Track Mounted Manlift and Scissor Lift 2019-41

Addendum # 2

Revision to IDOT Specification Questionnaires 188-60-10 and 188-60-15

January 24, 2019

* Addendum #2 is to delete the reference to steel tracks on page 5 and make revisions to Miscellaneous Accessories on page 6 of IDOT specification 188-60-10. The addendum also adds an additional model number to page 2 and make revisions to Miscellaneous Accessories on page 6 of IDOT specification 188-60-15.

Please replace the following pages to the specification/questionnaires.

**Transmission, Axles, & Drive train:**

The aerial device shall be mounted on tracks with an approximate width of 19.7”.

Complies: Yes  No

The aerial device shall include a 5º tilt alarm and indicator light to alert the operator of uneven terrain.

Complies: Yes  No

**Chassis:**

The aerial device proposed must include the following approximate dimensions and capacities

Weight - 29,300 pounds

Width – 8’-2”

Ground clearance – 1’-4””

Proposed aerial device:

|  |  |  |  |
| --- | --- | --- | --- |
| Weight: | |  | Lbs. |
| Width: |  | | Inches |
| Clearance: |  | | Inches |

**Tracks:**

The tracks shall be cleated for use off-road or rough terrain use.

|  |  |  |
| --- | --- | --- |
| Track dimensions: |  | |
| Length of track on ground: | |  | | Feet/Inches |

**Auxiliary Power**

The aerial device shall be equipped with 12-volt DC auxiliary power to operate the boom functions in the event of loss of engine power.

Complies: Yes  No

**Hydraulic System:**

The power for the mast shall be provided by an open centered hydraulic system as designed by the manufacturer.

Complies: Yes  No

|  |  |
| --- | --- |
| Pump type: |  |
| Flow rating |  |

All hydraulic cylinders shall include holding valves to prevent cylinder collapse in event of hydraulic hose failure.

Complies: Yes  No

The hydraulic oil reservoir capacity shall be as required by the manufacturer and be approximately 40 gallons.

|  |  |  |
| --- | --- | --- |
| Reservoir capacity: |  | gallons |

The hydraulic system shall include filtration to remove debris and water. The reservoir shall be mounted to provide easy access to add oil, or, change filters and screens.

Complies: Yes  No

**Miscellaneous Accessories:**

The following miscellaneous items shall be furnished and functional:

* Horn
* Hourmeter
* Tilt alarm
* Tool tray (at platform)
* Lifting/tie down lugs
* 7,500-Watt generator system (capable of powering lights and tools and a welder)
* 1 each 110V-AC receptacle in the platform
* Motion alarm
* 1/2” air line from ground to the platform thru booms with auto-reel
* Cold weather kit with engine block heater

Complies: Yes  No

|  |  |
| --- | --- |
| If no, describe: |  |

|  |  |
| --- | --- |
|  |  |

**Paint/Finish:**

All exterior surfaces normally painted shall be cleaned, prepped, painted or powder coated manufacturer’s standard color.

Complies: Yes  No

**Manuals:**

Three (3) copies of all operators’ manuals, parts lists, and warranty information shall be provided at time of delivery to each district receiving one or more units.

Complies: Yes  No

One (1) set of “Service or Shop” Manuals shall be provided to each delivery location.

Complies: Yes  No

***Note:*** The manuals, parts lists, and service or shop manuals listed above may be furnished on DVD in lieu of paper.

**Training:**

The successful bidder shall supply training of Department of Transportation personnel. Training shall cover routine service, and minor repair. A second phase shall include the training of selected individuals as operators. The length of the operator’s training shall be a minimum of two (2) working days but may be extended by the receiver if deemed necessary.

Complies: Yes  No

A training video (if available) covering the operation of this equipment shall be provided with the training.

Complies: Yes  No

The makes and models of the machines listed below are solely to provide bidders a minimum level of quality, size of machine requested, and basic configuration. The machines listed below also meet the Departments’ requirements for functioning under and around the bridges and structures. Our crews are required to service and repair structures, many times under extreme emergency situations and conditions. All machines quoted will be evaluated by compliance with the following specifications. Since the work performed and expected of these machines can be of an extreme emergency nature, the potential availability of parts and service will be equally important and considered in determining equality and award.

The makes and models are as follows:

Genie GS-3384/3390 RT

JLG 330LRT

**All scissor lifts shall include the following standard or optional accessories and equipment:**

**Scissor Lift:**

Component:

|  |  |
| --- | --- |
| Make: |  |
| Model: |  |
| Installer: |  |
| Contact: |  |
| Telephone No: |  |
| Email Address: |  |

The maximum platform height extended shall be approximately 33’.

|  |  |  |
| --- | --- | --- |
| Maximum extended height: |  | Ft/Ins. |

The platform shall be approximately 72” wide and 154” in length, not including a 48” platform extension. The platform shall be surrounded by 43-1/2” high pipe or tubing style rail with approximately 8” toe panels surrounding the platform.

Complies:  Yes  No

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Platform Dimensions: | |  | | | Ft/Ins. |
| Guard rail height: |  | | Ft/Ins. |
| Toe panel height: |  | | Ft/Ins. |

The platform capacity shall be rated for approximately 2,250 pounds and include a minimum of four (4) adjustable LED type flood lights mounted on or near the corners of the work platform.

Complies:  Yes  No

|  |  |  |
| --- | --- | --- |
| Platform Capacity: |  | Pounds |

Describe lighting:

|  |
| --- |
|  |
|  |

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* Lifting/tie down lugs
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* 1 each 110V-AC receptacle in the platform
* Motion alarm
* 1/2” air line from ground to the platform thru booms with auto-reel
* Cold weather kit with engine block heater and hydraulic heater

Complies: Yes  No

|  |  |
| --- | --- |
| If no, describe: |  |

|  |  |
| --- | --- |
|  |  |

**Paint/Finish:**

All exterior surfaces normally painted shall be cleaned, prepped, painted or powder coated manufacturer’s standard color.

Complies: Yes  No

**Manuals:**

Three (3) copies of all operators’ manuals, parts lists, and warranty information shall be provided at time of delivery to each district receiving one or more units.

Complies: Yes  No

One (1) set of “Service or Shop” Manuals shall be provided to each delivery location.

Complies: Yes  No

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**Training:**

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Complies: Yes  No

A training video (if available) covering the operation of this equipment shall be provided with the training.

Complies: Yes  No