



Government of India
Department of Space
HUMAN SPACE FLIGHT CENTRE
Bengaluru – 560 094

Phone: +91-080-6145 8856, Email: lavanyaprasad-hsfc@isro.gov.in

Ref No: **HSFC/EOI/01/2026-27**

15th July, 2026

INVITATION FOR “EXPRESSION OF INTEREST FOR DESIGN, DEVELOPMENT, INSTALLATION, TESTING AND COMMISSIONING OF MICROGRAVITY DROP TOWER FOR HUMAN SPACE FLIGHT CENTRE (HSFC)”

“**Human Spaceflight Centre** [HSFC, ISRO], Government of India invites Expression of Interest from Global Vendors for Gaganyaan Program to Design and Develop necessary Technologies and Infrastructure Elements to undertake Human Spaceflight to Low Earth Orbit with a Crew of Astronauts.” **Brief Specification is available in the ISRO website www.isro.gov.in under ‘Tenders’.**

Interested Vendors having sufficient know-how, experience, required facilities and financial background are invited to express their interest to submit their signed and sealed Envelope to HSFC, Bengaluru.

Along with “Expression of Interest” please furnish the following information also in detail:

1	Name of the Company	12	Nature of Business
2	Head office location and address with contact number & email id:	13	List of Major Customers with full address and their Contact Persons
3	Company Status (Proprietary / Partnership / Private Ltd. Etc.) with Name and Address of Proprietor, Partners, Board of Directors etc.	14	Details of other Contracts, if any now in hand
4	Type of company (whether Government or Public sector or Private sector)	15	Details of Infrastructure Facilities owned / available
5	Year of Establishment	16	Capital and Turnover for last Three years with copy of latest Annual Report
6	Details of Specialized Manpower in each area related to the Project Development (Engineering/Manufacturing/Erection)	17	Financial Capacity / Credit facilities available
7	Addresses of Manufacturing facilities owned	18	Establishment's Goods Service Tax Registration Number, PAN Number, ISO Certification or equivalent if any
8	Core capabilities (Specify brief profile, Standard products/services, etc.)	19	Trade Association to which you belong to
9	Company Website URL	20	Name and Address of the Bankers
10	Co-Contractor(s) (in case of consortium): Specify the Company's Postal address, Phone number (landline and mobile), Fax number, Email ID, Website & Contact person	21	Technical consultants/subject matter experts Specify brief details of the technical consultants/subject matter experts including the Phone number (landline and mobile), Email ID, Institution/Organisation name and address.
11	Co-Contractor(s) (in case of consortium): Specify brief profile, Standard products/services, annual turnover for the last 3 financial years, etc.	22	Any other information you consider relevant

The Expression of Interest with all the above information should reach the following address superscribing the envelope as **EOI No: HSFC/EOI/01/2026-27 dated 15.07.2026. The Due Date for submission of EOI is August 31, 2026 at 14.00 Hours IST.**

**Senior Purchase & Stores Officer,
Human Space Flight Centre,
Indian Space Research Organisation,
Department of space,
Doddanekkundi, Bengaluru, Karnataka - 560037**

The EOI cover should indicate "SENDERS" Address and HSFC Reference Number. For any clarification you may please contact us on +91-080-6145 8856 and email ID lavanyaprasad-hsfc@isro.gov.in EOI received after due date and time will not be considered for evaluation. HSFC reserves the right to accept or reject all or any such "Expression of Interest"; without assigning any reasons what so ever.

Sd/-
Sr Head, Purchase & Stores

भारत सरकार/Government of India
अंतरिक्ष विभाग/Department of Space
भारतीय अंतरिक्ष अनुसंधान संगठन/Indian Space Research Organisation
समानव अंतरिक्ष उड़ान केंद्र/Human Space Flight Centre
बेंगलूरु/Bengaluru

अभिरुचि की अभिव्यक्ति का निमंत्रण/INVITATION FOR EXPRESSION OF INTEREST

No: HSFC/EOI/01/2026-27

Date: 15.07.2026

Invitation for Expression of interest for Design, Development, Installation, Testing and Commissioning of Microgravity Drop Tower for Human Space Flight Centre (HSFC)

Human Space Flight Centre (HSFC) of Indian Space Research Organisation (ISRO) under Department of Space, Government of India is responsible for development of infrastructure and platforms for conducting microgravity and altered-gravity experiments, as well as for carrying out associated payload engineering activities.

