

INDIAN NATIONAL CENTRE FOR OCEAN INFORMATION SERVICES

Ministry of Earth Sciences, Government of India
"Ocean Valley", Pragathi Nagar (B.O.), Nizampet (S.O.)
Hyderabad - 500 090, India

No.INCOIS:F&A:OMAS:2023-26:19

Dated:26.09.2023

ADMINISTRATIVE ORDER

Director, INCOIS is pleased to sanction the collaborative project entitled "**Evaluation of POC bio-optical algorithms & understanding environmental forcing on POC dynamics**" to Centurion University of Technology and Management (CUTM), Bhubaneswar under Ocean Modeling and Advisory Services (OMAS) at a total cost of **₹84.53 lakhs (Eighty four lakhs fifty three thousand only)** during the period from **September 26, 2023 to March 31, 2026** on the terms and conditions detailed here under:

1. The Project title:

Evaluation of POC bio-optical algorithms & understanding environmental forcing on POC dynamics.

2. Project Objectives:

- 2.1. To record the frequently occurring jellyfish and understand and characterize their specific environmental preferences.
- 2.2. In situ measurement of POC, OAS, AOP, nutrients, phytoplankton (taxonomy & pigments), salinity, temperature, DO, and pH at the time-series transect on a monthly scale.
- 2.3. Performance assessment of existing POC retrieval algorithms in coastal waters using in situ POC.
- 2.4. Understanding the seasonal influence and river discharge on POC variability and in-water optics.
- 2.5. Understanding POC source, distributions, dynamic changes, and environmental control.
- 2.6. Examining POC and chlorophyll relationship to understand the ecological and physiological conditions of phytoplankton.
- 2.7. Investigating the linkages of POC with the fishery.

3. Implementing Organization & Team:

This project will be carried out at Centurion University of Technology and Management (CUTM), Bhubaneswar.

- **Project Investigator (PI):** Dr. Kamal Kumar Barik, Associate Professor, School of Maritime Studies Centurion University of Technology and Management (CUTM), At - Ramchandrapur, P.O. - Jatni, Bhubaneswar Dist: Khordha, 752050, Odisha, India
Email ID: kamal.barik@cutm.ac.in




26/9/23
S. Nageswara Rao
Senior Accounts Officer

- **Co-PIs:**

- Dr. Pratap Kumar Chhotaray, Assistant Professor, Department of Chemistry Centurion University of Technology and Management (CUTM), At - Ramchandrapur, P.O. - Jatni, Bhubaneswar Dist: Khordha, 752050, Odisha, India Email ID: pratap.chhotaray@cutm.ac.in

- **INCOIS Coordinator:** Mr. Alakes Samanta, Scientist-D, ARO-OMARS Division, INCOIS Email ID: samanta.a@incois.gov.in

4. Timeline of the Project:

The time period for implementation of the project is from **September 26, 2023 to March 31, 2026**

5. Manpower Details:

The following manpower is sanctioned under this project.

- Project Associate-I – 2 No.

The host institute may follow their own guidelines in respect of the manpower engaged by them for the said project. In the absence of host institute guidelines, DST, Government of India guidelines may be followed.

6. Annual Activity Plan

2023-24
<ul style="list-style-type: none"> • Defining sampling strategy, experiment planning, and execution • Field sampling, experiment, data analysis, and interpretation • Performance evaluation of POC algorithm • Scientific publication preparation
2024-25
<ul style="list-style-type: none"> • Field sampling, experiment, data analysis, and interpretation • Performance evaluation of POC algorithm • Data analysis to understand POC source, distributions, dynamic changes, and environmental control • Data analysis to understand the seasonal influence and river discharge on POC variability and in-water optics • Scientific publication preparation
2025-26
<ul style="list-style-type: none"> • Field sampling, experiment, data analysis, and interpretation • Performance evaluation of POC algorithm • Data analysis to understand POC source, distributions, dynamic changes, and environmental control • Data analysis to understand the seasonal influence and river discharge



