

भारत सरकार
अंतरिक्ष विभाग (अं.वि.)
समानव अंतरिक्ष उड़ान केंद्र
बेंगलुरु-560094 भारत
समानव अंतरिक्ष उड़ान केंद्र
फोन नं Ph No. 08061458850 / Fax. -- / ईमेल e-mail: hpsa-hsfc@isro.gov.in



GOVERNMENT OF INDIA
DEPARTMENT OF SPACE (DOS)
HUMAN SPACE FLIGHT CENTRE
Doddanekkundi, BENGALURU-56037;
PURCHASE & STORES

निविदा आमंत्रण
INVITATION TO TENDER

मैसर्स
M/s

00000

हमारी संदर्भ सं
Our Ref. No.

HSMN 2026-002122-01

निविदा अंतिम तिथि
Tender Due at

14:00 hrs IST on 14/10/2026

महोदय

Dear Sirs,

कृपया निम्नलिखित मदों की आपूर्ति के लिए अनुलग्नक (फार्म सं. संलग्न) में उल्लिखित निबंधन एवं शर्तों के अनुसार संलग्न निविदा प्रपत्र में वर्णनात्मक सूचीपत्र/पैम्फलेट/साहित्य सहित हमारी संदर्भ सं. एवं अंतिम तिथि (मोटे अक्षरों में) ऊपर लिखते हुए अपनी मुहरबंद निविदा प्रस्तुत करें।

Please submit your sealed quotation, in the Tender Form enclosed here along with the descriptive catalogues /pamphlets /literature, superscribed with Our Ref.No. and Due Date for the supply of the following items as per the terms & conditions mentioned in Annexure(Form No. ENCLOSED)

क्र.सं. Sl. No.	विनिर्देशों सहित मद का विवरण Description of items with Specifications	इकाई Unit	मात्रा Quantity
1	Consultancy services for astronauts nutrition as per Terms and Conditions as mentioned in Annexure	year	1

सुपुर्दगी स्थल

Delivery At

ATF, Marathahalli

प्रेषण की विधि

Mode of Despatch

ON SITE

शुल्क छूट

Duty Exemptions

NIL

विशेष अनुदेश

Special Instructions

NIL

विशेष निबंधन

Specific Terms

ENCLOSED

निविदाकारों को अनुदेश

Instructions to Tenderers

- (1) THIS TENDER IS INVITED IN TWO PARTS. PART-1: TECHNICAL AND COMMERCIAL BID & PART-2: PRICE BID. PART-1 SHOULD CONTAIN DETAILED SPECIFICATION AND COMMERCIAL TERMS (WITHOUT PRICE).
- (2) PART-2: PRICE SHOULD BE QUOTED IN PRICE BID FORMAT MENTIONED IN ATTACHED TERMS AND CONDITIONS. DETAILED TERMS AND CONDITIONS ARE ENCLOSED AS ANNEXURE-A. SCOPE OF WORK ATTACHED AS ANNEXURE-Q.
- (3) TENDERER HAS TO FILL AND SUBMIT COMPLIANCE MATRIX OF ANNEXURE-A AND ANNEXURE-G ALONG WITH TENDER DOCUMENTS. TENDERER HAS TO SUBMIT LAND BORDER SHARING DECLARATION ALONG WITH TENDER DOCUMENT WHICH IS ATTACHED IN ANNEXURE-A.
- (4) PLEASE SEND YOUR OFFER TO THE FOLLOWING ADDRESS: PURCHASE AND STORES OFFICER, HUMAN SPACE FLIGHT CENTRE, ATF BUILDING, DODDENAKUNDI (URSC SPORTS COMPLEX), NEAR DODDENAKUNDI POST OFFICE, KARTHIK NAGAR, BENGALURU - 560037.
- (5) QUOTATION DULY STAMPED AND SIGNED SHALL BE SUBMITTED ONLY BY POST OR BY HAND IN SEALED COVER ON OR BEFORE DUE DATE AND TIME. THE LAST DATE FOR SUBMISSION OF TENDER IS 14TH OCTOBER 2026 @ 14:00HRS IST.
- (6) ANY TENDER RECEIVED THROUGH POST OR COURIER NEEDS TO BE DROPPED BY POSTMAN/COURIER PERSON INTO THE HSFC TENDER BOX KEPT NEAR MAIN GATE OF ATF BUILDING, NEAR URSC SPORTS COMPLEX AT HSFC CAMPUS RECEPTION AREA.
- (7) IF THE TENDER DOCUMENT IS BULKY AND CANNOT DROP IN TENDER BOX, TENDERER IS ADVISED TO SUBMIT YOUR TENDER IN PERSON TO THE AUTHORISED REPRESENTATIVE OF HSFC ONLY.

(8) TENDER NUMBER AND DUE DATE OF THE TENDER SHALL BE MENTIONED ON THE TOP OF THE COVER. IF THE TENDER DOCUMENT IS DROPPED IN OTHER TENDER BOX THAN HSFC TENDER BOX, IT IS LIABLE TO BE REJECTED

(9) ACKNOWLEDGEMENT WILL NOT BE PROVIDED FOR TENDERS RECEIVED THROUGH POST/COURIER. TENDERER IS REQUESTED TO SUITABLY ADVISE YOUR RESPECTIVE AGENCIES.

(10) FOR ANY CLARIFICATIONS, PLEASE FORWARD YOUR QUERIES TO EMAIL: sharmask-hsfc@isro.gov.in

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भारत के राष्ट्रपति के लिए एवं ओर से
For and on behalf of the President of India
क्रेता / The Purchaser

Ref: No. HSMN 2026002122



Request for Proposal [RfP]

(Consultancy Services for Astronauts nutrition)

September 29, 2026

1	Date of Tender Release	September 29, 2026 @ 15:00 hrs IST
2	Last date for submission of Tender	October 14, 2026 @ 14:00 hrs IST
3	Date for opening of Part-I [Techno Commercial Bid]	October 14, 2026 @ 14:30 hrs IST
4	Date of opening of Part – II [Price Bid]	October 21, 2026 @ 14:30 hrs IST

BACKGROUND

Human Space Flight Centre [HSFC], Indian Space Research Organisation [ISRO], Department of Space, Government of India intends to engage a Consultancy Services for Astronauts Nutrition. Tenderers are requested to go through the Terms and Conditions along with Annexure Q, Annexure-R, Annexure S, Annexure G & Annexure T and quotes their offer accordingly.

Earnest Money Deposit

1. Earnest Money Deposit.

Bidders shall submit an amount of **40,000/- (Forty Thousand rupees only)** with the bid towards Earnest Money Deposit (EMD) which is payable in the form of crossed Demand Draft in favour of The Accounts Officer, HSFC, BENGALURU along with the bid but in a separate cover or along with technical bid. On the back side of the D.D, please write your company's name. Also submit relevant valid documents in case of exemption i.e. MSME, NSIC etc.

The EMD shall be submitted in the form of DD/Banker's cheque/Bank Guarantee/Fixed Deposit Receipt (FDR) made in the name of Accounts Officer, HSFC, and be payable at par at Bengaluru or directly remit through HSFC"NTRP" portal. Proof of remittance shall be submitted along with the bid but in a separate cover or along with technical bid.

Bids received without EMD shall be treated as invalid and shall not be considered.

The following categories of bidders shall be exempt from paying Tender Fee and EMD subject to submission of appropriate documentary evidence with the bid in support thereof (if applicable):

- Vendors already registered / empanelled with ISRO as authorized vendors.
- Central PSUs/PSEs and autonomous bodies
- Micro and Small Enterprises
- Khadi and Village Industries Commission
- National Small Industries Corporation
- Any other establishments specifically exempted from paying EMD by an order of the Government of India.

The EMD of bidders who withdraw their bid during the tender evaluation process shall be forfeited. EMD of unsuccessful bidders shall be refunded without interest after the tender has been awarded, within 30 days of the award of the tender.

EMD of successful Tenderer may be retained and converted to Security Deposit, if applicable."

2. INSTRUCTIONS TO BIDDERS FOR SUBMISSION OF TENDER IN TWO-PART BASIS

i] The Tenders are invited in Two-Part Basis.

ii] Instructions for TWO-PART Tender

The bids shall be submitted as two parts as

Part I: (a) Technical and (b) Commercial Bid & Part II: Price Bid

Part I: Technical & Commercial Bid

Part – (a) Technical [Without Price]

The specifications sought by us in response to our tender are required to be incorporated in this tender by you. If there is a compliance statement called for, you have to provide the compliance statement duly confirming all the parameters. All the points are to be properly responded instead of simply mentioning "compliant" or otherwise. The corresponding documents wherever applicable are required to be enclosed. No price details shall be indicated in the technical & commercial bid, if indicated, such offer is liable for rejection

Part – (b) Commercial Terms: [Without Prices]

The Commercial terms applicable for this tender shall come in this section. The applicable taxes (in percentage only) shall also be indicated in this part.

Part II: Price Part

The prices applicable for the scope of work and for the commercial terms indicated by you in Part-I, shall come into this part.

The price details shall be indicated in the price bid template. The Price shall be quoted in INR. The tender prepared as above shall be submitted before the due date and time. The offers received after the due date and due time shall be treated as invalid and will not be considered.

3. . PERIOD OF VALIDITY OF PROPOSALS:

Proposals shall remain valid for one hundred and twenty (120) days from the date of opening of the techno-commercial bids as mentioned herein. A Proposal valid for a shorter period may be rejected by ISRO on the grounds that it is nonresponsive

In exceptional circumstances, ISRO may solicit the bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. A bidder consenting to such request will not be required nor permitted to modify its Proposal.

4. . SECURITY DEPOSIT

The Contractor shall execute Security Deposit for 3% [Three Percent] value of the Purchase Order to ensure satisfactory Performance of the Contract. The Security Deposit shall be executed within 15 days after Receipt of Purchase Order or any extension thereof. The Security Deposit is to be furnished in the form of Account Payee Demand Draft or Fixed Deposit Receipt or Bank Guarantee from a Nationalized Bank/Scheduled Bank. The Bank Guarantee must be valid for the entire Contract Period and an additional period of 60 days beyond the completion entire supply of stores. The Security Deposit shall be executed on a Non-Judicial Stamp Paper of appropriate value as per our specimen.