This Invitation for Expression of Interest (EOI) is primarily aimed to identify qualified bidder(s) (i.e., successful Respondent), individually or in consortium, who can take up Establishment of microgravity drop tower facility for HSFC, Bengaluru on a turnkey basis. Respondent(s) who have experience in establishing projects involving Design Engineering & Project Management Services pertaining to Amusement Drop towers/High rise structures & Buildings with high-speed escalators/Electromagnetic drive system/ Winch system/Tall high-speed escalators or similar systems shall respond to this Invitation to EOI.

Response to EOI

- I. Respondents are advised to study all the instructions, Terms and Conditions, Forms, Requirements and other information in the Invitation to EOI document (Annexure-1) carefully. The submission of EOI shall be deemed to have been done after a careful study and examination of the Invitation to EOI documents with full understanding of its implications.
- II. Respondents are allowed to on board national and/or international experts, technical consultants with relevant experience to provide technical support. However, the overall responsibility for execution of the project and compliance with all contractual obligations shall remain with the Respondent.
- III. HSFC reserves the right to request for any additional information and also reserves the right to reject the EOI response of any Respondent, if in the opinion of HSFC, the qualification or data is incomplete or if the Respondent is found not qualified to satisfactorily execute the work.

- IV. Respondent shall bear all costs and expenses associated with preparation and submission of EOI document including post EOI clarifications, discussions, technical and other presentations and HSFC shall in no case be responsible or liable for such costs, regardless of the outcome of the EOI process. Also, the Respondent shall not be entitled to claim any cost, charge or expense incidental to or incurred by them in connection with the submission of the EOI
- V. The response to this Invitation to EOI shall be full and complete in all respect. Failure to furnish all the information required by the Invitation to EOI document or submission of proposal not substantially responsive to the Invitation to EOI documents to every respect will be at the risk of the Company/Firms and may result in rejection of the EOI response.
- VI. Canvassing in connection with the EOI is strictly prohibited and such canvassed EOI submitted by the Respondent is liable to be rejected.
- VII. This Invitation to EOI document is not an offer and is issued with no commitment. HSFC reserves the right to modify or withdraw the invitation to EOI or change any part thereof at any stage without assigning any reasons what so ever.
- VIII. Addendum/Corrigendum, if any, to this Invitation to EOI, will be hosted at our website, www.isro.gov.in. Respondent shall regularly monitor.
- IX. A Pre EOI meeting is arranged at HSFC in order to have a better understanding of the activities involved, clarify doubts, if any. The interested Respondent (s) is hereby requested to take part in the interaction meeting scheduled as below:

Date: 30.07.2026

Time: 9:30 hrs (IST)

Mode of Participation:

- Online: Interested Respondent(s) who wish to participate in the Pre EOI meeting shall submit a request through email to the Focal Point mentioned below on or before 27.07.2026, 15:00 hrs (IST). The online meeting link will be shared by the Focal Point.

Focal point: Senior Purchase & Stores Officer, HSFC

Phone: 080-61458856

Email: lavanyaprasad-hsfc@isro.gov.in

Please note that any request for advancing/postponement of interaction meeting will not be entertained under any circumstance, unless HSFC decides to do so. Attending of pre EOI meeting is not an essential requirement for submitting EOI.

Pre EOI-Meeting at HSFC, Bengaluru [online mode]	30.07.2026
Last date for submission of EOI	31.08.2026
Opening date of EOI	01.09.2026

Complete EOI must be received at HSFC to the address given below, not later than date specified above. EOI as per the terms & conditions mentioned in Annexure-1 shall be submitted in a sealed cover super-scribed with our Ref. No. and Due Date for EOI. All the pages of the EOI submitted must be numbered and signed by the authorized signatory.

The Senior Purchase & Stores Officer
Human Space Flight Centre,
Indian Space Research Organisation,
Department of space,
Doddanekkundi, Bengaluru, Karnataka - 560037
Phone: 080-61458856
Email: lavanyaprasad-hsfc@isro.gov.in

Submission of EOI by email will not be accepted. HSFC shall not be responsible for non-receipt of EOI due to any type of delays and it shall be the sole responsibility of the Respondent to ensure delivery of the EOI within the time fixed.

