**TECHNICAL SPECIFICATION OF 02 X SCISSORS LIFT (LIFT PLATFORM)**

|  |  |  |  |
| --- | --- | --- | --- |
| S/N | Description | Specification Specified | Remarks (Comply/Mention) |
| 1. | Name of the Equipment | Scissor Lift (Lift Platform): Trolley mounted hydraulic actuator operated Scissor Lift (Lift Platform) |  |
| 2. | Purpose/Utility | Scissors Lift (Lift Platform) is used for inspection & maintenance helicopter as well as different jobs of hanger. |  |
| 3. | Model/Part No | To be mentioned by the bidder |  |
| 4. | Country of Origin | To be mentioned by the bidder |  |
| 5. | Load Capacity | Minimum 400-500 Kg |  |
| 6. | Lifting Height | Minimum 16-20 Meters. |  |
| 7. | Component Data | Scissors Lift (Lift Platform) should be incorporated with the following units mechanism: |  |
| (a) Lifting mechanism | Scissors type Lifting mechanism should reach at a working height of minimum 16-20 Meters. |  |
| (b) Actuator | Hydraulic Actuator or to be mentioned by the bidder. |  |
| (c) Platform | Metallic Platform with extended facilities. |  |
| (d) Wheel Drive | Electrically/hydraulically motor operated or to be mentioned by the bidder. |  |
| To move forward/backward and turning left/right with the help of remote control system from the top. |  |
| (e) Power Source | 02 x Battery, (12V & 150 AH) each or to be mentioned by the bidder |  |
| (f) Hydraulic Reservoir | Metallic with neck filter or to be mentioned by the bidder. |  |
| (g) Wheel and Tyre | 04 x standard size wheel along with 01 set spare wheel. |  |
| (h) Motor Pump Unit | 24VDC Motor with pump unit or to be mentioned by the bidder. |  |
| (j) Steering System | Hydraulic/electrically by Remote control system. |  |
| (k) Parking Brake | Mechanical. |  |
| (l) Emergency Towing | Towing system is to be included for emergency movement/in case of unserviceability of its hydraulically operated system. |  |
| (m) Manual descent/lift | Manual descent/lift system is to be made for operation of Scissors Lift (Lift Platform) in the event of power failure. |  |
| (n) Platform Up/down control | Electrically remote control operating system both from ground and platform station. |  |
| (p) Battery charger | Suitable battery charger with auto timer. Detachable 20 meter electric wire is to be provided for electric connection with 220 V, 50 Hz power source. |  |
| (q) Power Selector Switch | Ground and platform control selector switch with off position at center. |  |
| (r) Circuit Breaker | Push button type or to be mentioned by the bidder. |  |
| (s) Emergency Stop | Two position (on/off) emergency stop switch. |  |
| (t) Tools and manual | One set standard tools and one set manual (operation/ maintenance) in English must be provided with the item. |  |
| 8. | Standard fittings and accessories | The Scissor Lift (Lift Platform) must be equipped with all standard fittings and accessories. |  |

**BEST OF LUCK!!!!!**