In case the Contractor fails to furnish the Security Deposit within 15 days of Purchase Order or any extension thereof, the Purchase Order shall be Cancelled or Terminated and appropriate penal action shall be initiated. Any breach of the Terms and Conditions of the PO including Delivery Period, Security Deposit shall be forfeited and PO shall be terminated and cancelled at the Contractor's risk, cost and liability. The SD will not carry any interest and shall be returned after completion supply of entire stores.

5. . COUNTRIES SHARING LAND BORDER WITH INDIA

Restrictions under Rule 144(xi) of the General Financial Rules (GFRs), 2017.

Government of India, Ministry of Finance, Department of Expenditure, Procurement Policy Division vide Order (Public Procurement No.4) No. F.7/10/2021-PPD dated 23.02.2023 and as amended from to time are applicable for Countries Sharing Land Boarder with India.

Eligibility conditions to participate Tender in HSFC for Countries Sharing Land Border with India:

The Bidder shall mandatorily submit the copy of valid Registration Certificate issued by DPIIT along with the tender without which the offer will be treated as invalid.

5.1 Requirement of Registration:

Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority, specified in Annexure-I of Order (Public Procurement No.4) No: F.7/10/2021-PPD dated 23.02.2023.

5.2 Any bidder (including an Indian bidder) who has a Specified Transfer of Technology (ToT) arrangement with an entity from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority, specified in Annexure I of Order (Public Procurement No.4) No: F.7/10/2021-PPD dated

23.02.2023. The requirement of registration for bidders covered under Transfer of Technology (ToT) arrangement with an entity from a country which shares a land border with India will be applicable for all procurements where tenders are issued/published after 01.04.2023.

Definitions:

Bidder for the purpose of the Order (including the term tenderer, consultant vendor or service provider in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency, branch or office controlled by such person, participating in a procurement process.

- 5.3. **Tender** for the purpose of the Order will include other forms of procurement, except where the context requires otherwise.
- 5.4. **Transfer of Technology** means dissemination and transfer of all forms of commercially usable knowledge such as transfer of know-how, skills, technical expertise, designs, processes and procedures, trade secrets, which enables the acquirer of such technology to perform activities using the transferred technology independently- (Matters of interpretation of this term shall be referred to the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade, and the interpretation of the Committee shall be final).
- 5.5. **Specified Transfer of Technology** means a transfer of technology in the sectors and/ or technologies, specified in paragraph 15, occurring on or after 23.07.2020.
- 5.6. **Bidder (or entity) from a country which shares a land border with India** for the purpose of the Order means
- a) An entity incorporated, established or registered in such a country; or
 - b) A subsidiary of an entity incorporated, established or registered in such a country; or
 - c) An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d) An entity whose beneficial owner is situated in such a country; or
 - e) An Indian (or other) agent of such an entity; or
 - f) A natural person who is a citizen of such a country; or
 - g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

Beneficial owner for the purposes will be as under:

- i) In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person(s), has a controlling ownership interest or who exercises control through other means.

Explanation:

- a) Controlling ownership interest means ownership of, or entitlement to, more than twenty-five per cent of shares or capital or profits of the company;
- b) Control shall include the right to appoint the majority of the directors or to control the management or policy decisions, including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;
- ii) In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
- iii) In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;
- iv) Where no natural person is identified under (i) or (ii) or (iii) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
- v) In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

Agent for the purpose of this Tender is a person employed to do any act for another, or to represent another in dealings with third persons.

[Note:

- i) A person who procures and supplies finished goods from an entity from a country which shares a land border with India will, regardless of the nature of his legal or commercial relationship with the producer of the goods, be deemed to be an Agent for the purpose of this Order.
- ii) However, a bidder who only procures raw material, components etc. from an entity from a country which shares a land border with India and then manufactures or converts them into other goods will not be treated as an Agent.]

5.7. Sensitive Sectors/Technologies:

Human Space Flight Centre being a Category-I Sensitive Sector. Bidders with Transfer of Technology arrangement in any technology with any entity from a country which shares a land border with India shall require registration.

5.8. Sub-contracting in Works Contracts:

In works contracts, including turnkey contracts, contractors shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.

5.9. Certificate regarding Compliance:

An undertaking shall be taken from bidders in the tender documents as per (Annexure III of Order (Public Procurement No.4) No. F.7/10/2021-PPD dated 23.02.2023) that the extant guidelines for participation in the tenders. If such undertaking given by a bidder whose bid is accepted is found to be false, further legal action in accordance with law will be initiated by the Department.

5.10. Validity of Registration:

In respect of tenders, registration should be valid at the time of submission of bids and at the time of acceptance of bids. In respect of supply otherwise than by tender, registration should be valid at the time of placement of order. If the bidder was validly registered at the time of acceptance / placement of order, registration shall not be a relevant consideration during contract execution.

5.11. Model Certificate for Tenders:

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the DPIIT, I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the DPIIT shall be attached].

5.12. Model Certificate for Tenders for Works involving possibility of sub-contracting:

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered. Where applicable, evidence of valid registration by the Competent Authority shall be attached.]

5.13. Model additional Certificate by Bidders in the cases of Specified ToT:

I have read the clause regarding restrictions on procurement from a bidder having Transfer of Technology (ToT) arrangement. I certify that this bidder does not have any ToT arrangement requiring registration with the competent authority.

OR

I have read the clause regarding restrictions on procurement from a bidder having Transfer of Technology (ToT) arrangement. I certify that this bidder has valid registration to participate in this procurement.

- 5.14.** The bidders, who have beneficial ownership in countries which share land border with India and intend to participate in public procurement in India, shall directly approach the DPIIT for Registration as per Format as Appendix A. Bidders are also required to submit application for Security Clearance as per the Format as Appendix B. The Appendix A and B Format are available in DPIIT website [i.e. www.dipp.gov.in] vide Office Memorandum No. P-45021/112/2020-PP (BE-II (E-43780) dated 24.08.2020. Complete application containing both Registration and Security Clearance formats duly filled in, may be directly submitted in the Office of Joint Secretary [MKN], DPIIT, Room No. 236A, Udyog Bhawan, New Delhi. The registration granted by DPIIT shall be only for the purpose of bid participation under Rule 144[xi] of General Financial Rules, 2017.

**Land Border Sharing Declaration
(To be submitted in the bidders letter head)**

In-line with Department of Expenditures (DoE) Public Procurement Division Order vide ref. F.No.6/18/2019-PPD dated 23.07.2020 & 24.7.2020 and F.No. 7/10/2021-PPD(1) dated 23.02.2023

Tender Number: _____

Item Description/Job: _____

I/ we have read the clauses pertaining to Department of Expenditures (DoE) Public Procurement Division Order (Public procurement no 1, 2 & 3 vide ref. F.No.6/18/2019-PPD dated 23.07.2020 & 24.7.2020 and F.No. 7/10/2021-PPD(1) dated 23.02.2023) regarding restrictions on procurement from a bidder of a country which shares a land border with India. I/We hereby certify that I/ we the bidder Name of the Bidder _____ is / are

- a) Not from such a country and eligible to be considered for this tender.

OR

- b) From such country, has been registered with the competent authority and eligible to be considered for this tender. (Evidence of valid registration by the competent authority shall be attached)

For and behalf of _____ (Name of the bidder)
(Signature, date & seal of authorized representative of the bidder)

6. LIQUIDATED DAMAGES:

If the Consultant Agency fails to execute the contract in accordance with the full scope defined therein within the time specified therein or any extension thereof, HSFC shall recover from the Consultant Agency as liquidated damages a sum of one-half of one percent (0.5%) of the contract value for each calendar week of delay. The total liquidated damages shall not exceed ten percent (10%) of the contract value. The contract will be deemed to have been executed only when all the phases are completed. If part of the scope of work is not completed in time, the contract will be considered as delayed until such time as the complete scope of work is completed.

7. SECRECY:

Any information obtained in the course of execution of the purchase order/contract by the contractor/ supplier, his agents or consultants or advisor or employees engaged by the contractor supplier, etc., as to any matter whatsoever, which would directly or indirectly be of use to any enemy of India, should be treated as secret and shall not, at any time, communicated to any person.

Any breach of the aforesaid conditions shall entitle HSFC to cancel the purchase order/ contract and if necessary to go ahead with the purchase or authorize the purchase of the stores at the risk and cost of the contractor/ supplier, in addition to any other penal action it may take at its discretion, the contractor I, his agents or consultants or advisors or employees, etc., shall not use. The stores items or the name of ISRO for any publicity purpose through any public media like press, radio, TV or internet without prior written permission from ISRO.

Drawings, specifications, prototypes, samples and such other information furnished to the contractor/ supplier relating to the supply/ subsystem/ equipment etc., shall be held by the contractor / supplier in confidence and shall not be divulged to any third party without the prior written consent of the ISRO.

The Secrecy and Non-Disclosure Agreement is to be executed by the Service provider while accepting the Contract.

8. FORCE MAJEURE/EXTENSION OF TIME:

Neither party shall bear responsibility complete or partial non-performance of any of his obligations [except for failure to pay any sum which has become due on account of receipt of goods under the provisions of the Purchase Order], if the non-performance results from such force majeure circumstances such as, but not restricted to, flood, fire, earthquake, civil commotion, sabotage, explosion, epidemic, quarantine restriction, strike, lock out, freight embargo, acts of the Government either in its sovereign or its contractual capacity, hostility, acts of public enemy and other acts of God as well as war or revolution, military operation, blockade, acts or actions of state authorities or any other circumstances beyond the control of the parties that have arisen after the conclusion of Purchase Order. In such circumstances, the time stipulated for the performance of an obligation under the Purchase Order may be proportionately extended.

The party for whom it has become impossible to meet the obligation under this contract due to force majeure condition, shall notify the other party in writing not later than 14 days from the date of the occurrence of the force majeure conditions. In the event of delay lasting over 90 days, arising from force majeure causes, the Purchaser reserves the right to cancel the contract without any obligation to compensate the Contractor in any manner. Unless agreed by both the parties, in writing, the Contractor shall continue to perform his obligations under the Purchase Order as far as is practical and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

Any Certificate issued by the Chamber of Commerce or any other competent authority or organizations shall be sufficient proof of commencement and cessation of the above circumstances. In case of failure to carryout complete or partial performance of an obligation for more than 90 days, either party shall reserve the right to terminate the Contract totally or partially. A prior written notice of 30 days to the other party will be given informing of the intention to terminate without any liability.

