trussed roof system (with bearing heights as detailed on truss shop drawings). Grouting, topping, shimming, additional framing, etc. required to bring non-compliant bearings into compliance are EXCLUDED – material & installation. This requirement applies to all bearing structures including but not limited to precast concrete, CMU, steel beams, joist, metal deck, stud framing, etc.

Installation Metal-Deck / Plywood Sheathing

- Includes labor to install deck concurrently with truss installation. Additional mobilizations will be invoiced at \$3,500.00 each.
- Excludes metal deck or plywood sheathing at vertical faces and/or framing support in same locations.
- Includes mechanical fastening of deck product. Welding of deck to trusses is specifically excluded.
- Excludes installation of joint sealing material for metal deck, including but not limited to side laps and end laps.
- Excludes installation of closure strip material for metal deck.
- Plywood to be fastened with power actuated pins. Other fasteners available at additional cost.
- Fire treated plywood becomes the responsibility of the contractor immediately after it is securely fastened to the supporting structures. United Structures is not responsible for warping or delamination of properly installed plywood after installation.

Proposal Date: **06/30/2019**

Proposal #:

Job Name:

General

- All Material is guaranteed as specified.
- All work to be completed in a professional manner and in accordance with industry standards.
- Any alteration or deviation from the referenced drawings, specifications and/or submittals involving additional cost will be performed only by written orders, and will become a change order to this contract.
- United Structures reserves the right to determine schedule times and durations for product included in quote.
- This quote is valid only as a whole. Purchase of individual parts is available at the discretion of United Structures and may vary from the pricing shown.
- All agreements are contingent upon strikes, natural disaster, accidents, or delays beyond our control.
- Quoted prices are valid for 30 days from date of the quote U.N.O.
- Product must ship within 90 days of acceptance of quote or will be subject to additional costs.
- This quotation does not have a guarantee of acceptance. Some factors determining final acceptance of order are United Structures' current capacity, best business judgment, and customer's credit.
- Testing, Test reports, Field Inspections, and Shop Inspections are excluded from this quote and if required will incur additional costs.



Proposal Date: **06/30/2019**

Proposal #:

Job Name:

DELIVERY AND ERECTION SCHEDULE:

The Erection duration for this project will be determined upon issuance of subcontract and review of preliminary project schedule. Erection will commence on a date which must be mutually agreed upon by United Structures and customer.

Acceptance of Proposal:

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Name: _____

Signature: _____

Date of Acceptance: _____

Price: _____