ANNEXURE 1

Ref. No: HSFC/EOI/01/2026-27

15th July, 2026

Expression of Interest (Eoi)

For Design, Development, Installation, Testing and Commissioning of Microgravity Drop Tower
for Human Space Flight Centre (HSFC)



HUMAN SPACE FLIGHT CENTRE
INDIAN SPACE RESEARCH ORGANISATION
DEPARTMENT OF SPACE, GOVT. OF INDIA
DEVANAHALLI, BENGALURU

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1. INTRODUCTION

- 1.1. Indian Space Research Organisation (ISRO), Department of Space (DoS), Government of India (GoI), is the national agency responsible for the design, development, and operation of space systems and applications to meet societal and strategic requirements. Human Space Flight Centre (HSFC), under ISRO, is undertaking multidisciplinary research and development activities in emerging domains of human spaceflight, microgravity sciences, bioastronautics, space habitat systems, and associated technologies, while conforming to stringent standards of reliability and human safety.
- 1.2. HSFC is responsible for the development of infrastructure and platforms for conducting microgravity and altered-gravity experiments, as well as for carrying out associated payload engineering activities. Microgravity drop towers/shafts are well-established platforms worldwide for microgravity research in combustion science, fluid physics, materials science, space manufacturing, and technology qualification. Microgravity drop towers can be mainly classified into two types: Conventional Drop tower and actively driven drop towers. The conventional drop towers like ZARM drop tower at Bremen, NASA Drop Shaft at GRC Cleveland, NML Drop Tower at Beijing, Cosmotorre Drop Tower at Hokkaido Japan, IITM Drop tower at Chennai, etc provide a tower or shaft for achieving free fall conditions for the experimental capsule. Longer towers/shafts require evacuation to reduce the air drag to maintain the quality of microgravity. Active Drop towers on the other hand, like Einstein elevator at Leibniz University Hannover, Gravitower Pro at ZARM Bremen and Electromagnetic drop tower facility by Chinese Academy of Sciences utilize active drive systems to drive the experimental capsule. This approach eliminates the necessity for vacuum-evacuated Towers/shafts, thereby enabling rapid turnaround times and higher testing frequencies. Active drive also makes it easier to simulate partial gravity and also limit the deceleration shocks on the experimental setups.
- 1.3. HSFC proposes to establish a next generation Active Microgravity Drop Tower Facility in India to support short-duration, high-quality microgravity and partial-gravity experiments for scientific research, technology development, and payload qualification.
- 1.4. HSFC invites Expressions of Interest (EOI) from reputed and capable manufacturers, developers, and system integrators for participation in a subsequent bidding upon Request for Proposal (RFP) for the turnkey realization of a Microgravity Drop Tower Facility. The exact location for the installation of the facility shall be provided by HSFC at RFP stage, and the shortlisted respondent must be fully prepared to execute the project at the designated site. This EOI is issued for capability assessment purposes and does not constitute a commitment to procure.

2. SCOPE OF CONTRACTOR

The scope of work of the Contractor (i.e., successful bidder) includes the end-to-end turnkey development of the Microgravity Drop Tower Facility, comprising, but not limited to the following:

- 2.1. System conceptualization and architecture definition.

- 2.2. System concept document preparation, presentation to HSFC if required and offering for review by HSFC internal review Committee
- 2.3. Detailed design and engineering of following subsystems:
 - 2.3.1. Active drive system: This is the core subsystem that provides the propulsion of the experiment carrier. Also, the active drive system is responsible of braking, deceleration and safe recovery of the experiment carrier.
 - 2.3.2. Experiment carrier system: Houses the experimental setup and ensures it experiences a clean microgravity environment during free fall. Also, will house the thermal management system, power systems, data acquisition systems and communication systems to support and monitor the experiment.
 - 2.3.3. Guidance system: The Tower structure shall have guide rails to ensure a straight and controlled descent.
 - 2.3.4. Control, monitoring and data acquisition systems: This system is essential to control the experiment carrier trajectory and monitor the experiment such as live feed of experiment & telemetry of experiment data.
 - 2.3.5. Power supply and distribution systems: This system is essential to supply power for running the experiment, experiment carrier and maintain the facility.
 - 2.3.6. Civil, structural, and support infrastructure: This includes the civil structure, steel structure, HVAC system, Building layout design, fire safety, Lightning protection system.
- 2.4. Design document preparation.
- 2.5. Factory-level testing and performance validation.
- 2.6. Installation and integration plan document preparation.
- 2.7. Identification of storage space for safe storage of material till commissioning of the facility.
- 2.8. Installation, integration, commissioning and performance demonstration of the facility.
- 2.9. Training of HSFC personnel for operation and maintenance.