9. PARALLEL CONTRACT:

Purchaser reserves the right to enter into Parallel Contract/s with one or more Contractors for procurement of Stores or any portion thereof that is covered by this Contract.

10. TERMINATION AND SHORT CLOSING OF CONTRACT:

Under the normal circumstances, Termination/Short Closing of the Purchase Order/Contract is not foreseen. However, the Purchaser reserves the right to terminate the Contract in whole or in part by giving 30 days prior notice under the following circumstances:

- a) For repeated non-performance in the execution of Purchase Order/Contract If the Contractor fails to deliver the final Product within the stipulated delivery schedule or any extension thereof, granted by Human Space Flight Centre [HSFC].
- b) If the Stores repeatedly fails in the Inspection and does not pass Inspection and Quality requirements of Purchase Order/Contract and/or the Contractor is not in a position to either rectify the defects or offer the Stores conforming to the contracted Quality Standards.
- c) If the Contractor is unable to rectify the defects or offer replacements in lieu of defective items
- d) If the final Product does not pass Inspection and Quality requirements of Purchase Order/Contract.
- e) If the Contractor fails to perform any other obligations under Purchase Order/Contract.
- f) If the Contractor becomes bankrupt or otherwise insolvent.

- g) Owing to deficiency of service, breach of Contract.
- h) For inefficiency, indiscipline, irregularity, insincerity, indifference in work, indulges in corrupt practices, disobedience, doubtful credentials/integrity, etc., at any point of time during the Contract period.
- i) To terminate the Purchase Order/Contract at any time by giving 30 days prior notice.

11. ARBITRATION:

In the event of any dispute/s, difference/s or claim/s arising out of or relating to the interpretation and application of the Contract, such dispute/s or difference/s or claim/s shall be settled amicably by mutual consultations of the good Offices of the respective Parties and recognizing their mutual interests attempt to reach a solution satisfactory to both the parties. If such a resolution is not possible, within 30 days from the date of receipt of written notice of the existence of such dispute/s, then the unresolved dispute/s or difference/s or claim/s shall be referred to the Sole Arbitrator appointed by the Parties by mutual consent in accordance with the rules and procedures of Arbitration and Conciliation Act 1996 together with amendments thereto or any modification thereof. The arbitration shall be conducted in Bengaluru in the Arbitration and Conciliation Centre – Bengaluru [Domestic and International] as per its rules and regulations. The expenses for the Arbitration shall be shared equally or as may be determined by the Arbitrator. The considered and written decision of the Arbitrator shall be final and binding between the Parties. The Seat for Arbitration shall be Bengaluru and the Arbitration proceedings shall be conducted in English Language only.

Work under the contract shall be continued by the Contractor during the pendency of Arbitration proceedings, without prejudice to a final adjustment in accordance with the decision of the Arbitrator unless otherwise directed in writing by the Purchaser or unless the matter is such that the work cannot be possibly continued until the decision [whether final or interim] of the Arbitrator is obtained.

12. JURISDICTION:

The Courts within Bengaluru will have the Jurisdiction to deal with and deciding any matter arising out of this contract.

13. RISK PURCHASE

In the event of failure on the part of the Contractor to deliver the ordered items in accordance with the delivery schedule mentioned in the Contract, the Purchaser shall have the option to procure the quantity of ordered item from any other Contractor with whom Purchaser has already having a Contract as per the Contract Price with them or in open market as required to meet Purchasers requirements. The extra expenditure involved, if any, incurred by the Purchaser, in procuring the quantity of ordered item on the Contractor, if the Contractor failed to supply, will be recovered from the bills due to the Contractor. However, the liability of the

Contractor for such Risk Purchase shall be limited to actual quantity obtained from other sources.

14. SHORT CLOSURE

If the department feels that the performance of the service provider is not upto the mark OR there is no necessity to continue further, it has every right to short close the contract, without assigning any reason thereof.

15. CLARIFICATIONS

At any time prior to the last date for receipt of bids, 'ISRO may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the RFP Document by a corrigendum/addendum.

The Corrigendum/addendum (if any) & clarifications to the queries from all bidders will be posted on the ISRO website.

16. SECURITY INTEREST:

On each item to be delivered under this Contract, including an item of work in progress in respect of which partial payment have been made in accordance with the Terms of the Contract. Purchaser shall have a Security Interest for the item work in progress which shall be deemed when the applicable deliverable items is finally accepted and delivered to the Purchaser in accordance with the terms of Contract. Such Security Interest of the Purchaser shall constitute a prior charge as against any other charge or interest created in respect of such items by any other entity.

17. LANGUAGE

All documents pertaining to this Tender including technical specification or any other writings shall be written in English Language.

18. GENERAL TERMS & CONDITIONS

- a) No sub-contracting without prior approval
- b) Confidentiality of Department data shall be maintained
- c) No canvassing or lobbying is permitted
- d) The Department reserves the right to cancel the bid at any point of time without assigning any reason.

19. APPLICABLE RULES

- a) DOS Purchase Manual 2015 and subsequent amendments issued by DOS time to time
- b) General Financial Rules (GFR), 2017
- c) Instructions issued by DPIIT from time to time.

20. The Product/Price Preference applicable as per the guidelines of Government of India applicable to MSEs and other agencies shall not be applicable for this requirement

Registered Tenderers or Tenderers who have already applied for Renewal of Registration, Central PSUs/PSEs/Autonomous Bodies, Micro, Small and Medium Enterprises or any other authority are exempted from the payment of EMD/Bid Security. MSEs are only entitled for [a] issue of Tender Documents Free of Cost [b] Exemption of Earnest Money Deposit [EMD] against production of a valid Udayam Certificate or any other registration certificate provided by any other Body specified by Ministry of MSEs. However, for MSEs Performance Security is mandatory for Goods and Services and policy does not provide benefits for Exemption from Performance Security

&&&

21. FORMAT FOR SUBMISION OF TECHNICAL AND PRICE BIDS

21.1 TECHNICAL BIDS : Refers Annexure-R, S, T and Annexure – G (Compliance Matrix)

21.2 PRICE BID: Refers Annexure-T

Form-1

Summery [As per Technical Evaluation Matrix]

Refers Annexure-G of attachment and compliance matrix

Form-2 (Particulars of the Agency)

SI No	Description	Details
1.	State whether applying as Sole Firm/Company or Limited Liability Partnership / Consortium	
2.	State the following: Name of Company or Firm: Legal status (e.g. incorporated private company, unincorporated business, partnership etc.): Country of incorporation: Registered address: Year of Incorporation: Year of commencement of business: Principal place of business: Brief description of the Company including details of its main lines of business Name, designation, address and phone numbers of Authorised Signatory of the Applicant: Name: Designation: Company: Address: Phone No.: Fax No. E-mail address:	
3.	If the Applicant is Lead Member of the consortium, state the following for each of the other Members of the consortium: i. Name of Firm: ii. Legal Status and country of incorporation iii. Registered address and principal place of business.	
4.	Number of years' experience in carrying out relevant consultancy services in relevant sector. (Documentary evidence to be enclosed)	

Form-3 (Relevant Project Experience)

Project Experience Summery

SI No	Name of the Project	Client Name	Duration of the project (in months	Value (in INR)
1				
2				
3				

NOTE:

- i. Projects of similar nature carried out in India may be highlighted separately as needed in the Evaluation Matrix.
- ii. Additional rows can be added, if required

Project Profile Template

For each of the projects cited above, provide a brief project profile using the format given below. The profile for each project must be provided in less than one page.

Sl No.	Item	Details
1.	Project Title	
2.	Name of the Client	
3.	Name of the contact person from the client organization who can act as a reference with contact details. • Name • Designation • Address • Phone Number • Mobile Number • Email ID	
4.	Duration (Start Date and End Date)	
5.	Current Status	
6.	Number of personnel deployed (Peak team size)	
7.	Value of the engagement	
8.	Narrative description of project:	
9.	Description of actual services provided by the responding firm within the project and their relevance to the envisaged services involved in the project for which this RFP is floated.	
10.	Description of the key areas where significant contributions are made for the success of the project.	

Form-4

Summary of the Project Team

No	Designation	Name	Educational Qualification	Area of Expertise	Length Professional Experience Space/ Socioeconomic sector	of in	Duration of employment with the current Firm

Form 5

Curriculum Vitae (CV) of Team Leader and Team Members

1.	Name	
2.	Date of Birth	
3.	Nationality	
4.	Education Qualification and Institution from which obtained	
5.	Current Designation in the Firm	
6.	Employment Record (Starting with the latest engagement)	

Sl no	Employer	Position Held	Name of the Project / Assignment Along with Client details	Major contributions / summary

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications and my experience.

Signature of the Team Lead / Member

NOTE:

The CV shall be restricted to one page per person

Proposed Methodology and Work Plan

The proposed methodology and work plan shall be described as follows:

1 . Understanding of Assignment / Project (not more than two pages)

The Agency shall clearly state its understanding of the Assignment / Project and also highlight its important aspects. The Agency may supplement various requirements of the assignment/project and also make precise suggestions if it considers this would bring more clarity and assist in achieving the Objectives laid down in the assignment/project.

2. Methodology and Work Plan (not more than three pages)

The Agency will submit its methodology for carrying out this assignment, outlining its approach toward achieving the objectives of the assignment. The Agency will submit a brief write up on its proposed team and organisation of personnel explaining how different areas of expertise needed for this assignment have been fully covered by its proposal. The Agency should specify the sequence and milestones of important activities, and provide a quality assurance plan for carrying out the Consultancy

Price Bids

Refers Annexure-T of attachment

I. INSTRUCTION TO TENDERERS FOR SUBMISSION OF BIDS

1. Submission of Techno-commercial Bid

- a) Tenderer shall submit Techno-commercial bid as specified in RFP duly conforming all the parameters mentioned therein.
- b) All the points are to be properly responded instead of simply mentioning "compliant" or otherwise.
- c) In order to consider the eligibility of the tenderer, all the conditions mentioned in the RFP shall be considered. Techno-Commercial Bid without any supporting documents for the details provided therein shall not be considered. No correspondence in this regard shall be entertained.