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- on POC variability and in-water optics
- Data analysis to examine the POC and chlorophyll relationship
- Analysis of fish landing data to investigate the linkages of POC with fishery
- Scientific publication preparation
- Preparation of final report

7. Deliverables

- Long-term (at monthly scale) database on POC, optically active substances, apparent optical properties, nutrients, phytoplankton pigments, and other water quality parameters.
- Technical Document / Data Analysis Report on the performance evaluation of POC retrieval algorithm
- Research publication on understanding POC dynamics w.r.t. associated water quality parameters.

8. Other Terms & Conditions:

- 8.1. The Principal Investigator (PI) shall be a permanent employee of the host Institutions/University/Research Laboratory/Organization and is expected to have sufficient exposure and prior experience in the proposed field. All basic facilities, infrastructure etc. required for the project shall be provided by the host organization.
- 8.2. Project will be sanctioned for a specific period (26.09.2023 to 31.3.2026) and the date of commencement of the project will be from the date of issue of sanction order. The release of further funds will be only against the submission of (i) Audited Utilization Certificate, (ii) Audited Statement of Expenditure, (iii) List of assets acquired from the Project Grants(iv) Consolidated Statement of Expenditure and (v) Annual Progress Report
- 8.3. Accounts should be maintained in a separate Register by controlling authority. This account shall be subject to the audit and the report should be submitted periodically. If it is found expedient to keep a part or whole of the grant in the bank account earning interest, the interest thus yielded should be reported to INCOIS. This will be treated as credit to the host Institution/University/Organization and will be adjusted in the subsequent release of the grant by INCOIS. The final audited statement of accounts pertaining to the grant should be submitted within 3 months of the termination/completion of the project. The audited accounts shall be submitted and the unspent balance, if any shall be remitted to INCOIS. The Comptroller and Auditor General of India at its discretion shall have the right to access the books and audits of the Institution/University/Organization for the grants received from INCOIS.
- 8.4. Allocation of funds for various budgetary items as sanctioned shall be adhered strictly. Any deviation either in spending the money from the sanctioned amount



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for each head or after the lapse of time should be spent only after obtaining prior approval from INCOIS.

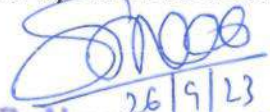
- 8.5. The host Institution/University/Organization is not permitted to seek or utilize funds from any other organization (Government/Semi-Government/Autonomous or Private) for the same project.
- 8.6. The staff recruited for the project shall not to be treated as employees of the INCOIS. The deployment of such staff after the completion/termination of the project is not the concern/responsibility of the INCOIS.
- 8.7. The PI shall submit one hard copy and a soft copy of the annual progress report of the project by the second week of April of every year during the entire duration of the project. The review committee constituted by INCOIS will review the progress of the work and suggest measures to ensure an early realization of the results of the project. During the execution period of the project, the host Institution/University/Organization shall extend all facilities to the committee of experts who will be on inspection/review.
- 8.8. Internal Travel can be included for participation in scientific conferences/symposia/workshops/field works etc. connected with the project. International Travel cost is not allowed out of project funds. (Travel grant can be used only for domestic travel and cannot be used for any international travel)
- 8.9. The equipment not available in the nearby and expendable items to laboratory supplies, and cost of computer time etc., may be proposed. However, equipment should be ordered within ninety days from the date of sanctioning of the project.
- 8.10. Goods (consumables/equipment) available in GeM portal are to be procured through GeM / host institution procurement procedures. The expenditure under different heads and submission UC & SoE needs to be done as per Department of Expenditure, Govt of India Guidelines.
- 8.11. For permanent/semi-permanent assets acquired solely or mainly out of the grant including books, furniture, etc., an audited record in the form of a register shall be maintained by the host Institution/University/Organization for the record purpose. The term Asset means (i) Immovable property or (ii) Movable Property of a capital nature where the value exceeds Rs.10,000/-. However, the grant shall not be utilized for construction of any building. At the end of each financial year, a physical stock verification certificate together with asset details is to be provided for the assets acquired under the project grants for the audit purpose.
- 8.12. All the assets including equipment, prototype acquired or fabricated out of project funds etc, will be property of INCOIS. They will remain with the host Institution/University/Organization concerned unless or otherwise directed by INCOIS. These should not be disposed off or encumbered or utilized for any purpose other than those for which the grant is sanctioned during the project period.
- 8.13. After conclusion of the Project, INCOIS will decide about the assets acquired under the project funding. INCOIS has the discretion to give the assets to the