3. SCOPE OF HSFC

The following are under scope of HSFC:

- 3.1. Review and clearance of document and drawings at all phases.
- 3.2. Monitoring of work in all phases.
- 3.3. Making Land available for installation of drop towers facility.
- 3.4. Commissioning (jointly with Respondent).
- 3.5. Details on main tapping point for power will be provided by HSFC.
- 3.6. Water at free of cost and at one point in site for erection works.

4. GENERAL INSTRUCTIONS FOR EXPRESSION OF INTEREST

- 4.1. Interested Respondents are invited to submit their Expression of Interest (EoI) for the design, development, installation, testing and commissioning of Microgravity drop tower systems on a turnkey basis.

- 4.2. The Respondents submitting their proposals shall be manufactures/developers of systems similar to that of Microgravity drop tower Systems, having good infrastructure and technical expertise for undertaking the activities proposed in this document. The Respondents shall indicate their involvement and realization in similar projects in the past and status of these projects at present. Company profile of the Respondent including the facilities and manpower available, areas of expertise and previous experience in other projects shall be included.
- 4.3. The Respondent may associate with national and/or international technical consultants, subject matter experts or research institutions having relevant experience in microgravity drop tower facilities, active drive systems, precision motion systems, high-rise structures, elevator systems, or similar domains. The role and expertise of such consultants shall be clearly indicated in the EOI. The Respondent shall remain fully responsible for successful execution of the project.
- 4.4. The Respondent shall have previous experience and proven track-record in all or most of the following:
- 4.3.1. Design, development, installation and testing of drop towers/ tall high-speed elevators/ amusement drop towers/ similar facility.
 - 4.3.2. Demonstrated expertise in the development, integration and installation of active drive systems like linear induction motor/linear synchronous motor / magnetic levitation/hydraulic winch drive system/any other relevant technology. Expertise and technical capabilities for precise control and positioning of the drive system.
 - 4.3.3. Expertise in development of tall civil structure or high-rise buildings with high-speed elevators.
- 4.5. Details of the expertise in the above activities and documented proof for the demonstrated capabilities should be attached along with the EOI. This should clearly state the following aspects of similar systems already developed, supplied and commissioned, if any, by the Respondent, including the details of Purchase Orders, year of development and present operational status:
- 4.4.1. Drive system design, configuration and other system-level specifications
 - 4.4.2. Technical specifications and major features of such systems
 - 4.4.3. Actual role and contribution of the Respondent in the development of the above systems
 - 4.4.4. After-sales services being provided by the Respondent
 - 4.4.5. Purchase Orders received and details of the end users
 - 4.4.6. Current operational status of the similar systems designed and developed by the Respondent and reliability of these systems for providing research quality data
 - 4.4.7. Copies of the contracts/work orders handled by them for the manufacturing/development of similar hardware including those supplied to clients in India or abroad
 - 4.4.8. Facilitates visit of such facilities executed by them, at the discretion of HSFC.

- 4.6. Based on EOI and assessment of their potential to carry out the proposed work, the potential Respondent having the required capabilities, experience and infrastructure will be shortlisted for issuing formal Request for Proposal (RFP).
- 4.7. Details of the scientific and technical requirements and other details of the envisaged drop tower are given in the following sections. This is provided only to enable the Respondents for understanding the overall system requirements. Respondents must note that HSFC reserves the right to select either **Option A** or **Option B** detailed in **Section 5**. The Respondent must be technically suitable and fully ready to build any one of the proposed facility configurations as finalized during the RFP stage. Further, HSFC reserves the right to modify any of the scientific and technical specifications or other details or requirements given here.
- 4.8. The EOI proposals shall be addressed to:

The Senior Purchase & Stores Officer
Human Space Flight Centre,
Indian Space Research Organisation,
Department of space,
Doddanekkundi, Bengaluru, Karnataka - 560037
Phone: 080-61458856
Email: lavanyaprasad-hsfc@isro.gov.in

5. TECHNICAL REQUIREMENTS OF MICROGRAVITY DROP TOWER

- 5.1. Microgravity Performance:
- 5.1.1. Microgravity level at experiment carrier location: $\leq 10^{-5}$ g (In all 3 Axis)
 - 5.1.2. Microgravity duration:
 - 5.1.2.1. Option A: 6 seconds total (3s ascent + 3s descent)
 - 5.1.2.2. Option B: 10 seconds total (5s ascent + 5s descent)
- 5.2. Experiment carrier capability:
- 5.2.1. Experimental payload envelope: $\varnothing$ 1.5 m $\times$ 2 m height
 - 5.2.2. Experimental Payload weight: 500 kg (excluding experiment carrier structure and active drive system)
 - 5.2.3. Standardized payload mounting and interfaces, with data acquisition system (Sensor data/ Camera data)
 - 5.2.4. Telemetry system for live feed of data
 - 5.2.5. Power system to provide nominal power to the payload
 - 5.2.6. Inbuilt thermal management system for payloads
- 5.3. Motion & Control of Drop Capsule:
- 5.3.1. Active drive system capable of accelerating a mass of 3000 kg vertically, from rest to target velocity of 30-50 m/s with maximum acceleration of $\leq 5g$ (including gravity)
 - 5.3.2. Active drive system to give minimum or zero lateral force.
 - 5.3.3. Programmable acceleration and gravity profiles
 - 5.3.4. Partial gravity simulation capability: 0.1 g to 0.9 g
 - 5.3.5. High-precision position, velocity, and acceleration control

- 5.4. Structural & Mechanical:
 - 5.4.1. Tower height:
 - 5.4.1.1. Option A: ~60 m (indicative)
 - 5.4.1.2. Option B: ~160 m (indicative)
 - 5.4.2. Precision guidance system for experiment carrier with minimal lateral deviation
 - 5.4.3. Structure to support controlled acceleration and deceleration of experiment carrier
- 5.5. Operations:
 - 5.5.1. Turnaround time for an experiment: ≤ 15 minutes per run
 - 5.5.2. High repeatability and operational availability
- 5.6. Civil and Facility plan:
 - 5.6.1. Reinforced concrete civil structure designed to completely enclose the internal steel drop tower structure. This external concrete structure must protect the inner tower structure from external environmental, ambient thermal variations, and isolate it from external wind loads to prevent dynamic structural deflections.
 - 5.6.2. Service floors for drive systems, braking systems, power electronics, super capacitor banks and auxiliary equipment
 - 5.6.3. Foundation system suitable for site-specific geotechnical conditions at site ensuring long-term stability and precision alignment
 - 5.6.4. Access systems including staircases, ladders, platforms, and maintenance access points with adequate safety provisions
 - 5.6.5. Utilities including electrical power, HVAC, networking, fire detection and suppression systems, and other essential services
 - 5.6.6. Payload preparation area, Experiment monitoring and control area, Power substation area
- 5.7. Safety:
 - 5.7.1. Redundant braking and capture systems
 - 5.7.2. Fail-safe operation in case of power/system failure
 - 5.7.3. Personnel and facility safety interlocks
 - 5.7.4. Comprehensive lightning protection system covering the drop tower structure, associated buildings, and external installations
 - 5.7.5. Facility to be equipped with fire safety devices such as fire extinguisher, smoke sensors etc.

HSFC reserves the right to modify the above requirements during the RFP stage.

6. TECHNICAL PROPOSAL

The Respondent shall submit a technical proposal providing their approach for meeting the technical requirements specified for both options (Option A and option B) mentioned in Section 5, consisting of following aspects:

- 6.1. Identification of all the major building blocks and subsystems including, but not be limited to, active drive system, drop capsule hold/release, mechanical, structural,

vacuum, control and instrumentation, safety, data acquisition and other relevant subsystems.

- 6.2. Technology that will be adopted for the active drive
- 6.3. Current capability in each of the identified building blocks/subsystems, strategy to address the capability gaps
- 6.4. HSFC at its discretion may ask the respondent(s) for a technical presentation of the proposed scheme post submission of EOI.