2. Submission of Price Bid:

- a) The price Bid duly filled and attested by the authorized signatory shall be submitted as per the price bid format of the RFP to this Tender Notice.

- b) The price offered for individual job shall be as per the specifications indicated by you in Techno-commercial bid. The Rate mentioned in the quotation should be inclusive of all charges, incidental charges, transportation charges, miscellaneous charges etc. except taxes which shall be shown separately.
 - c) Rates once quoted should be final and valid during the Contract period. Price should be quoted in Indian Rupees only. It may be noted that no escalation of the contracted rate shall be admissible on any reason whatsoever during the currency of the Contract.
 - d) Prices should be quoted on FOR HSFC Bengaluru basis.
 - e) Price must be shown in figures and words. In case of difference in amounts mentioned in words and figures, the amount mentioned in words shall prevail over the amount mentioned in figures.
 - f) HSFC reserves the right to reject any unreasonable offer without assigning any reasons.
3. This is a two —part tender, the technical bid and price bid shall be kept in a separate sealed envelopes super scribed

i. Part — I "Technical bid for Engagement of Consultant for implementation of Consultancy Services for Astronauts Nutrition".
on the technical Bid Document

ii. Part — II - "Price bid for Engagement of Consultant for implementation of Consultancy Services for Astronauts Nutrition".
— on the Price Bid Document

Both the separate sealed covers of Techno-commercial bid and Price bid shall be placed in a bigger sealed envelope super scribed as:

"Tender for Engagement of Consultant for implementation of Consultancy Services for Astronauts Nutrition " Part-I and Part-II bids individually sealed"

4. Instructions to Tenderer:

- a) Quotations received after the due date & time shall not be entertained under any circumstances.
- b) The documents attached with the quotation are sacrosanct for considering any offer as a complete offer. It is, therefore, important that all documents duly completed and signed, failing which the quotation is liable to be treated as incomplete and ignored.
- c) HSFC reserves the right to accept any or reject any/ all quotation(s) without assigning any reason.
- d) HSFC shall not be responsible for non-receipt of tender documents / offers due to postal delay / loss in transit.

- e) Quotation shall be valid for a period of 120 days from the date of opening.
- f) If tender opening date happens to be a public holiday, the tender will be opened on the next Working day. Interested parties who have participated in this Tender may depute their Representative to attend the Public Tender opening with an authorisation letter on their firm's Letter Head along with an Identity Proof. However, participation of party or their representative in the Tender opening shall be subject to a Security Clearance from concerned Authorities. HSFC reserves the right to disallow any party or their representative from participation in the Tender Opening in the absence of Security Clearance.
- g) Any clarification on Tender document shall be made 72 hours before the due date & time. HSFC shall make all effort to provide clarification. However, HSFC shall not be responsible for non-receipt of any such clarifications and also any request for the extension of the due date for any reason shall not be considered.

5. Evaluation of Bids

- a) The techno-commercial bid shall be opened first and prior to the detailed technical evaluation, HSFC will determine the substantial responsiveness of each bid to the Bidding Documents. For the purpose of these Clauses, a substantially responsive bid is one which confirms to all the terms and conditions of the Bidding Documents without any deviations.
- b) A bid determined as not substantially responsive will be rejected by HSFC
- c) The Techno-Commercial Bid evaluation shall be done on the basis of bidder's response to "Techno-Commercial Bid Format" given in RfP.
- d) Audited Balance Sheet duly certified by Chartered Accountant with his stamp and signature for last three audited financial years have to be submitted by the tenderer along with technical bid.
- e) During the evaluation of the bids, HSFC shall ask any Vendor to produce the Originals of the documents attached for verification. Any failure in this regard by the Vendor shall be entitled for gross rejection of their Technical Bid..
- f) HSFC reserves the right to visit the party's firm to verify the infrastructure and to assess the capability as & when necessary.
- g) After evaluation of the Techno-Commercial bids, the Price bids of those found technically suitable as per the tender requirements of the HSFC shall only be opened.
- h) Contract will be awarded to those tenderers who will be Technically suitable and overall L1 with Composite Cost.

- i) HSFC reserves the right to accept or reject any tender without assigning any reasons or for accepting the whole or any part of the tenders. Decision of HSFC in the matter shall be final and binding.
- j) NOTWITHSTANDING ANYTHING STATED ABOVE, HSFC RESERVES THE RIGHT TO ASSESS TENDERER'S CAPABILITY AND CAPACITY TO PERFORM THE CONTRACT. SHOULD THE CIRCUMSTANCES WARRANT, SUCH ASSESSMENT IN THE OVERALL INTEREST OF HSFC & DECISION OF HSFC IN THIS REGARD SHALL BE FINAL. HSFC RESERVES THE RIGHT TO REJECT ANY OR ALL TENDERS OR CANCEL/WITHDRAW THE NOTICE INVITING TENDER IN WHOLE/PART WITHOUT ASSIGNING ANY REASON WHATSOEVER AND DECISION IN THE MATTER SHALL BE FINAL & BINDING. IN SUCH CASE NO TENDERER SHALL HAVE ANY CLAIM ARISING OUT OF SUCH ACTION.
- k) ANY REQUESTS FOR CLARIFICATIONS POST DUE DATE, WILL NOT BE ENTERTAINED BY THE 'HSFC.
- l) THE OFFICER NOTIFIED BY ISRO WILL PROVIDE TIMELY RESPONSE TO ALL QUERIES.



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-560 037



**SPECIFIC COMMERCIAL TERMS AND CONDITIONS TO BE COMPLIED BY
TENDERER[S] WITHOUT WHICH YOUR OFFER WILL NOT BE CONSIDERED**

Tenderer[s] will have to follow strict Compliance to our Commercial Terms and Conditions or otherwise, your Tender[s] will be rejected. Further, it is requested to mandatorily submit the Compliance Statement for the below mentioned Specific Terms.

SI No	Purchasers Specific Commercial Terms	Compliance by Vendor Agreed/Not Agreed. If Not Agreed specify your comments
01	Delivery Terms - The Quotation should be FOR Destination on Door Delivery Basis	
02	Delivery Period: [Refer clause no. 03 of Annexure - Q]	
03	<u>Goods and Services Tax:</u> Government of India has implemented Goods and Services Tax [GST] w.e.f 01.07.2017. The Tenderer[s] should mandatorily possess a valid GSTIN along with the GST Registration Certificate. Tenderers participating in HSFC tender should mandatorily submit GST Registration Certificate along with offer[s]. In case, the Tenderer[s] are not registered under GST their offer will be treated as invalid and the same will not be considered for evaluation. <u>Intrastate Transaction</u> In terms of the Notification No. 09/2025-Central Tax [Rate] dated 17.09.2025 issued by Government of India and Gazette Notification No. [09/2025] FD 02 CSL 2025 dated 19.09.2025 issued by Government of Karnataka the applicable rate of GST [CGST =2.5% + SGST = 2.5%] is 5% for Scientific and Technical Instruments, Apparatus, Equipment, Accessories, Parts, Components, Spares, Tools, Mock Ups and Modules, Raw Material and Consumables required for launch Vehicles and Satellites and Payloads	

	<u>Interstate Transaction</u> Similarly, in terms of Notification No. 09/2025-Integrated Tax [Rate] dated 17.09.2025, Under Sl.No.462, the applicable rate of IGST is 5% for Scientific and Technical Instruments, Apparatus, Equipment, Accessories, Parts, Components, Spares, Tools, Mock Ups and Modules, Raw Material and Consumables required for launch Vehicles and Satellites and Payloads. Tenderers are here by requested to take note of this aspect and submit the Quotation accordingly. Further, if the items fall other than the above category, applicable rate of GST shall be paid. In the event, if the tenderers specifically not mentioned the GST Percentage or GST Amount while submitting their offer it will be deemed and considered as the prices quoted by the tenderers are inclusive of GST. Tenderer[s] are also requested to mention the HSN/SAC Code against each item at the time of submission of their offer.	
04	<u>Income Tax:</u> Wherever Installation and Works Contracts are involved Applicable Income Tax will be deducted from the Contractors Bill and necessary Certificate will be issued by Accounts Officer, HSFC	
05	<u>Payment Terms:</u> : Refer clause no. 6 of Annexure -Q	
06	<u>Bank Charges:</u> Any Bank Charges payable to our Bank shall be payable by Purchaser. Similarly, any Bank charges payable to your bank shall be payable by the Contractor.	
07	<u>Security Deposit:</u> The Contractor shall execute Security Deposit for 3% [Three Percent] value of the Purchase Order to ensure satisfactory Performance of the Contract. The Security Deposit shall be executed within 15 days after Receipt of Purchase Order or any extension thereof. The Security Deposit is to be furnished in the form of Account Payee Demand Draft or Fixed Deposit Receipt or Bank Guarantee from a Nationalized Bank/Scheduled Bank. The Bank Guarantee must be valid for the entire Contract Period and an additional period of 60 days beyond the completion entire supply of stores. The Security Deposit shall be executed on a Non-Judicial Stamp Paper of appropriate value as per our specimen. In case the Contractor fails to furnish the Security Deposit within 15 days of Purchase Order or any extension thereof, the Purchase Order shall be Cancelled or Terminated and appropriate penal action shall be initiated. Any breach of the Terms and Conditions of the PO including Delivery Period, Security Deposit shall be forfeited and PO shall be terminated and cancelled at the Contractor's risk, cost and liability. The SD will	