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Institution if it considers it appropriate. The money generated out of sale proceeds of assets of INCOIS if any, shall be remitted to INCOIS account. However, the host Institution/University/Organization shall render necessary facilities for arranging the sale of assets or transfer them to other places as per the desires of INCOIS.

- 8.14. Reports/Dissertation/Thesis/Publications coming out of this research work shall be forwarded to INCOIS immediately after their release. Proper acknowledgement should be given to INCOIS.
- 8.15. The host Institution/University/Organization shall submit all drawings, source codes and technical documentations pertaining to the products of the project at any time as desired by INCOIS. The know-how generated either from the project or the receipts by way of sale of know-how, royalty, etc. will be property of INCOIS. INCOIS may, at its discretion, allow a portion of such receipts to be retained by the host organization. However, sale of know-how, collection and settling the rate of royalty etc. would be decided by the INCOIS.
- 8.16. In case of change of PI to whom the project is sanctioned the PI shall submit an upto date status report of the project and accounts and shall hand over the same to the 1st co- investigator/nominated official from host Institute who will become PI after obtaining the necessary permission from the host organization as well as from INCOIS.
- 8.17. In case where the host organization is unable to execute or complete the work, the entire amount received in the form of a grant shall be returned to INCOIS along with penal interest. In such case the host organization shall not entrust this work, in full/partial to any other Institution/University/ Organizations for implementation.
- 8.18. INCOIS shall terminate the grant at any stage if convinced either grant of the project is not being properly utilized or work is not progressing according to the milestones.
- 8.19. The PI should submit progress reports as per the recommended norms (through email or Speed Post to INCOIS) having detailed outcome of the project to INCOIS during the sanctioned period.
- 8.20. The PI should submit data to INCOIS at regular intervals (offline or delayed time) and transmit the data in real-time/near-real time to INCOIS once the automated transmission is operational.
- 8.21. INCOIS data policy is applicable for sharing of data with users.
- 8.22. In case, where there is violation of any of these conditions for the grant, closure or dissolution of the host organization, INCOIS shall take possession of all the assets acquired under the project grants and use them in any manner deemed appropriate or to recover from the host organization to an extent the total value of the Project including penal interest.
- 8.23. The host Institution/University/Organization should ensure that the technical support/financial assistance provided to them by the INCOIS should invariably be


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highlighted/acknowledged in their publications/ media releases/ patents / any other output emanating out of the project/program funded by INCOIS as well as in bold letters in the opening paragraphs of their Annual Report submitted to INCOIS by the Project Investigator.

- 8.24. Expenditure, Advance and Transfer (EAT) module of PFMS (<https://pfms.nic.in>) should be activated for the grants released under the project and expenditure under the project shall be monitored through EAT module.
- 8.25. INCOIS shall release the funds as far as possible in "Just- In-Time" manner keeping the float in CNA account to the minimum possible and shall in no case release more the 25% of the amount earmarked for the scheme in a financial year at a time. Additional funds (not more than 25% at a time) will be released only upon utilization of at least 75% of the funds released earlier and in compliance with the conditions of previous sanction.
- 8.26. For administrative convenience and efficiency the INCOIS may obtain approval of the competent authority and concurrence of the Director INCOIS / Senior AO INCOIS advisor for more than 25% at a time. But release of funds shall not exceed 25% in one installment.