7. ELIGIBILITY CRITERIA

The responses to EOI will be evaluated based on the following eligibility criteria. Respondents who fulfil all the stipulated eligibility criteria will be shortlisted and screened-in as potential bidders for the subsequent issuance of the Request for Proposal (RFP) and Tender process.

The Respondents or respondent/Co-contractor in consortium shall suitably fill-up all the information solicited in the prescribed Formats (Form 1, Form 2, technical note for technical proposal and compliance matrix) and shall be substantiated with documentary evidences. There shall not be further opportunity for the Bidders to submit any information or document unless HSFC solicits so at their own discretion. Any lack of information or incomplete/ ambiguous information or false information or information non-compliant with the eligibility criteria shall be treated as a sufficient cause to summarily reject the response to EOI.

7.1. Financial soundness:

The Respondent, individually or in consortium, shall have sound financial track record as given below:

- a. Simple average of annual turnover for the last 3 financial years shall be more than ₹ 60 crores (Combined value if respondent is in consortium)

AND

- b. Positive Net Profit after Tax for the last 3 financial years (Combined value if respondent is in consortium)

7.1.1. Credentials to be submitted:

Auditor certified balance sheet statements for the last 3 Financial Years viz. 2023-2024, 2024-2025 & 2025-2026.

7.2. Technical capability:

Respondent(s) who possess(es) technical capability in all the required disciplines can execute the Contract as Sole contractor. Alternatively, Respondent(s) who possess(es) core competence partially in any of the involved disciplines can execute the Contract in consortium with Co-contractor(s) who possess(es) complementary core competence in other discipline(s). The Prime contractor shall be responsible and directly accountable to

HSFC for complete fulfilment of the contractual obligations including those of the Co-contractor(s). The Prime Respondent shall submit the EoI and fill up the Respondent's profile (As per form 2) including those details on behalf of the Co-contractor(s) and technical consultants/subject matter experts if any.

The Prime contractor and Co-contractor(s) shall submit an agreement to the effect of working in consortium along with EoI. There shall not be any change of Co-contractor(s) permitted during the subsequent phase of bidding and Contract execution.

The Respondent/Co-Contractor in Consortium shall have successfully completed at least 1 project in the last 10 years (i.e. completion/acceptance date after 01.01.2016) which shall include supply & installation of amusement rides including a magnetic drive system or winch system/ high rise buildings/ High speed elevators in high rise building/ Magnetic drive system/winch drive system for similar structures/ Microgravity drop tower or similar systems.

7.2.1. Credentials to be submitted:

- a. Copy of Purchase Order

AND

- b. Corresponding acceptance certificate issued by the client or Inspection Release Note by Third Party Inspection Agency.

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Form1
Main Covering Letter

(To be printed on Company letter head)

[Date]

To,

Senior Purchase & Stores Officer
Human Space Flight Centre,
Bengaluru - 560037, Karnataka

Dear Sir/Madam,

Ref: Expression of Interest for “Design, Development, Installation, Testing and Commissioning of Microgravity Drop Tower Facility”

Having examined the Expression of Interest (EOI), the receipt of which is hereby duly acknowledged, we, the undersigned, intend to submit a proposal in response to the Expression of Interest (EOI).

We attach hereto the response as required by the EOI, which constitutes our proposal. Primary and Secondary contacts for our company are:

	Primary Contact	Alternate Contact
Name		
Designation		
Company Name		
Address		
Phone		
Mobile		
E – mail		

We confirm that the information contained in this response or any part thereof, including its exhibits, and other documents and instruments delivered or to be delivered to HSFC is true, accurate, verifiable and complete. This response includes all information necessary to ensure that the statements therein do not in whole or in part mislead HSFC in its shortlisting process.

We fully understand and agree to comply that on verification, if any of the information provided here is found to be misleading the short-listing process, we are liable to be dismissed from the selection process or termination of the contract during the execution of the contract.

We agree for unconditional acceptance of all the terms and conditions set out in the EOI document.

It is hereby confirmed that I/We are entitled to act on behalf of our company/ corporation/ firm/ organization and empowered to sign this document as well as such other documents, which may be required in this connection.