	not carry any interest and shall be returned after completion supply of entire stores.	
08	<u>Force Majeure/Extension of Time:</u> Neither party shall bear responsibility complete or partial non-performance of any of his obligations [except for failure to pay any sum which has become due on account of receipt of goods under the provisions of the Purchase Order], if the non-performance results from such force majeure circumstances such as, but not restricted to, flood, fire, earthquake, civil commotion, sabotage, explosion, epidemic, quarantine restriction, strike, lock out, freight embargo, acts of the Government either in its sovereign or its contractual capacity, hostility, acts of public enemy and other acts of God as well as war or revolution, military operation, blockade, acts or actions of state authorities or any other circumstances beyond the control of the parties that have arisen after the conclusion of Purchase Order. In such circumstances, the time stipulated for the performance of an obligation under the Purchase Order may be proportionately extended. The party for whom it has become impossible to meet the obligation under this contract due to force majeure condition, shall notify the other party in writing not later than 14 days from the date of the occurrence of the force majeure conditions. In the event of delay lasting over 60 days, arising from force majeure causes, the Purchaser reserves the right to cancel the contract without any obligation to compensate the Contractor in any manner. Unless agreed by both the parties, in writing, the Contractor shall continue to perform his obligations under the Purchase Order as far as is practical and shall seek all reasonable alternative means for performance not prevented by the force majeure event. Any Certificate issued by the Chamber of Commerce or any other competent authority or organization shall be sufficient proof of commencement and cessation of the above circumstances. In case of failure to carryout complete or partial performance of an obligation for more than 90 days, either party shall reserve the right to terminate the Contract totally or partially. A prior written notice of 30 days to the other party will be given informing of the intention to terminate without any liability.	
09	<u>Liquidated Damage:</u> The time and date stipulated in the contract for completion of the work shall be deemed to be the essence of the contract. If the Contractor fails to deliver the Stores within the time specified in the Contract or any extension thereof, the Purchaser shall, without prejudice to any other right or remedy available under the law to Purchaser on account of such breach, shall recover from the Contractor as Liquidated Damages a sum one-half of one percent [0.5 percent] of the Total Contract value of the undelivered Stores for each calendar week of delay or part thereof. The total maximum Liquidated Damages shall not exceed Ten percent [10 percent] of the Total Contract value.	

	In case if any Advance Payment is Drawn by the suppliers, HSFC will be charging interest at appropriate rate in case of any delay attributable to the contractor/supplier in effecting the supply after the prescribed delivery date. The levy of interest in such cases shall be for the period beyond the specified delivery date, on the amount of balance advance payment.	
10	<u>Termination and Short Closing of the Contract:</u> Under the normal circumstances, Termination/Short Closing of the Contract are not foreseen. However, HSFC reserves the right to terminate the Contract by giving 30 Days prior notice in the following circumstances: - Due to repeated non-performance in the execution of Contract. If the Contractor fails to deliver the Stores/Services within the stipulated time or any extension thereof, granted by the Purchaser. If the Contractor fails to perform any other obligations under this Contract. If the Contractor becomes bankrupt or otherwise insolvent. Owing to deficiency of Stores/Service, breach of Contract. For inefficiency, indiscipline, irregularity, insincerity, indifference in work, disobedience, doubtful credentials/integrity, etc., at any point of time during the Contract period. If the Contractor fails to Honour the whole or any part of Contract including failure to deliver the Stores/Services within the time stipulated in the Contract. If the Contractor is found to have made any false or fraudulent declaration or statement to obtain the Contract or he is found to be indulging in unethical or unfair trade practices. When both the parties agree mutually. Any special circumstances, which must be recorded to justify the cancellation or termination of Contract. To Terminate the Contract wholly or partly without assigning any reason.	
11	Whether Prequalification of your facility procedure completed [if applicable]	
12	<u>Arbitration:</u> In the event of any dispute/s, difference/s or claim/s arising out of or relating to the interpretation and application of the Contract, such dispute/s or difference/s or claim/s shall be settled amicably by mutual consultations of the good Offices of the respective Parties and recognizing their mutual interests attempt to reach a solution satisfactory to both the parties. If such a resolution is not	

	possible, within 30 days from the date of receipt of written notice of the existence of such dispute/s, then the unresolved dispute/s or difference/s or claim/s shall be referred to the Sole Arbitrator appointed by the Parties by mutual consent in accordance with the rules and procedures of Arbitration and Conciliation Act 1996 together with amendments thereto or any modification thereof. The arbitration shall be conducted in Bengaluru in the Arbitration and Conciliation Centre – Bengaluru [Domestic and International] as per its rules and regulations. The expenses for the Arbitration shall be shared equally or as may be determined by the Arbitrator. The considered and written decision of the Arbitrator shall be final and binding between the Parties. The Seat for Arbitration shall be Bengaluru and the Arbitration proceedings shall be conducted in English Language only. Work under the contract shall be continued by the Contractor during the pendency of Arbitration proceedings, without prejudice to a final adjustment in accordance with the decision of the Arbitrator unless otherwise directed in writing by the Purchaser or unless the matter is such that the work cannot be possibly continued until the decision [whether final or interim] of the Arbitrator is obtained.	
13	<u>Dispute Resolution for Public Sector Undertakings</u> In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contracts other than taxation, between the following Organizations/Departments, such dispute or difference shall be taken up by either party for its resolution through Administrative Mechanism for Resolution as mentioned in the Office Memorandum No: OM No: 4(1)-2013-DPE(GM)/FTS-1835 dated 22.05.2018 and as amended vide Office Memorandum No: DP-GM-05/0003/2019-FTS-10937 dated 20.02.2020, OM No: 05/0003-2019-FTS-10937 dated 14.12.2020 and OM No: DPE-05/0002/2023-AMRCD dated 25.07.2024 shall apply in consonance with applicable Indian Laws and Public Policy. a) CPSE and CPSE b) CPSE and Ministry/Department of Central Government c) CPSE and Public Authority/Organisation or University under the Central Government d) CPSE and State Government/State PSUs/Public Authority/Organisation or University under any State Government The decision of AMRCD on the said dispute will be binding on both the parties.	
14	<u>Dispute Resolution for MSMEs:</u> The Micro, Small and Medium Enterprises Development [MSMED] Act, 2006 provides parties to a dispute (where one of the parties is a Micro or Small Enterprise) to be referred to the Micro and Small Enterprises Facilitation Council if the dispute is regarding any amount due under Section 17 of the MSMED Act, 2006. If a Micro or Small Enterprise, being a party to dispute,	

	refers to the provisions in the MSMED Act 2006, these provisions shall prevail over this Agreement.	
15	<u>Jurisdiction:</u> The Courts within Bengaluru will have the Jurisdiction to deal with and deciding any matter arising out of this contract.	
16	<u>Applicable Law:</u> The contract shall be interpreted and construed and governed by the Laws of India.	
17	<u>Language and Measures:</u> All documents pertaining to this Tender including technical specification or any other writings shall be written in English Language. The metric system of measurement shall be used exclusively in this Tender.	
18	<u>Two Part Bid System:</u> Tender shall be submitted in two separate sealed envelopes are to be sent duly Superscribed by Tender Number and due date as follows: 1] Technical & Commercial Bid 2] Price Bid Please refer Tender Instructions	
19	Compliance to Land Border Sharing as per Clause no. 05 of RfP	
20	<u>Validity of the Offer:</u> Minimum of 120 days from the date of opening the Tender	
21	Do you have Unique GeM Seller ID? If Yes, provide details. If No, As per Officer Memorandum No. 6/9/2020-PPD dated 24.08.2020 issued by Government of India, Ministry of Finance, Department of Expenditure, it shall be mandatory for sellers providing Goods and Services to Central Government Organizations to be registered on GeM and obtain Unique GeM Seller ID, at the time of placement of Purchase Order/acceptance of contract. Tenderers shall ensure the same	
22	<u>Evaluation criteria:</u> Overall L1 with Composite cost	
23	<u>Delivery Place:</u> Refer Annexure – R of RfP	

Selection of High-Reliability Nutrition Partner for 1-Year Astronaut Earth Nutrition Programme

(Astronaut Training Facility – Marathahalli, Bengaluru)

Design, develop, and implement a scientifically engineered, performance-oriented astronaut nutrition framework at the Indian Astronaut Training Facility (ATF) for the nation's 3 selected astronauts. The plan seeks to ensure optimal physiological conditioning, cognitive resilience, accelerated recovery, and long-term astronaut health — enabling mission readiness, longevity, and world-class standards in nutrition science.

The project encompasses the formulation, testing, and iterative stabilization of astronaut-specific nutrition plans covering all phases of ground training, simulation environments, and travel periods. It integrates individualized dietary customization, scientific menu engineering, performance-linked nutritional modulation, and dynamic feedback systems, supported by trained nutritionists and biomedical specialists.

1. Aim

To select a private nutritionist partner capable of functioning in collaboration with a private catering company (to be contracted in a separate tender) capable of constructing a scientifically engineered, personalised, and performance-optimized astronaut nutrition menu on earth for India's human spaceflight program. The programme has been named **Santulan, "Scientific Astronaut Nutrition for Training, Upkeep, Longevity And Nurture"**.

2. Programme Objective

The objective of this tender is to select a private bidding nutritionist firm (one nutritionist per astronaut and a head nutritionist for steering and strategizing the entire program) to design and execute a **12-month controlled, earth-based astronaut nutrition programme** aimed at:

- I. Considering the astronaut as a mission sub-system & scientifically ensuring their nutrition health and fitness.
- II. Establishing **baseline physiological and metabolic astronaut profiles and making improvements/ maintenance of pre-existing desirable standards.**
- III. Developing **precision, individualised nutrition protocols applicable to human space programme.**

3. Scope of Work (1-Year Structure)

The bidding nutritionist firm shall execute the programme in **four structured phases:**

Phase 1: Baseline Mapping (Month 0), duration 1 month

- I. Comprehensive clinical/ lab-based astronaut Bio-profiling Phase as advised by nutritionists (in collaboration with Human Space Flight Centre, ISRO doctors), inclusive of the following (expandable):
 - i. Blood panels (CBC, Comprehensive metabolic panel, Micronutrient panel, inflammatory markers).
 - ii. Urine analysis (OAT, R & microscopy, micronutrient panels, mineral panels).
 - iii. Allergens profiling (Food allergy panel alone).
 - iv. Body composition analysis (DEXA Scan, In-Body based BIA (Bioelectric Impedance Analysis), BodPod (ADP) or equivalent. Twice a year, with DEXA restricted to once a year inclusive of DEXA scans performed for regular medicals).
 - v. Metabolic rate assessment via clinical Indirect Calorimetry.
 - vi. Microbiome analysis (Shotgun Metagenomics Sequencing).
- II. Mapping of existing individual past dietary patterns & cultural/ regional preferences, supplementation and physical training patterns' baseline capture and documentation.
- III. Clinical/ lab-based blood panels, urine analysis, metabolic rate assessment & non-DEXA body composition analysis shall be undertaken every 3 months and microbiome analysis shall be repeated half-yearly ie end of 6th month and end of 12th month and submitted in the form of a comparative report. DEXA scan would be restricted to once a year/ as advised by doctors. All medical screening costs would be separately borne by HSFC, ISRO in collaboration with Institute of Aerospace Medicine, IAM & CHSS empanelled hospitals. All medical data would be treated as strictly confidential by the private bidding firm.
- IV. ASTD (Astronaut Training Division) at HSFC & IAM would be the joint custodians of all the bio-profiling data.