9. Project Releases:

The amount will be transferred electronically/ in favor of Registrar, Centurion University of Technology and Management (CUTM), Bhubaneswar towards grant-in-aid for the period from date of sanction September 26, 2023 to March 31, 2026. The details of electronic transfer of funds are as follows: -

Name of the Account	Centurion University of technology and management
Name of the Bank	Canara Bank
Bank Account No.	120024809238
Bank Account type	SBA
Branch Name	JAGADAMBA COMPLEX ,JATNI MAIN ROAD DIST-KHURDA ORISSA-752050
Branch Code	0003673
IFSC Code	CNRB0003673
Swift Code	--
Address of the Bank	JAGADAMBA COMPLEX ,JATNI MAIN ROAD DIST-KHURDA ORISSA-752050

10. Budget Provisions:

The projects are programmed for from September 26, 2023 to March 31, 2026. However, the release of funds and sanctions will be given annually based on the progress and the policy of MoES.



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26/9/23
B. Nagaswami Rao
Senior Accounts Officer

The year-wise and object head-wise break-up is as follows:

(Amount in Lakhs)

Sl. No	Budget Head	2023-24	2024-25	2025-26	Total
1	Manpower (Project Associate-I - 02 No)	8.63	8.63	9.74	27
2	Domestic Travel (Including field travel –TA& DA)	3.80	3.80	3.80	11.4
3	Office Expenses (Contingency, consumables, boat hiring)	11.70	11.70	11.70	35.1
4	Overhead (<=15% of recurring)	3.62	3.62	3.79	11.03
	Recurring - Total (A)	27.75	27.75	29.03	84.53
5	Machinery & Equipment*	0.00	0.00	0.00	0.00
	Non-recurring - Total (B)	0.00	0.00	0.00	0.00
	Total (A+B)	27.75	27.75	29.03	84.53

***Machinery & Equipment –**

- On loan basis (Portable CTD Profiler, Hypespectral Radiometer, Flurometer, UV Visible Spectrophotometer, Weighing Balance-Moisture Analyzer)

11. Project Review

The progress of the project will be periodically monitored, and necessary suggestions will be provided by the review committee constituted by Director, INCOIS. The extension of the project will be based upon satisfactory progress and the recommendation of the review committee.



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Senior Accounts Officer

12. Acknowledgements by PIs

All the Principal Investigators (PI) who has obtained the financial support from the Ministry or any of its constituent units should provide the **"Undertaking from the Investigators"** Letter provided at Annexure-I for giving proper acknowledgement to the Ministry and its constituent units.




26/9/23

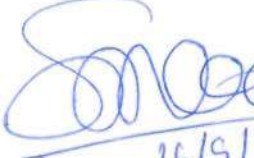
(S. Nageswara Rao)
Senior Accounts Officer &
Head ESS (Addl. Charge)
INCOIS- HYDERABAD

S. Nageswara Rao
SENIOR ACCOUNTS OFFICER & HEAD - ESS (ADDL CHARGE)
Indian National Centre for Ocean Information Services (INCOIS)
Ministry of Earth Sciences, Govt. of India
"Ocean Valley" Pragathi Nagar, Nizampet Post,
Hyderabad-500090, Telangana, India

