**Construction of a steel framed open covering “Lean-To” with a metal roof** **at the Louisiana State Police Troop “B” facility**

**Location:**

Louisiana State Police –Troop “B”

2101 I-10 Service Road

Kenner, LA 70065

**Scope of Work:**

Contractor shall provide all labor, materials, equipment, and tools to construct a steel framed open covering with a metal roof attached the rear of the mechanic shop located within the Troop B compound.

**General Information:**

Currently there is a concrete slab that is approximately sixteen feet (16’) by sixty feet (60’). It should be noted the slab has twelve (12), thirty foot (30’) pilings that were sunk into the ground. The slab also has a continuous footing around the perimeter and along the rear of the mechanic shop. The pilings are sunk every twelve feet (12’) along the sixty foot (60’) side. There is also a two foot (2’) metal rebar reinforced into the existing mechanic shop slab. The rest of the slab has metal rebar throughout and topped with six millimeters (6 mm) poly.

The rear of the mechanic shop has a brick veneer. There are three (3) vents along the upper portion of the brick wall. From the top of the slab to the bottom of the vents is approximately eight feet (8’) ten inches (10”). There is also one (1), five and one half inches (51/2”) by five and one-half inches (51/2”) metal gutter down spout.

The height of the vents will cause a minimal slope from the brick veneer wall out sixteen feet (16’) to the edge of the slab. Troop B would like to bolt metal post/beams into the concrete which would serve as a foundation to metal rafters that would hold the metal roof. The head room height throughout the underside of the overhang shall be approximately ten feet (10’), increasing to approximately twelve feet (12’) approaching the vents.

**Requirements:**

* Contractor shall cut and remove metal gutter down spout to allow room to fasten trusses and metal roof.
* Contractor shall set seven (7), six inch (6”) by six inch (6”) by ten feet (10’) treated post/beams on existing slab using a Simpson Strong-tie, ABA six inch (6”) by six inch (6”), Zmax wood to concrete, retrofit post base, or equal, at every ten feet (10’).
  + If bidding other than specified, please indicate Make/Model bidding:

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* Contractor shall fasten/bolt seven (7) metal trusses to the wall at twelve feet (12’) height, and at every ten feet (10’) across the wall side. Contractor shall use Blackwater metal angle trusses, or equal.
  + If bidding other than specified, please indicate Make/Model bidding:

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* Contractor shall fasten/bolt the other side of the trusses to the seven (7) posts that are set, dropping at an approximate 2/12 slope.
* Contractor shall use two inch (2”) by six inch (6”) treated lumber to use as runners on top the metal trusses on a two foot (2’) center. Treated lumber shall be twenty feet (20’) in length and should total to approximately five hundred forty linear feet (540 LF) in total length.
* Contractor shall place and fasten a twenty-six (26) gauge metal roof to the two inch (2”) by six inch (6”) treated board material that was previously affixed to the truss. Contractor should use new Commercial R Panel style metal, or equal. The metal will be thirty-eight inches (38”) in width with a two inch (2”) overlap. The length will be approximately seventeen feet (17’). Exact cut length on metal to be determined based on an approximate three inch (3”) overhang from the extension of the metal truss.
  + If bidding other than specified, please indicate Make/Model bidding:

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* Contractor shall flash brick above metal roof
* Contractor shall re-install metal down spout that was previously cut to on top of new metal roof in the location the metal downspout was cut.
* Contractor shall install new six-inch (6”) K-style, metal gutter to the outside of the sixty foot (60’) span with three (3) down spouts. One (1) down spout is to be on each end, and one (1) shall be in the middle. The gutters shall be sandstone in color.

**Warranty:**

* Contractor shall furnish one (1) year warranty for workmanship and project.

**General Notes:**

• Contractor shall verify all dimensions during the mandatory site visit .

• All work shall be done in full compliance with all applicable codes and regulation.

• Contractor shall be responsible for all trash disposal. No dumpster will be provided.

• Contractor shall be responsible for all coordinating and scheduling the work of subcontractors.

• Contractor shall have all materials onsite for inspection and shall be accepted by user agency before work commences.

• Contractor shall protect from damage all adjacent areas. Any damage caused by the Contractor shall be repaired or replaced (at the user agency discretion) at no additional cost to the Owner.

• Contractors shall erect barriers as required to protect workers and the public.

• The ground area around the existing building shall be roughly cleaned and free from any construction materials and debris at all times. Contractor shall not allow demolished materials to accumulate, but promptly remove them from the site.

• All demolished materials and debris shall be disposed of by the Contractor.

• Contractor shall return soil to existing condition if damaged from construction.

• All Contractor’s equipment shall be completely secured at all times, without any possible access by any other persons.

**Planning and Scheduling:**

* Contractor shall coordinate any work with the LSP Troop B Executive Officer. This shall include scheduling of work and the storage of materials.
* After notification by purchase order that the Contractor has been awarded the contract, the Contractor shall contact the Troop B Executive Officer, Lt Justin Berry at (504) 471-2779.
* Before entering agency grounds to commence work, the Contractor must check in with the Mechanic Shop Supervisor, Michael Mayronne, each day before commencing work.
* Work hours to be 7:00 a.m. to 6:00 p.m., Monday through Friday unless approved by Troop B Executive Officer, Lt. Justin Berry.
* Contact Lt. Justin Berry at (504) 471-2779 or Michael Mayronne at (504) 471-2781.