Phase 2: Personalised Protocol Design (Months 1–3), duration 3 months

- I. Individualised nutrition plans implementation & iteration (based on bio-profiling conducted in Month 0):
 - i. Individual Macronutrient scaling.
 - ii. Micronutrient correction strategies.
 - iii. Hydration and electrolyte optimisation.
 - iv. Supplementation strategies & implementation.
- II. Integration with:
 - i. Physical training schedules.
 - ii. Sleep/circadian considerations (monitoring aided by health wearables).
 - iii. Outreach/ training/ official tour travel commitments.
 - iv. Training/ design & development workloads.

Phase 3: Controlled Intervention & Monitoring (Months 4–9), duration 6 months

- I. Continuous implementation with:

- i. Monthly monitoring cycles.
- ii. Quarterly deep biochemical reassessment.
- iii. Half-yearly & annual performance report.

II. Feedback based adaptive recalibration:

- i. Based on biomarker feedback.
- ii. Performance outputs.
- iii. Astronaut/ doctor/ physical trg instr feedback.

Phase 4: Validation & Reporting (Months 10–12), duration 3 months

I. Outcome analysis:

- i. Physiological improvements/ maintenance (no deteriorating trends).
- ii. Performance correlations/ astronaut feedback, physical trg instructors/ doctors feedback.

II. Final deliverables:

- i. Standardised Astronaut Nutrition Protocol (earth-validated).
- ii. Data repository and predictive models.
- iii. Inputs for customised space food (end of programme).

4. Mandatory Eligibility Criteria (Documentary evidence required as mentioned)

4.1 Academic & Professional Credentialing

I. Minimum:

- i. Post graduate degree in Food & Nutrition/ Clinical Nutrition/ Human Nutrition (all 4 nutritionists including lead nutritionist)

Doc Evidence 1: Nutritionist educational certificates.

II. Employee status:

- i. All 4 nutritionists must be permanent employees of the bidding firm and residents of Bengaluru.

Doc Evidence 2: (i) Employee ITR for last six months/ Payslips. (ii) Aadhar Card/ equivalent for residential status.

4.2 Location Requirement

I. Main operational base/ firm office:

- i. Within Bengaluru.

Doc Evidence 3: (i) Company Registration Certificate/ Rental Agreement (ii) Geo-tagged photographic evidence of office premises.

4.3 Experience

I. Minimum:

- i. 15 years.

Doc Evidence 4: Dated Company Registration Certificate/ Rental Agreement.

II. Mandatory:

- i. Precision/ personalised nutrition with continuous tracking.

Doc Evidence 5: Individualised Nutrition Reports.

4.4 High-Performance Population Experience

I. Proven work with:

- i. Sportspersons/ corporate firms.

Doc Evidence 6: Individualised/ Corporate Project Reports.

II. Must demonstrate:

- i. Measurable performance outcome.

Doc Evidence 7: Relevant Excerpts from Personalised Programme Summaries

4.5 Active Programmes (Live Systems)

I. Ongoing (current) programmes in:

- i. High-performance/ Sports nutrition.
- ii. Periodised diet systems.

Doc Evidence 8: Relevant Excerpts from Individualised Project Reports

4.6 Biomedical Data Analytics Capability

I. Mandatory:

- i. Web/ app-based tracking systems.

Doc Evidence 9: Infographics & web links/ references.

- ii. Quarterly interpretation of:

- a. Blood biomarkers.
- b. Urine markers.
- c. Metabolism analysis.

Doc Evidence 10: Relevant Excerpts from Programme summaries.

- II. Must support:
 - a. Monthly tracking + quarterly deep analysis + half yearly comparative analysis milestones.

4.7 Psychological & Sensory Nutrition

- I. Active capability in:
 - i. Behavioural nutrition.
 - ii. Appetite regulation under stress (Cheat meal/ party food/ home food cravings management or equivalent concept).
 - iii. Accommodating festivals/ family functions/ major official conference dinners related dietary commitments/ realities. Would be restricted to bare minimum.

Doc Evidence 11: Relevant Excerpts from Programme summaries highlighting regular interventions/ counselling/ iterative mechanisms adopted and their effectiveness.

- II. Integration with Aviation psychologist at IAM.
- III. Quarterly education of astronauts across a single face-to-face dedicated interaction on nutrition sciences and healthy eating by the lead nutritionist. (Total 04 sessions during the program with introductory session at the start of the programme before Month-1 based on conducted medical mapping).

4.8 Interaction Format

- I. Interaction with astronauts/ medical professionals/ catering partners:
 - i. In-person: Atleast once monthly or as required jointly with astronauts & catering partner.
 - ii. Online/ phone calls: First 3 months, every 2-3 days and weekly thereafter.
 - iii. Monthly feedback log to be maintained at HSFC by astronauts/ doctors.

4.9 Measurability & Outcome Definition

- I. Must define quantifiable KPIs* (Key Performance Indicators), including:
 - i. Biomarker correction rates (quarterly).
 - ii. Metabolism improvement indicators (quarterly).
 - iii. Microbiome improvement (half yearly).
 - iv. Recovery time metrics (half yearly).
 - v. VO₂ max correlation with nutrition atleast once during the programme (mid-way, can be clubbed with VO₂ max assessment undertaken during regular astronaut medicals).

*Initial improvement and thereafter maintenance of KPIs.

4.10 Data Integrity & Documentation

- I. Mandatory:
 - i. Structured data logging systems.
 - ii. Audit-ready documentation.

4.11 Integration with Training/ Design & Development Ecosystem

- I. Ability to align with:
 - i. Astronaut Feedback (factoring official commitments).
 - ii. Exercise physiology teams.
 - iii. Doctors inputs.
 - iv. Aviation Psychologist.

4.12 Rapid Iteration Capability

- I. Must demonstrate:
 - i. Ability to modify plans within ≤ 72 hours based on inputs.

4.13 Food Preparation & Consumption Compliance Monitoring

- I. Capability to:
 - i. Monitor & ensure preparation of prescribed menu (digital/ manual/ hybrid, from catering partner end).
 - ii. Monitor consumption compliance (digital/ manual/ hybrid, from astronaut end).

4.14 Safety & Medical Oversight

- I. Protocols for:
 - i. Nutritional deficiency risks.
 - ii. Over-supplementation safeguards.
 - iii. Adverse physiological response handling.

Doc Evidence 12: Protocol documents for all 3.

4.15 Documentary Deliverables (Mandatory Outputs)

- I. At the end of 12 months, the Bidding firm must provide (per astronaut):
 - i. Individualised continuous nutrition datasets.
 - ii. Biomarker-performance correlation models.
 - iii. Final technical report with actionable insights.

4.16 Quality Assurance & Audit

- I. In-house protocols for:
 - (i) Verification & Validation of constructed Menu by the designated Santulan Programme Senior Nutritionist (weekly in first quarter, fortnightly/ monthly after first quarter)
 - (ii) Cross-consultation and supervisory mechanisms (senior nutritionists).

Doc Evidence 13: Protocol documents depicting QA/ Audit mechanisms.

4.17 Data & Confidentiality Compliance

- I. Mandatory:
 - (i) Signing of Non-Disclosure Agreement (NDA).
 - (ii) Handling of sensitive programme data.

Doc Evidence 14: Willingness certificate for signing NDA.

5. Performance Monitoring

- i. Monthly review meetings/ astronaut feedback.
- ii. Quarterly evaluation checkpoints.
- iii. Mid-term continuation decision (Month 6).
- iv. Termination clause for underperformance.

6. Payment Plan (For Nutritionist Services)

- i. Month 0 (Medical tests & menu construction): No payment during this phase.
- ii. End of Month 0: 10% advance payment.
- iii. End of Month 3: Quarterly settlement. (25% of remaining service cost ie minus 10% advance)
- iv. End of Month 6: Quarterly settlement. (25% of remaining service cost ie minus 10% advance)
- v. End of Month 9: Quarterly settlement. (25% of remaining service cost ie minus 10% advance)
- vi. End of Month 12: Quarterly settlement. (25% of remaining service cost ie minus 10% advance)
- vii. Expenses for all medical and diagnostic tests would be borne by HSFC, ISRO exclusive of the payments listed above.
- viii. Additional expenditures advised by nutritionists & in-principle agreed by IAM & ASTD, HSFC, ISRO for purchasing any devices or other nutrition related infra for the astronauts during the course of the programme shall be taken up through other purchase channels/ instruments by HSFC, ISRO and would be exclusive to the service cost schedule above. Such devices/ infra could be officially communicated to HSFC for procurement at the start of the program and quarterly thereafter in a phased manner.

7. Execution Model.

Inclusions:

- I. The Nutrition menu plan shall include Breakfast, Lunch & Dinner, pre & post workout meals, hydration I&II, pre-bfast + pre-bed meals.

- II. Weekly menu development cycle (vegan, vegetarian, and non-vegetarian) and having planned travel variants and backup travel variants. Backup travel variants would be to cater for sudden unplanned travel.
- III. Individualized metabolic and allergy profiling of each astronaut.
- IV. Integration with training schedules, biomedical data, and cognitive performance indicators.
- V. Scientifically balanced macronutrient and micronutrient composition to sustain peak physical and mental efficiency.
- VI. Menu designed in collaboration with astronauts, doctors & physical training instructors.
- VII. Periodic evaluation of caloric intake (for portion control) versus expenditure based on training loads and simulation schedules.
- VIII. Customization modules for astronauts with specific metabolic or medical requirements.