To

1. The Registrar, Centurion University of Technology and Management (CUTM), Bhubaneswar.
2. PI: Dr. Kamal Kumar Barik, Associate Professor, School of Maritime Studies Centurion University of Technology and Management (CUTM), At - Ramchandrapur, P.O. - Jatni, Bhubaneswar Dist: Khordha, 752050, Odisha, India
3. Co-PI: Dr. Pratap Kumar Chhotaray, Assistant Professor, Department of Chemistry Centurion University of Technology and Management (CUTM), At - Ramchandrapur, P.O. - Jatni, Bhubaneswar Dist: Khordha, 752050, Odisha, India
4. Dr. T.M Balakrishnan Nair, Scientist 'G' & Group Director (OMARS), INCOIS, Hyderabad.
5. Mr. Pattabhi Ramarao, Scientist 'G' & Group Director (ODICT), INCOIS, Hyderabad.
6. Mr. Alakes Samanta, Scientist-D, ARO-OMARS Division, INCOIS, Hyderabad.
7. Dr. Sanjiba Kumar Baliarsingh, Scientist-'B' & Member Secretary (PRMC), INCOIS, Hyderabad.




26/9/23

(S. Nageswara Rao)
Senior Accounts Officer &
Head ESS (Addl. Charge)
INCOIS- HYDERABAD

S. Nageswara Rao
SENIOR ACCOUNTS OFFICER & HEAD - ESS (ADDL CHARGE)
Indian National Centre for Ocean Information Services (INCOIS)
Ministry of Earth Sciences, Govt. of India
"Ocean Valley" Pragathi Nagar, Nizampet Post,
Hyderabad-500090, Telangana, India

Annexure-I

UNDERTAKING FROM INVESTIGATORS

I/We agree to acknowledge the financial support given by the Ministry of Earth Sciences in all publications (reports/scientific papers/review articles etc) emerging out of the research/activity undertaken under this project as per the following format

"The author/authors gratefully acknowledge the financial support given by Indian National Centre for Ocean Information Services (INCOIS), Ministry of Earth Sciences, Government of India to conduct this research".

Date:
Place:

Signature of Principal Investigator
with Official Seal

Date:
Place:

Signature of Co-Principal Investigators
with Official Seal

PURCHASE ORDER

HINDUSTAN AERONAUTICS LIMITED(B.C.)
AEROSPACE DIVISION
POST BAG NO. - 7502
NEW THIPPASANDRA POST
BANGALORE - 560075
GST NO - 29AAACH3641R1Z3



Phone : 080-22315523 / 540
Fax : 080 - 22312603
Mail : imm.aerospace@hal-india.com
Web : www.hal-india.com

VENDOR CODE : IN00674003, GSTNO- 21AABCC9406C1ZB

ORDER NO : INSP0-25

M/s.

GRAM TARANG EMPLOYABILITY TRAINING SER
FOREST PARK, PLOT NO- 17,
FOREST PARK, Khordha
BHUBANESHWAR 751009
INDIA

ORDER DATE : 03-MAR-2023

NIL, PNC DT:21.02.2023

TOTAL ITEMS

1

CURRENCY CODE

INR

Please arrange to supply the materials in the annexures as per terms and conditions attached

SI No	PART NUMBER/DESCRIPTION	QUANTITY	UNIT PRICE	EXTENDED VALUE
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ITEMS ARE AS PER THE ANNEXURES

BASIC VALUE OF THE ORDER

32805000.

GRAND TOTAL :

32,805,000.00

Rupees Three Crore Twenty-Eight Lakhs Five Thousand Point Zero Zero Only

DELIVERY REQUIRED : DELIVERY SCHEDULE WILL BE AS PER MUTUALLY DISCUSSED BASED ON HAL
REQUIREMENT.

DELIVERY TERMS : F.O.R HAL AEROSPACE DIVISION

PAYMENT TERMS : REFER AS PER ANNEXURE ENCLOSED

MODE OF DELIVERY : ROAD TRANSPORT

"As per record available with HAL, the bank account details of your company are as under:

Account No: 0042102000044208

IFSC Code: IBKL0000042

Bank Name: IDBI BANK

Branch: BHUBANESHWAR, ODISHA

You are requested to verify the bank details above. If any changes, please notify us with supporting documents duly attested by your banker along with order Acknowledgement. HAL will not be responsible in whatsoever for vendor's failure to update bank details.

