

**DRAFT QUALITATIVE REQUIREMENTS & TRIAL DIRECTIVES OF
UNDER VEHICLE SEARCH MIRROR**

| S NO | PARAMETERS | QR | TD |
|-------------|--------------------|---|--|
| 1. | General | The under-vehicle search mirror should facilitate the observer to inspect the under body of a light vehicle in standing position from all four sides without leaving any blind spots. | To be physically checked by BOO on one SUV (Tata safari or larger and one sedan (MarutiCiaz or larger). The mirror can be moved / adjusted to cover the entire under body during trials. |
| 2. | Design | Should have a rectangular convex mirror. | To be checked by the BOO. |
| | | Should have roller wheels or similar arrangement for placing it under the vehicle. | To be checked by the BOO. |
| | | Should have a LED torch to completely illuminate the under body covered in the reflection of the mirror. | To be physically checked by BOO. BOO to ensure that the entire area covered in the reflection is illuminated by the torch. |
| | | Should have a telescopic handle with two hand grips for the operator. | To be physically checked by BOO. |
| 3 | Operability | The under-vehicle search mirror must be able to cover the entire under body of SUVs and Sedans. | To be physically checked by BOO for Tata Safari and MarutiCiaz or large vehicle. |
| | | The mirror must be able to move comfortably on its wheels for employment on tarmac or cemented surfaces. | To be physically checked by BOO |
| | | The LED torch should operate on rechargeable batteries that are commercially available in the market. | To be physically checked by BOO |
| | | Compatible battery charger to be provided with the LED torch. | To be physically checked by BOO |
| 4. | Durability | The metal used in the mirror must be rust proof. | Certificate to be provided by OEM |
| | | Hard transportation box to be provided for carriage. | To be physically checked by BOO |

**COMMENTS/SUGGESTIONS ON QUALITATIVE REQUIREMENTS &
TRIAL DIRECTIVES OF UNDER VEHICLE SEARCH MIRROR**

| S No | Parameters | QR | Ellen & Safety Group | |
|------|--------------------|---|----------------------|---------|
| | | | Compliance | Remarks |
| 1. | General | The under-vehicle search mirror should facilitate the observer to inspect the under body of a light vehicle in standing position from all four sides without leaving any blind spots. | Complied | |
| 2. | Design | Should have a rectangular convex mirror. | Complied | |
| | | Should have roller wheels or similar arrangement for placing it under the vehicle. | Complied | |
| | | Should have a LED torch to completely illuminate the under body covered in the reflection of the mirror. | Complied | |
| | | Should have a telescopic handle with two hand grips for the operator. | Complied | |
| 3 | Operability | The under-vehicle search mirror must be able to cover the entire under body of SUVs and Sedans. | Complied | |
| | | The mirror must be able to move comfortably on its wheels for employment on tarmac or cemented surfaces. | Complied | |
| | | The LED torch should operate on rechargeable batteries that are commercially available in the market. | Complied | |
| | | Compatible battery charger to be provided with the LED torch. | Complied | |
| 4. | Durability | The metal used in the mirror must be rust proof. | Complied | |
| | | Hard transportation box to be provided for carriage. | Complied | |

OFFICIAL ADDRESS FOR VENDOR'S COMMENTS

1. The official address of vendor's comments is as under :-

HQ National Security Guard
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2. Email address of comments is as under

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