7.1 Types of Menu

The project covers design, testing, and operationalisation design of astronaut-specific dietary systems, incorporating:

I. One year fully functional rotating menu covering:

(i) **Food at Office Menu (6 days/week).** Menu and actual food to be delivered at the Astronaut Training Facility, Marathahalli, Bengaluru (Mon-Sat) inclusive of declared holidays.

(ii) **Food at Home Menu (1 day/week):** is the home-prepared Sunday, aimed at maintaining continuity in astronaut dietary discipline. Incorporation of comfort foods drawn from individual astronauts' regional preferences. Menu guidelines would be disseminated in advance, allowing home kitchens/ spouses to prepare meals under suggested proportions. Astronauts may retain choice to continue with "Food at Office Menu" even on Sundays as a flexible alternative or as part of a larger strategy towards mission build-up phase.

(iii) **Travel/ Off Home Base Menu (Official tours, India & abroad).** This shall include the following three categories:

(i) **Travel Menu (Traditional):** Actual food delivered in packed form for the period of travel from Bengaluru to another city in India (eg bfast+lunch OR lunch+dinner delivered in the morning/ afternoon to be heated and consumed later). Pre-planned travel nutrition kits and adaptable menu templates for domestic and international tours for the portion of actual "air travel".

(ii) **Travel Menu (Metabolic Continuity):** Dry packed commercially available versions of organic high energy bars, organic protein bars, wholegrain brown rice cakes, organic fox nuts (makhana), sunflower seeds, pumpkin seeds, whey protein bars, flax seeds, quinoa bars, mixed berries, crave mini protein bars, dried fruit bars, plant based protein bars, millet/ ragi cookies, dark chocolates (>70%) etc would be handed over in order to ensure healthy snacking discipline during such short breaks from supervised nutrition and assist the nutritionist in maintaining favourable metabolics.

(iii) **Off base Menu (India):** Only advisory menu is to be generated while catering for visiting city conditions and mode of residence ie hotel/ mess/ guest house. No meals would be delivered.

(iv) **Off base Menu (Abroad):** Only advisory menu is to be generated while catering for visiting country food realities and mode of residence ie hotel/ astronaut cafeteria. No

meals would be delivered. Provision for culturally adaptable dietary substitutions during international travel while retaining nutritional equivalence.

(iv) **Leave/Vacation Menu (for long-duration native home stays).** Advisory menu to be prepared at home by family. No meals would be delivered.

- II. Integration of real-time feedback, training-linked meal adaptation, and taste-health balance.
- III. Conveyance of astronaut weekly schedule to the nutritionist & meal caterers would be done 10 days in advance and communicated for each astronaut by HSFC for the approaching week. Astronauts would be allowed to switch only ONCE in a year across menu types (veg, non-veg, vegan) in consultation with flight surgeons and with an advance notice of one month to the nutritionist.
- IV. Information for refusing meals due to sudden travel commitments would be conveyed a minimum of 4 days in advance to avoid pilferage at catering partner end.

7.2 **Roles.**

These are as follows:

- I. **Lead Institution.** CMOA, Human Space Flight Centre, (HSFC), ISRO, Bengaluru.
- II. **Private Partners Roles:**
 - (i) **Nutritionist Firm.** Support menu preparation, nutrient validation, and coordinate logistical distribution.
 - (ii) **Catering Firm.** Develop and coordinate delivery of meal systems to ATF.
- III. **Dynamic Menu Adjustment.** Fortnightly updates based on astronaut feedback, outreach schedules, design & development activities and technical commitments.

Delivery Place and Menu & Meals Prep Clarity

Annexure R

S. No.	Location of the place	Menu Preparation (Nutritionist Partner)	Meal Preparation & Delivery (Catering Partner)
1.	Astronaut Trg Facility (ATF), Marathahalli, Bengaluru (Mon-Sat)	✓	✓
2.	Sunday & Public Holidays (ATF)	✓	As exercised by Astronaut
3.	Short Vacations/ leave (at Bengaluru)	✓	✓
4.	Long Vacations/ leave (outside Bengaluru)	✓	X
5.	Travelling (Domestic): Travel portion	✓	✓ (packed meals)
6.	Travelling (Domestic): Off base stay $\leq$ 4 working days exclusive of Sat/Sunday	✓	X
7.	Travelling (Domestic): Off base stay > 4 working days exclusive of Sat/Sunday	✓	✓
8.	Travelling (International): Travel portion	✓	✓ (packed meals)
9.	Travelling (International): Off base stay	✓	X

Draft menu for cost estimation by vendor

Annexure S

Day	Pre-bfast 0700	Breakfast 0800	Hydration I 1100	Lunch 1300	Hydration II +u Pre/Post/ During Exercise Meals 1500-1800	Dinner 1800	Supplementation (Nutritionist + Doctors' prescription) Morning/ evening hrs	Pre-bed 2100
Mon (Physical Training Day)	Lemon water + soaked nuts (almonds)	Fresh juice with triphala + chickpea cutlet + smoothie + toast + vegan cheese + vegan yoghurt + honey + green tea	1 litre hydration including 200 ml Ash gourd juice	Soup + sprouted salad + rajma/ choley + brown rice + dry veg + vegan baked phirni with sesame (almond milk)	1 litre hydration inclusive of BCAA/ Creatine intake/ Tender Coconut water	Soup + salad + grilled tofu/ veggies + rice/pasta/noodles + dessert	Vitamin B-12/ Spirulina/ Vitamin D3- K2 & Plant Based Protein	Plant based Cassein/ ashwagandha/ turmeric milk
Tue	Neem karela based detox + soaked raisins	Cut fruits + mushroom sandwich + peanut butter + cupcake + almond milk	1 litre hydration including 200 ml Matcha Tea	Soup + grilled veg + quinoa pulao/ khichdi + veg korma (coconut base) + chia jaggery pudding (almond milk)	1 litre hydration	Salad + Millet noodles + veg gravy	Plant based Omega 3-6- 9/ Spirulina	Chyawanprash (jaggery base)
Wed (Physical Training Day)	CCF Tea + soaked nuts (brazil nut)	Fresh juice with triphala + tofu scramble + smoothie + toast + vegan cheese + vegan yoghurt + honey + herbal tea	1 litre hydration including 200 ml Coconut water	Soup + salad + dal makhani (vegan) + millet roti + aloo gobi + vegan phirni (almond milk)	1 litre hydration inclusive of BCAA/ Creatine intake/ Tender Coconut water	Soup + sourdough vegan pizza + dessert	Vitamin B-12/ Spirulina/ Vitamin D3- K2 & Plant Based Protein	Sattu milk/ ashwagandha/ turmeric milk
Thu	Aloe vera detox + soaked raisins	Cut fruits + millet upma/ multigrain dosa/ millet idli + peanut butter + toast + oat milk	1 litre hydration including 200 ml Moringa Tea	Soup + sprouted salad + soya chaap/ saag + bajra/ missi roti + black sesame laddoo	1 litre hydration	Soup + tofu mushroom pasta + garlic bread	Plant based Omega 3-6- 9/ Spirulina	Organic Arjun Bark Tea
Fri (Physical Training Day)	Amla detox + soaked nuts (almonds)	Fresh juice with triphala + avocado toast/ vegan burger/ + smoothie bowl with chia & berries + vegan cheese + honey + vegan yoghurt + green tea	1 litre hydration including 200 ml Matcha Tea	Soup + grilled veggies + vegan red/ black rice pulao + coconut jaggery payasam (oat milk)	1 litre hydration inclusive of BCAA/ Creatine intake/ Tender Coconut water	Cheat meal as per astronaut request	Vitamin B-12/ Spirulina/ Vitamin D3- K2 & Plant Based Protein	Plant based Cassein/ ashwagandha/ nutmeg
Sat	Herbal water (Jeera ajwain) + soaked raisins	Cut fruits + vermicelli/ moong chilla/ poha/ pav bhaji + peanut butter + brownie + almond milk	1 litre hydration including 200 ml Ash gourd juice	Salad + vegan biryani + quinoa coconut kheer (almond milk)	1 litre hydration	Cheat meal as per astronaut request with dessert	Multi-vitamins/ Iron	Chyawanprash (jaggery base)
Sun	Cucumber detox	Cut fruits + smoothie bowl with chia & berries + vegan cutlets + toast + vegan cheese + vegan yoghurt + oat milk	1 litre hydration including 200 ml beetroot juice	Soup + grilled veg + rice + dark chocolate pastry	1 litre Hydration	Light dinner as per nutritionist	--	Organic Arjun Bark Tea

Day	Pre-bfast 0700	Breakfast 0800	Hydration I 1100	Lunch 1300	Hydration II + Pre/Post/ During Exercise Meals 1500-1800	Dinner 1800	Supplementation (Nutritionist + Doctors' prescription) Morning/ evening hrs	Pre-bed 2100
Mon (Physical Training Day)	Lemon water + soaked nuts (almonds)	Fresh juice + smoothie + chicken cutlets + toast + cheese + butter + honey + tea/coffee	1 litre hydration including 200 ml Ash gourd juice	Soup + sprouted salad + chicken curry + rice + roti + anjeer barfi	1 litre hydration inclusive of BCAA/ Creatine intake/ Tender Coconut water	Soup + salad + chicken keema/ manchurian + rice/ pasta/ noodles + dessert	Vitamin B-12/ Spirulina/ Vitamin D3- K2 & Whey Protein	Sattu milk/ Cassein
Tue	Neem karela based detox + soaked raisins	Cut fruits + eggs + toast + peanut butter + yoghurt + honey + tea/coffee	1 litre hydration including 200 ml Matcha Tea	Soup + grilled veg + chicken quinoa + moong dal halwa	1 litre hydration	Salad + chicken noodles + veg gravy	Omega 3-6-9/ Spirulina	Chyawanprash (jaggery base)
Wed (Physical Training Day)	CCF Tea + soaked nuts (brazil nut)	Fresh juice + smoothie + chicken meatballs + toast + cheese + honey + tea/coffee	1 litre hydration including 200 ml Coconut water	Soup + salad + fish + roti + dry veg + rice + kesar phirni	1 litre hydration inclusive of BCAA/ Creatine intake/ Tender Coconut water	Soup + sourdough chicken pizza + dessert	Vitamin B-12/ Spirulina/ Vitamin D3- K2 & Whey Protein	Sattu milk/ Cassein
Thu	Aloe vera detox + soaked raisins	Cut fruits + eggs + millet upma / multigrain dosa/ millet idli + peanut butter + tea/coffee	1 litre hydration including 200 ml Moringa Tea	Soup + salad + mutton curry + roti + rice + til laddoo	1 litre hydration	Soup + chicken pasta + garlic bread	Omega 3-6-9/ Spirulina	Organic Arjun Bark Tea
Fri (Physical Training Day)	Amla detox + soaked nuts (almonds)	Fresh juice + smoothie + fish fingers + yoghurt + toast + cheese + honey + tea/coffee	1 litre hydration including 200 ml Matcha Tea	Soup + grilled veg + chicken rice + dark chocolate truffle	1 litre hydration inclusive of BCAA/ Creatine intake/ Tender Coconut water	Cheat meal as per astronaut request	Vitamin B-12/ Spirulina/ Vitamin D3- K2 & Whey Protein	Sattu milk/ Cassein/ nutmeg
Sat	Herbal water (Jeera ajwain) + soaked raisins	Cut fruits + grilled fish + toast + peanut butter + tea/coffee	1 litre hydration including 200 ml Ash gourd juice	Salad + chicken biryani + quinoa coconut kheer	1 litre hydration	Cheat meal as per astronaut request with dessert	Multi-vitamins/ Iron	Chyawanprash (jaggery base)
Sun	Cucumber detox	Cut fruits + grilled chicken + smoothie + yoghurt + toast + cheese + tea/coffee	1 litre hydration including 200 ml beetroot juice	Soup + grilled veg + mutton + rice + coconut payasam	1 litre Hydration	Light dinner as per nutritionist	--	Organic Arjun Bark Tea
Day	Pre-bfast 0700	Breakfast 0800	Hydration I 1100	Lunch 1300	Hydration II +	Dinner 1800	Supplementation	Pre-bed 2100