This Order is also governed by the Conditions of contract sent along with the Tender enquiry.

ATTENTION IS DRAWN TO THE FOLLOWING :

"HAL HAS NOT ENGAGED ANY AGENT/AGENTS OR THIRD PARTY/PARTIES IN THE PROCESS OF PROCUREMENT OF ANY MATERIALS FOR THE REQUIREMENT OF HAL. HAL IS ALSO NOT RESPONSIBLE FOR ANY PERSON/FIRM EXPRESSING OR PRETENDING TO EXPRESS HIMSELF/ HERSELF/ THEMSELVES TO BE AGENT OR THIRD PARTY REPRESENTING HAL IN THE PROCESS OF PROCUREMENT OF THE MATERIALS. IT IS ADVISED TO DEAL DIRECTLY WITH HAL REPRESENTATIVE WHO IS THE SIGNATORY TO THIS DOCUMENT."

Yours faithfully
FOR HINDUSTAN AERONAUTICS LIMITED

NAVEEN G. HEGDE
CHIEF MANAGER(OS)
Authorized Signatory
Aerospace Division

PURCHASE ORDER

HINDUSTAN AERONAUTICS LIMITED(B.C.)
AEROSPACE DIVISION
POST BAG NO. - 7502
NEW THIPPASANDRA POST
BANGALORE - 560075(INDIA)
GST NO- 29AAACH3641R1Z3



Phone : 080-22315523 / 540
Fax : 080 - 22312603
Mail : imm.aerospace@hal-india.com
Web : www.hal-india.com

Purchase Order : INSPO-25
BHUBANESHWAR

Vendor : GRAM TARANG EMPLOYABILITY TRAINING SERVICES (P) LTD ,

SI No	PART NO/DESCRIPTION	QUANTITY	UNIT PRICE (Rs.)	EXTENDED VALUE
1	ICMF CNC OPERATION-E (HSN No-) ICMF CNC OPERATION (INSOURCING MHR) DETAILED SCOPE OF WORK AS PER ANNEXURE-A ENCLOSED.	121,500.00 Hour	270.00	32,805,000.00
BASIC TOTAL :				32805000.00
GRAND TOTAL :				32805000.00

PURCHASE ORDER

HINDUSTAN AERONAUTICS LIMITED(B.C.)
AEROSPACE DIVISION
POST BAG NO. - 7502
NEW THIPPASANDRA POST
BANGALORE - 560075(INDIA)
GST NO - 29AAACH3641R1Z3



Phone : 080-22315523 / 540
Fax : 080 - 22312603
Mail : imm.aerospace@hal-india.com
Web : www.hal-india.com

Purchase Order : INSP0-25

Vendor : GRAM TARANG EMPLOYABILITY TRAINING SERVICES (P) LTD , BHUB

OUR GST NO:29AAACH3641R1Z3

-BANK DETAILS, AS MENTIONED IN THE FIRST PAGE OF PO, ARE THE DETAILS AVAILABLE WIT US FOR PAYMENT PURPOSE.

REFERENCES:-
ANNEXURE A & B

*USER WILL VERIFY STATUTORY PAYMENTS LIKE ESI & PF FOR PERSONNEL ENGAGED AS PER ANNEXURE, BEFORE CERTIFYING THE PAYMENT.

**IN CASE OF ANY FUTURE REQUIREMENT, REPEAT ORDER WILL BE PROPOSED WITHIN ONE YEAR FROM THE LAST SUPPLY OF THE COMPONENT.

