

### **Hydraulic Platform Loader for Heavy Drop System for C130 & C17 aircraft**

Hydraulic Platform Loader (HPL) for HDS for C130 & C17 aircraft is a self-propelled ground support vehicle required for loading/offloading payloads into the Cargo Aircrafts (C130/C17) at Airbases of Air-force. It is designed to transport heavy loads from the Warehouse/hangers, where Loads on pallets are prepared, to the air cargo planes and move them into the Aircraft. Use of this equipment reduces the loading time & manual labor. HPL has a capability to carry up to 20000 kg rigged load assembled on pallet having length of 32 feet.



**Picture1: HPL in closed condition.**



**Picture2: HPL in open condition.**

**Min Facility/ Capability required at the time of submission**

1. Firm shall have design capability & integration facility for the HPL.
2. Firm shall have expertise in one of following fields:- a) Powered trailer/ Heavy Duty ground handling equipment (capacity 10 ton or above) design & manufacturing/ supply to armed forces, b) Heavy duty self powered loader design/ supply to armed forces or c) any MRO facility/ contact with Indian Armed Forces for Aircraft loaders.
3. Firm shall have defence industrial license.

**Requirement of samples/ product/ prototype to issue Technology Absorption Certificate (if any)**

Qty 1 no of prototype of HPL is required to issue Technology Absorption Certificate.

Interested industries are requested to forward their Expression of Interest (EoI) (with attachments of supporting documents) to Director, ADRDE with a copy to Director DIIQM, DRDO HQ (without attachment) within 21 days of hosting on following address:-

**The Director**

**Aerial Delivery Research & Development Establishment, Agra**  
**PB No-51, Agra Cantt.,**  
**Pin-282001,**  
**Phone: 0562-2258200**  
**Fax: 0562-2251677**  
**Email: director.adrde@gov.in**

2. A copy of interest may be sent to the following address without any attachment:-

**The Director**

**Directorate of Industry Interface & Quality Management (DIIQM)**  
**Room No 447, DRDO Bhawan, DRDO HQrs, Rajaji Marg, New Delhi – 110011**  
**Phone: 011-23013209/ 23015291**  
**Fax: 011-23793008**  
**Email: diitm[dot]hqr[at]gov[dot]in**

All Industries interested in seeking ToT are requested to furnish details in the format given in Part-1 & Part-2 below. The list of documents to be attached is provided in Annexure – I. Kindly provide the reference of page no. of supporting document in the relevant field also. The list of documents to be attached is provided in Annexure-I.

## Application cum Industry Assessment Form

### PART-1

#### General Information

(Please enclose documents in support of information provided)

|          |                                                                                                                                                           |  |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>1</b> | <b>Name of the Technology requested for Technology Transfer (Technology name and concerned Lab, Category)</b>                                             |  |
| <b>2</b> | <b>Name of the industry/ organization</b>                                                                                                                 |  |
| <b>3</b> | <b>Complete Address and other details</b>                                                                                                                 |  |
|          | <b>Registered Office</b><br>State _____<br>Phone No _____<br>Fax _____<br>Email _____<br>Website _____                                                    |  |
|          | <b>Factory</b><br>State _____<br>Phone No _____<br>Fax _____<br>Email _____<br>Website _____                                                              |  |
| <b>4</b> | <b>Point of Contact</b><br>Name _____<br>Designation _____<br>Address _____<br>Mobile No _____<br>Ph No _____<br>Email ID _____                           |  |
| <b>5</b> | <b>NAME OF CMD/ MD /PARTNERS/ PROPRIETOR/ etc</b><br>Name _____<br>Designation _____<br>Address _____<br>Mobile No _____<br>Ph No _____<br>Email ID _____ |  |
| <b>6</b> | <b>Date of Incorporation of company</b>                                                                                                                   |  |
| <b>7</b> | <b>Foreign Direct Investment in company (if any in %)</b>                                                                                                 |  |
| <b>8</b> | <b>Shareholding pattern</b>                                                                                                                               |  |
| <b>9</b> | <b>Turn over as per Audited Balance Sheet for the preceding three years.</b><br>Year _____<br>Year _____<br>Year _____                                    |  |