					Pre/Post/ During Exercise Meals 1500-1800		(Nutritionist + Doctors' prescription) Morning/ evening hrs	
Mon (Physical Training Day)	Lemon water + soaked nuts (almonds)	Fresh juice + smoothie + chicken cutlets + toast + cheese + butter + honey + tea/coffee	1 litre hydration including 200 ml Ash gourd juice	Soup + sprouted salad + chicken curry + rice + roti + anjeer barfi	1 litre hydration inclusive of BCAA/ Creatine intake/ Tender Coconut water	Soup + salad + chicken keema/ manchurian + rice/ pasta/ noodles + dessert	Vitamin B-12/ Spirulina/ Vitamin D3- K2 & Whey Protein	Sattu milk/ Cassein
Tue	Neem karela based detox + soaked raisins	Cut fruits + eggs + toast + peanut butter + yoghurt + honey + tea/coffee	1 litre hydration including 200 ml Matcha Tea	Soup + grilled veg + chicken quinoa + moong dal halwa	1 litre hydration	Salad + chicken noodles + veg gravy	Omega 3-6-9/ Spirulina	Chyawanprash (jaggery base)
Wed (Physical Training Day)	CCF Tea + soaked nuts (brazil nut)	Fresh juice + smoothie + chicken meatballs + toast + cheese + honey + tea/coffee	1 litre hydration including 200 ml Coconut water	Soup + salad + fish + roti + dry veg + rice + kesar phirni	1 litre hydration inclusive of BCAA/ Creatine intake/ Tender Coconut water	Soup + sourdough chicken pizza + dessert	Vitamin B-12/ Spirulina/ Vitamin D3- K2 & Whey Protein	Sattu milk/ Cassein
Thu	Aloe vera detox + soaked raisins	Cut fruits + eggs + millet upma / multigrain dosa/ millet idli + peanut butter + tea/coffee	1 litre hydration including 200 ml Moringa Tea	Soup + salad + mutton curry + roti + rice + til laddoo	1 litre hydration	Soup + chicken pasta + garlic bread	Omega 3-6-9/ Spirulina	Organic Arjun Bark Tea
Fri (Physical Training Day)	Amla detox + soaked nuts (almonds)	Fresh juice + smoothie + fish fingers + yoghurt + toast + cheese + honey + tea/coffee	1 litre hydration including 200 ml Matcha Tea	Soup + grilled veg + chicken rice + dark chocolate truffle	1 litre hydration inclusive of BCAA/ Creatine intake/ Tender Coconut water	Cheat meal as per astronaut request	Vitamin B-12/ Spirulina/ Vitamin D3- K2 & Whey Protein	Sattu milk/ Cassein/ nutmeg
Sat	Herbal water (Jeera ajwain) + soaked raisins	Cut fruits + grilled fish + toast + peanut butter + tea/coffee	1 litre hydration including 200 ml Ash gourd juice	Salad + chicken biryani + quinoa coconut kheer	1 litre hydration	Cheat meal as per astronaut request with dessert	Multi-vitamins/ Iron	Chyawanprash (jaggery base)
Sun	Cucumber detox	Cut fruits + grilled chicken + smoothie + yoghurt + toast + cheese + tea/coffee	1 litre hydration including 200 ml beetroot juice	Soup + grilled veg + mutton + rice + coconut payasam	1 litre Hydration	Light dinner as per nutritionist	--	Organic Arjun Bark Tea

Price bid format

Annexure T

Sl. No.	Nutritionist Consultancy charges	Cost for 01 Astronaut per month	Cost for 01 Astronaut per quarter	Cost for 01 Astronaut per year	Total for 03 Astronauts for 1 year	Total (For 3 Astronauts)
1.	Nutritionist Consultancy charges Major Meals (Bfast, Lunch, Dinner, Pre-bfast, hydration, Pre-bed & Pre/ Post Exercise Meals)	INR _____ monthly + taxes	_____ x 03 = INR _____ quarterly + taxes (To be paid pro-rata quarterly)	_____ x 04 = INR _____ annually + taxes	_____ x 03 = INR _____ annually + taxes	INR _____ + taxes (Amount in words plus taxes)

Compliance Matrix

Annexure G

Sl. No	Elig Criteria Para No	Compliance Clause	Doc Evidence Req'd	Compliance Feedback by vendor	
				Yes	No
1.	4.1 (I)	Academic/ Professional Credentials: Post Graduate degree in Food & Nutrition/ Clinical Nutrition/ Human Nutrition (Educational Certificates for all 4 Nutritionists)	Yes		
2.	4.1 (II)	Employee Status: (i) Employee ITR for last six months/ Payslips. (ii) Aadhar Card/ equivalent for residential status.	Yes		
3.	4.2 (I)	Company Location: (i) Company Registration Certificate/ Rental Agreement (ii) Geo-tagged photographic evidence of office premises.	Yes		
4.	4.3 (I)	Experience: Min 15 years	Yes		
5.	4.3 (II)	Precision/ Personalised Nutrition Capability: Individualised Nutrition Reports.	Yes		
6.	4.4 (I)	High Performance Population experience: (i) Proven work with sportspersons/ corporate firms: Individualised/ Corporate Project Reports.	Yes		
7.	4.4 (II)	High Performance Population experience: (i) Measurable Performance Outcome: Relevant Excerpts from Personalised Programme Summaries	Yes		
8.	4.5 (I)	Ongoing Programmes: (i) High performance/ Sports/ Periodised nutrition: Relevant Excerpts from Individualised Project Reports	Yes		
9.	4.6 (I) i	Biomedical Data Analytics Capability: (i) Web/ app-based tracking systems: Infographics & web links/ references.	Yes		
10.	4.6 (I) ii	Biomedical Data Analytics Capability: (i) Quarterly Bio Interpretation: Relevant Excerpts from Programme summaries.	Yes		
11.	4.7	Psychological & Sensory Nutrition: Relevant Excerpts from Programme summaries highlighting regular interventions/ counselling/ iterative mechanisms adopted and their effectiveness.	Yes		
12.	4.8	Interaction with astronauts/ medical professionals/ catering partners: (i) In-person: Atleast once monthly (ii) Online/ phone calls: (iii) Monthly feedback log to be maintained at HSFC	No		
13.	4.9	Measurability & Outcome Definition (i) Biomarker correction rates on quarterly basis (ii) Metabolism improvement indicators (iii) Microbiome improvement (iv) Recovery time metrics (v) VO ₂ max correlation with nutrition atleast once during the programme	No		

Compliance Matrix

Annexure G (cont'd)

Sl. No	Elig Criteria Para No	Compliance Clause	Doc Evidence Req'd	Compliance Feedback by vendor	
				Yes	No
14.	4.10	Data Integrity & Documentation (i) Structured data logging systems (ii) Audit-ready documentation.	No		
15.	4.11	Integration with Training/ Design & Development Ecosystem (i) Ability to align with Astronaut feedback (factoring official commitments. (ii) Ability to align with exercise physiology teams (iii) Ability to align with doctor inputs (iv) Ability to align with Aviation Psychologist	No		
16.	4.12	Rapid Iteration Capability: Must be able to demonstrate the ability to modify plans within ≤72 hours based on inputs.	No		
17.	4.13	Food Preparation & Consumption Compliance Monitoring (i) Monitor & ensure preparation of prescribed menu (digital/manual/hybrid, from catering partner end). (ii) Monitor consumption compliance (digital/manual/hybrid, from catering Astronaut end).	No		
18.	4.14	Safety & Medical Oversight (i) Nutritional deficiency risks. (ii) Over-supplementation safeguards. (iii) Adverse physiological response handling. (Protocol documents for all 3)	Yes		
19.	4.15	Documentary Deliverables (Mandatory Outputs) At the end of 12 months, the bidding firm must provide (per astronaut): (i) Individualised continuous nutrition datasets. (ii) Biomarker-performance correlation models. (iii) Final technical report with actionable insights.	No		
20.	4.16	QA & Audit (i) Verification & Validation. (ii) Cross-consultation and supervisory mechanisms. (Protocol documents depicting QA/ Audit mechanisms)	Yes		
21.	4.17	Data & Confidentiality Compliance: Willingness certificate for signing NDA.	Yes		

- Note: 1. All points mentioned in compliance matrix above are mandatory for qualification.
2. Documentary evidence submission is mandatory for all applicable points mentioned above. For points with no documentary evidence requirement, vendor shall simply confirm compliance with a "Yes" in the compliance feedback column above.