GENERAL BID SPECIFICATIONS

NHSP MOTORCYCLE UNIT

BASE MOTORCYCLE:

2019 Harley Davidson FLHTP Electra Glide

UP-FITTING REQUIREMENTS

<table>
<thead>
<tr>
<th>QU.</th>
<th>MODEL</th>
<th>MANUFACTURER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>68000288</td>
<td>Harley Davidson</td>
<td>Police Electra Glide Windshield Light Array</td>
</tr>
<tr>
<td>1</td>
<td>M4B6B</td>
<td>Harley Davidson</td>
<td>Motorcycle Box Configured with Six M4 Series, Rear Opening</td>
</tr>
<tr>
<td>1</td>
<td>M4BBBBBB</td>
<td>Whelen</td>
<td>Six M4 Series Over/Under Single Color Modules, Blue</td>
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<tr>
<td>1</td>
<td>MBADPT14</td>
<td>Whelen</td>
<td>Adapter Plate for the Rear Box 2014+ Electra Glide</td>
</tr>
<tr>
<td>1</td>
<td>M1BATT</td>
<td>Harley Davidson</td>
<td>Motorcycle Gel Battery</td>
</tr>
<tr>
<td>1</td>
<td>M4BSEP</td>
<td>Whelen</td>
<td>Battery Separation Plate</td>
</tr>
<tr>
<td>1</td>
<td>M4B6CHRG</td>
<td>Harley Davidson</td>
<td>Battery Charger Includes 115VAC Receptacle</td>
</tr>
<tr>
<td>1</td>
<td>M1GROUND</td>
<td>Harley Davidson</td>
<td>Ground Plane</td>
</tr>
<tr>
<td>1</td>
<td>P32F2BB</td>
<td>Whelen</td>
<td>Par32 Fairing Lights, Combination White Driving/Blue Warning</td>
</tr>
<tr>
<td>2</td>
<td>M2WRC</td>
<td>Whelen</td>
<td>M2 Wide Angle, Red</td>
</tr>
<tr>
<td>1</td>
<td>M2KTHD1</td>
<td>Whelen</td>
<td>HD License Plate Bracket for Two M2 Series Lightheads</td>
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<tr>
<td>4</td>
<td>TLIB</td>
<td>Whelen</td>
<td>ION T-Series Linear, Blue</td>
</tr>
<tr>
<td>4</td>
<td>TIONFC</td>
<td>Whelen</td>
<td>Flange, Chrome</td>
</tr>
<tr>
<td>4</td>
<td>IONHDRS</td>
<td>Whelen</td>
<td>2014+ Electra-Glide Side Saddle Bag Mounting Kit for 1 T-ION</td>
</tr>
<tr>
<td>4</td>
<td>LINV2B</td>
<td>Whelen</td>
<td>V-Series Comb. 180* Warning/Puddle Light</td>
</tr>
<tr>
<td>2</td>
<td>RBKTHD8</td>
<td>Whelen</td>
<td>2014-2019 HD Electra-Glide PASS/FOG 90-45 Mount Kit</td>
</tr>
</tbody>
</table>

Electrical Connections

All connections shall utilize non insulated butt connectors and be heat shrunk using an Adhesive-Lined Polyolefin Heat shrink tubing. No exceptions will be allowed.

1 Infotainment system delete
**Warning Light Flash Patterns**

Response Mode - All Lightheads shall be set to Signal Alert 75 and synchronized (Phase 1 or Phase 2 in order to display an alternating pattern).

Takedown Mode – All T-Series IONS in the Windshield Array shall override to a steady white pattern upon activation of the “Takedown” switch. This switch shall also turn on the Puddle Light feature on the lower two LINV2B specified below.

Supplemental Brake lights – The Two (2) M2WRC Lightheads shall be installed on the specified bracket and wired to the smart logic flasher. Programming will allow these lights to act as supplemental brake lights as well as warning if desired. This will require the up fitter to acquire a brake signal from the motorcycle and wire that signal to the smart logic flasher.

Front Windshield Array (non-Whelen product) – Vendor to coordinate with Whelen to integrate with Whelen lighting controls for warning and white take down light functions.

**Warning Light Mounting**

LINV2B’s Mounted on RBKTHD8 Brackets shall be installed on the front of the motorcycle as determined by the Whelen Installation Guide. The Lightheads shall be mounted with the puddle light facing in a downward direction to provide illumination.

All Warning lights shall be installed using light-head specific mounting brackets available from the warning light manufacturer. No Exceptions will be allowed.

**RADIO INSTALLATION**

Not included in this work.

**PAINTING:**

Vendor to paint base motorcycle to match existing NHSP motorcycle fleet (Base Color: Dupont 4814 Ivy Green) / Accent Color: Dupont 7205 Rose Metallic). Scope of Work includes gold pin striping separating base and accent colors on gas tank and front fenders. Vendor will be responsible to meet with Owner prior to painting to confirm color match, accent color layout and pin striping. Owner to provide color samples for Dupont™ Spectra-Master. See *Attachment A*
GRAPHICS:

Owner to provide and vendor to install motorcycle graphics. See Attachment A.
ADD ALTERNATES:

Award of RFB shall be based on base contract work. Vendors are requested to provide Add Alternate Pricing for the two items below. Owner shall have the right to accept or reject Add Alternate proposals prior to awarding the base contract work.

Add Alternate #01 – Helmet Painting

- Owner shall provide vendor with up to four (4) new Bell Pit Boss half helmets.
- Vendor to paint motorcycle helmets to match existing NHSP motorcycle helmet (Base Color: Dupont 4814 Ivy Green) / Accent Color: Dupont 7205 Rose Metallic).
- Vendor shall prep surfaces for painting according to manufacturer’s specifications and requirements
- Vendor shall remove and/or protect all surfaces not intended to be painted from damages and overspray
- Vendor shall clear coat, wet sand and buff helmets prior to delivery to owner
- Owner shall provide SAMPLE painted helmet to bidder to accurately match paint lines and colors. Vendor will be responsible to meet with Owner prior to painting to confirm color match and accent color layout. Owner to provide color samples for Dupont™ Spectra-Master. See Attachment B
- All materials including paint, supplies, materials and labor shall be included in the bid offer. No additional reimbursements, costs or charges shall be allowed
- Work must be completed no later than 45 days from issuance of Purchase Order
- Bid Response: Lump sum cost per helmet

Add Alternate #02 – Decommissioned Motorcycle Painting

- Owner to transport 2004 Harley Davidson FLHTP to vendor’s facility
- Prior to delivery, owner shall remove any/all police equipment
- Vendor shall be responsible for removal and destruction of all NHSP insignia, decals and markings
- Vendor shall be responsible to remove and reinstall after painting all fenders, gasoline tanks, side covers and saddlebags. Front fairing may be painted on or off the motorcycle.
- Vendor to paint motorcycle parts Vivid Black (98609 DH).
- Vendor shall prep surfaces for painting according to manufacturer’s specifications and requirements
- Vendor shall remove and/or protect all surfaces not intended to be painted from damages and overspray
• All materials including paint, supplies, materials and labor shall be included in the bid offer. No additional reimbursements, costs or charges shall be allowed
• Work must be completed no later than 45 days from issuance of Purchase Order
• Bid Response: Lump sum
Attachment A – Base Contract
Photos are For Illustrational Purposes Only – Vendor shall coordinate with owner prior to the commencement of all work
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