(Signature)

(Name)

(In the capacity of)

(Name and Address of Company) Seal / Stamp of Respondent

CERTIFICATE AS TO AUTHORIZED SIGNATORIES

I,the Company Secretary ofcertify thatWho signed the above response to EOI is authorized to do so and bind the company by authority of its board / governing body.

Date:

Signature: (Company Seal)

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Form 2
RESPONDENT's PROFILE

(To be submitted along with the EoI)

Sl.	Details	Response
1.	Name of the Company	
2.	Head office location and address with contact number & email id:	
3.	Type of company (whether Government or Public sector or Private sector)	
4.	Year of Establishment	
5.	Manpower Strength (Engineering/Manufacturing/Erection)	
6.	Addresses of Manufacturing facilities owned	
7.	Core capabilities (Specify brief profile, Standard products/services, etc.)	
8.	Company Website URL	
9.	Co-Contractor(s) (in case of consortium): Specify the Company's Postal address, Phone number (landline and mobile), Fax number, Email ID, Website & Contact person	
10.	Co-Contractor(s) (in case of consortium): Specify brief profile, Standard products/services, annual turnover for the last 3 financial years, etc.	
11.	Technical consultants/subject matter experts Specify brief details of the technical consultants/subject matter experts including the Phone number (landline and mobile), Email ID, Institution/Organisation name and address.	

(Signed by Authorized Representative of Respondent)

Note: The Respondent shall fill up the details of the Co-Contractor (in case of consortium). Do not leave any cell blank; Fill up as “Not applicable” if necessary.

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COMPLIANCE TABLE
(To be submitted along with the EoI)

Sl.No.	Description	Compliance	Supporting Documents	Remarks
1	HSFC proposes to realize the Microgravity Drop tower for HSFC, Bengaluru on a turn-key basis. The respondent shall have demonstrable capability to take up such a project. <i>Respondent shall provide details of prior work/projects of similar nature undertaken.</i>			
2	The respondent shall provide its assessment on various feasible active drive technologies that it can implement, with merits and demerits of each option. <i>Respondent shall confirm the acceptance of this condition.</i>			
3	Design and development of Microgravity drop tower should meet all the scientific/technical requirements stated. A technical proposal to be submitted describing the technology proposed to meet the technical specifications (For both options as mentioned in Section 5). HSFC at its discretion may ask the respondent for a technical presentation of the proposed scheme, post submission of EOI. (As per section 6) <i>Respondent shall confirm the acceptance of this conditions.</i>			
4	The respondent should be capable of performing extensive simulation studies for finalizing the design, and the results of the same shall be submitted to HSFC while submitting the proposal. Any modifications suggested by the HSFC internal review Committee should also be carried out and presented. <i>Respondent shall confirm the acceptance of the above conditions.</i>			
5	The design, development, installation, testing and commissioning of the system will be reviewed by an internal review committee at all stages and any suggestion by the committee should be incorporated. <i>Respondent shall confirm the acceptance of this condition.</i>			

6	Any deviation in the design, material, and configuration will be subjected to the review and approval of the HSFC internal review committee. <i>Respondent shall confirm the acceptance of this condition.</i>			
7	At any point of time, if HSFC requires the respondent to do any additional work related to the project work beyond what is mentioned in the scope of work, the respondent shall undertake the work on existing terms and conditions and additional remuneration, as mutually agreed upon. <i>Respondent shall confirm the acceptance of this condition.</i>			
8	Has the respondent designed, developed, installed, tested, and commissioned any Drop tower systems, high speed elevator, amusing drop towers or similar system? <i>Respondent shall provide the details of all such activities, years of relevant experience, including specific contributions and details of the end users.</i>			
9	Respondent shall have arrangements for scheduled and unscheduled maintenance, warranty support, etc. <i>Respondent shall confirm the acceptance of this condition.</i>			
10	The EoI shall contain documentary evidences of previous contract / work orders handled by the respondent for drop tower/Elevators or other similar systems, including the list of customers for these systems and the application. <i>Respondent shall attach details and supporting documents for the above.</i>			
11	The EoI shall contain details regarding the heritage, availability of facilities for design, fabrication and testing, and experience of the respondent to handle similar type of work. <i>Respondent shall attach details and supporting documents for the above.</i>			
12	Respondent shall submit the required documents supporting the eligibility (As per section 7) for submitting the EOI <i>Respondent shall confirm the acceptance of this condition.</i>			