|    |                                                                                                                                                                                                                                   |  |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 10 | <b>Annual budget for R&amp;D during last three years (if any)</b><br>Year _____<br>Year _____<br>Year _____                                                                                                                       |  |
| 11 | <b>Income Tax returns for the preceding three years period</b><br>Year _____<br>Year _____<br>Year _____                                                                                                                          |  |
| 12 | <b>Nature of company</b><br>DPSU, Private Limited, Public Limited, Partnership, Proprietary, Ex- Serviceman Unit                                                                                                                  |  |
| 13 | <b>Category of industry</b><br>Large Scale, Medium Scale, Small Scale, Micro, Startup                                                                                                                                             |  |
| 14 | <b>MSME Registration No</b>                                                                                                                                                                                                       |  |
| 15 | <b>Certificates of registration as a manufacturing unit, if any.</b>                                                                                                                                                              |  |
| 16 | <b>If Startup, DPIIT Registration No</b>                                                                                                                                                                                          |  |
| 17 | <b>UDYOG AADHAR No</b>                                                                                                                                                                                                            |  |
| 18 | <b>PAN Number</b>                                                                                                                                                                                                                 |  |
| 19 | <b>Details of Industrial license for defence manufacturing issued by DPIIT (if any)</b>                                                                                                                                           |  |
| 20 | <b>Details of PESO license (if any)</b>                                                                                                                                                                                           |  |
| 21 | <b>GST Number</b>                                                                                                                                                                                                                 |  |
| 22 | <b>Nature of business</b><br>Manufacturing/ Sole Selling or Authorized Agent/ Assembler/ Traders/ Dealer/ Processor/ Repacker/ Others                                                                                             |  |
| 23 | <b>Details of current products and services</b><br>Products and services Supplied (please specify Govt/ Domestic market/ Export)                                                                                                  |  |
| 24 | <b>Record of past performance</b><br>(e.g., Supply orders executed against of Ministry of Defence orders, Public Sectors and Paramilitary Forces, if any).                                                                        |  |
| 25 | <b>Details of registration with</b><br>NSIC / SSI, DGS&D, other Defence Department, other Govt. Dept, membership of FICCI/ASSOCHAM/CII or other Industrial Association<br><b>(Attach relevant copies of registration letters)</b> |  |
| 26 | <b>Have you already taken any technology from DRDO</b> (If yes, give details attaching separate sheet)<br>Name of the Technology, Lab, Year, License number & Status                                                              |  |

|    |                                                                                                                                                     |  |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 27 | <b>ISO/ ISI certification or any other certification</b> (If yes, give details)                                                                     |  |
| 28 | <b>Relevant clearances form the authorities/ ministries</b> (if any)                                                                                |  |
| 29 | <b>Capacity and capability to undertake developmental work and to accept attendant financial and commercial risks.</b>                              |  |
| 30 | <b>Capacity/capability to market the product through the marketing network, sales and service network, reliability to maintain confidentiality.</b> |  |

## **PART-2**

### **Infrastructure and other Information**

|   |                                                                                                                                        |  |
|---|----------------------------------------------------------------------------------------------------------------------------------------|--|
| 1 | <b>Total area of factory</b><br>Covered (m <sup>2</sup> ),<br>Uncovered (m <sup>2</sup> ),<br>Bonded space available (m <sup>2</sup> ) |  |
| 2 | <b>Ownership of factory</b><br>Self-owned, partnership, rental                                                                         |  |
| 3 | <b>Electric power</b><br>Sanctioned<br>Installed<br>Standby (if any)                                                                   |  |
| 4 | <b>Availability of adequate infrastructure</b><br>(List of machines and their production capacities) and technical expertise           |  |
| 5 | <b>Name of bank &amp; A/c No Name of bank</b><br>A/c type<br>A/c no<br>Address of the bank<br>Phone:<br>Email:                         |  |

### **6 Details of current products:**

| S.No | Type | Description | Licensed/installed capacity | Annual production for preceding 3 years |
|------|------|-------------|-----------------------------|-----------------------------------------|
|      |      |             |                             |                                         |
|      |      |             |                             |                                         |

### **7 Details of foreign collaboration, if any**

| S.No | Product | Name and address of collaborator | Year | Remarks |
|------|---------|----------------------------------|------|---------|
|      |         |                                  |      |         |
|      |         |                                  |      |         |

**8 Details of products developed for services**

| S.No | Nomenclature of stores | Order No. and date | Remarks |
|------|------------------------|--------------------|---------|
|      |                        |                    |         |
|      |                        |                    |         |

**9 Please give details of important facilities & infrastructure as per following format for:**

- (a) Production
- (b) Unconventional, special m/c
- (c) Testing & quality control facilities

| S.No | Description of m/c | Make & model | Qty | Date of purchase | Remarks |
|------|--------------------|--------------|-----|------------------|---------|
|      |                    |              |     |                  |         |
|      |                    |              |     |                  |         |

**10 Furnish the following details with relevant certificates and documents**

- (a) R&D facilities available :
- (b) Inspection quality control of raw material components :
- (c) Assistance from central agency for testing / calibration etc. :
- (d) laboratory and drawing office facility :

**11 Principal customers:**

| S. No | Name & address | S.O No and date | Date of last supply | Products supplied | Value |
|-------|----------------|-----------------|---------------------|-------------------|-------|
|       |                |                 |                     |                   |       |
|       |                |                 |                     |                   |       |

**12 Future plans (if any) in respect of expansion programme/ installation of additional machines/ test facilities etc.****13 Name of the technology requested for transfer (give self-assessment of your capability to absorb the technology)****14 Details of employee as on date on firm's pay roll**

| PERMANENT |               |        |               |               |  |
|-----------|---------------|--------|---------------|---------------|--|
| Category  | Post Held     | Number | Qualification | Total Service |  |
| Technical | Prod. Manager |        |               |               |  |

|                |                                                                                               |  |  |  |
|----------------|-----------------------------------------------------------------------------------------------|--|--|--|
|                | Q.C. Manager<br>Supervisor<br>Testing Staff (QC)<br>Skilled workers<br>Unskilled workers, etc |  |  |  |
| Administrative | Purchase Manager<br>Accounts Officer<br>Office Superintendent<br>Clerical<br>Others, etc      |  |  |  |

| <b>TEMPORARY</b> |                                                                                                                |        |               |               |
|------------------|----------------------------------------------------------------------------------------------------------------|--------|---------------|---------------|
| Category         | Post Held                                                                                                      | Number | Qualification | Total Service |
| Technical        | Prod. Manager<br>Q.C. Manager<br>Supervisor<br>Testing Staff (QC)<br>Skilled workers<br>Unskilled workers, etc |        |               |               |
| Administrative   | Purchase Manager<br>Accounts Officer<br>Office Superintendent<br>Clerical<br>Others, etc                       |        |               |               |

**DECLARATION :**

I / we confirm that the information furnished in Part 1 & 2 above is correct. In the event of any information given by me / us is found incorrect / false at any time, I / we understand our EoI for ToT will be cancelled/ rejected without notice, beside any other appropriate action against me / us.

Industry seal

Authorized signatory

Name(s) in capital

Designation and seal of authorized signatory

Date:

Place:

## **Annexure-I**

### **List of Supporting Documents to be Attached with EoI**

- (a) Memorandum and Articles of Association (Should be incorporated as per Indian Companies Act, as amended time to time)
- (b) Certificates of registration as a manufacturing unit, if any.
- (c) Audited Balance Sheet for the preceding three years.
- (d) Income Tax returns for the preceding three year period
- (e) Details of shareholding/ownership pattern especially foreign partners/ shareholders, foreign employees, directors, etc. The company must adhere to the prevailing Govt of India policies and regulations on Foreign Direct Investment (FDI)/DIPP norms as applicable.
- (f) Annual budget for R&D during last three years.
- (g) Numbers and details of IPR or patents, etc., held by the company.
- (h) Number of technically or professionally qualified personnel.
- (i) Record of past performance (e.g., Supply orders executed against of Ministry of Defence orders, Public Sectors and Paramilitary Forces, if any).
- (j) Availability of adequate infrastructure (List of machines and their production capacities) and technical expertise.
- (k) List of Testing and Support equipment's
- (l) ISO/ ISI certification or any other certification
- (m) Relevant clearances form the authorities/ ministries (if any)
- (n) Capacity and capability to undertake developmental work and to accept attendant financial and commercial risks.
- (o) Capacity/capability to market the product through the marketing network, sales and service network, reliability to maintain confidentiality.
- (p) PESO and DPIIT license for explosive handling if ToT is for high energy Material, explosives, propellants, and component/ system dealing with it etc.

(q) Under taking form company seeking ToT that none of its Directors, Independent Directors, non-executive Directors, Key management personnel are involved in any corrupt practices, unfair means and illegal activities.

(r) Details of the industrial license for defence manufacturing be provided by the industry seeking ToTs.

(s) Duly filled Application cum Industry Assessment Form