1. THIS ORDER IS ISSUED SUBJECTED TO OUR TERMS AND CONDITIONS OF CONTRACT. WORKS TO BE CARRIED OUT AS PER ACTIVITIES INDICATED IN ANNEXURE-I
2. INVOICE IN DUPLICATE & USER CERTIFICATION TO BE SENT TO CHIEF MANAGER(OS).
3. PLEASE POST US THE ORDER ACKNOWLEDGEMENT WITHIN 7 DAYS AFTER ISSUANCE BY HAL. NON RECEIPT OF THE ORDER ACKNOWLEDGEMENT WITHIN THE PRESCRIBED PERIOD IS DEEMED AS ORDER ACCEPTANCE BY THE SUPPLIER.
4. INSPECTION WILL BE CARRIED OUT AT OUR WORKS BY OUR INSPECTOR.
5. PAYMENT TERMS: AS PER ANNEXURE-A
6. YOU SHOULD HAVE SECURITY CLEARANCE ISSUED BY CONNECTED POLICE AUTHORITIES AND SHOULD HAVE CLEAR POLICE VERIFICATION REPORT (PVR) AT ALL TIMES IN YOUR POSSESSION TO BE ISSUED TO AEROSPACE DIVISION, HAL BANGALORE ON SPECIFIC DEMAND.
7. PLEASE SEND YOUR BILLS /INVOICES TO CM(OS), ASD BENGALURU-75. DULY ENCLOSING A COPY CERTIFICATION BY QC OR CERTIFIED BY CONCERNED OFFICER INCHARGE.
8. THE PAYMENTS ARE MADE THROUGH ELECTRONIC MODE i.e., ESC/NEFT/RTGS. HENCE, PLEASE FURNISH YOUR BANK DETAILS ON YOUR LETTER HEAD LIKE NAME OF THE BENEFICIARY, A/C NO., TYPE OF A/C, BANK NAME & ADDRESS, MICR NO., IFSC/RTGS CODE & ALSO ENCLOSED CANCELLED CHEQUE COPY.
9. HAL AEROSPACE DIVISION BEING ENVIRONMENTALLY FRIENDLY AREA, VEHICLES WITH VALID EMISSION TEST CERTIFICATE ONLY WILL BE ALLOWED. HENCE YOU ARE REQUESTED TO ENSURE COMPLIANCE.
10. THE VENDOR SHALL BE RESPONSIBLE FOR ANY LOSS OR DAMAGE CAUSED TO HAL PROPERTY DUE TO THE NEGLIGENCE OF THE PERSONNEL ENGAGED BY HIM. THE COST OF SUCH DAMAGE DECIDED BY THE MANAGEMENT SHALL BE PAID BY THE VENDOR OR WILL BE RECOVERED FROM THE AMOUNTS PAYABLE TO THE VENDOR.
11. THE PURCHASE ORDER IS TERMINABLE WITHOUT ANY COMPENSATION FOR BREACH BY THE CONTACTOR OF ANY OF THE TERMS AND CONDITIONS HEREIN CONTAINED, OR OTHERWISE STIPULATED IN THE TENDER DOCUMENTS / AGREEMENT.

Total Order Cost : Rs.32805000/- + 18% IGST @ Rs.5904900/- = Rs.38709900/-

Annexure-A

General Terms and Conditions:

1. The scope of work includes the operations of all CNC machines at ICMF to produce high precision parts of CE20 & SC200 rocket engines as per the drawing requirement which will be shared by HAL time to time. The list of machineries is provided at the end of this document.
2. Vendor has to quote for operation of all the machines as per RFQ requirement.
3. Selection of party shall be on totality basis.
4. All the personnel deployed by vendor should work only as per HAL shift timings.
5. Vendor has to engage supervisory personnel in all the shifts of operation.
6. Effective supervision shall be ensured by the vendor with qualified supervisor during operation of critical processes. Minimum one supervisor (over and above machine operators/helpers) is mandatory for effective execution of order. Offer/proposal shall not be considered for evaluation if supervisory activities are not considered.
7. Vendor has to engage persons for carrying out tool presetting & bench operations and helpers required to assist CNC machine operators for component loading, inter machine movement, clearing the chips from machining area to designated location and for top up of coolant available in CNC shop.
8. Vendor has to provide safety shoes and uniform for all the personnel deputed.
9. Vendor has to deploy one operator per machine per shift. It is also required to develop multi skilling of operators to provide coverage to other machines and thereby avoiding production hold ups.
10. Reworks, if any, arising due to poor workmanship shall be carried out by the vendor without any additional charge/cost. Reworks arising due to design changes/modifications, if any, shall be compensated/adjusted based on changed scope of work.
11. All the components are to be deburred after fabrication within one week and to be offered to inspection. Stage deburring activity will be in the scope of vendor.
12. Vendor has to maintain machine wise log book and personnel deputed on each machine shall record the activities carried out in each shift and the same will be certified by the shop supervisor/in charge.
13. There is no separate payment for supervisory personnel. Vendor has to submit quote for man hour cost considering all the aspects. In case, the service provider/vendor is not able to provision the supervisor intentionally or un-intentionally which results adversely in the production activities at ICMF, such conduct of vendor shall be treated as breach of contract.
14. Vendor has to complete the assigned job within the stipulated time. The timelines for the realisation of components agreed to as per the assigned Plan shall act as Key Performance Indicators (KPI) for assessment of the performance of the Vendor. A delay of 15 days attributable to the Vendor beyond the defined timeline for any activity shall be considered as a failure to meet the KPI.

General Terms and Conditions:

Annexure-A

15. Vendor has to plan for tentatively 27 CNC operators in following phases form T0 (T0=Date of Purchase order):

Sl. No	Time Duration	No. of Operator*
1	T0 + 1month	9
2	T0 + 4month	12
3	T0 + 7month	13
4	T0 + 10month	23
5	T0 + 13month	25
6	T0+16 months	26
7	T0+19 months onwards	27

*Note: The projections are tentative and the same may change based on HAL's requirements. HAL shall inform the vendor well in advance to make plan for provisioning of the required operators at ASD.

16. Separate logbook to be maintained by the vendor to record all the details of operations/activities carried out on each day and same to be certified by HAL-ASD shop supervisor on daily basis.
17. In case there is an upward revision in the applicable rate of tax (GST) post submission of bid, the contractor shall submit a copy of the relevant statute/notification evidencing change of applicable rates for claiming payment from HAL as per revised GST rates. Similarly, if there is downward revision of applicable tax rate post submission of bid, the benefit of lower tax liability shall be passed on to HAL.
18. The qualification required for manpower deployed for running CNC machines should be Diploma (Mechanical/Production) with minimum two year of relevant experience or ITI machinist with 4 years of relevant experience. Personnel having equivalent qualifications with varying experience can be considered at the sole discretion of HAL and preference shall be given to personnel possessing Diploma. Vendor to submit all certificates wrt personnel qualification and experience. Manpower deployed by vendor will be provided with training by HAL (basic training for approx. 2 weeks), and after training, evaluation and practical test will be conducted for personnel engaged by vendor. No payment shall be made during training period. Personnel who are qualified in the test only will be eligible to operate the machine.
19. There will be marginal variation in the estimated work load against each machine.
20. Vendor shall deploy the manpower to work in HAL-ASD Campus.
21. Maintenance of machine, provisioning of consumables, cutting tools, fixtures, facilities in operational condition ,compressed air and power etc., will be provided by HAL-ASD at free of cost.
22. All the facilities for movement of materials and tools will be provided by HAL-ASD at free of cost.

Annexure-A

General Terms and Conditions:

23. All the technical inputs like drawings, sketches and process sheets will be supplied by HAL-ASD at free of cost. All the documents shall be kept in proper place without any damage and shall not be copied or taken out.
24. People deployed shall agree to work in regular shift (8 hrs. shifts i.e., 7.00 am to 3.00 pm/ 3.00 pm to 11.00 pm/ 11.00 pm to 7.00 am) as per the requirement. The requirement of position of people in different shifts will be communicated well in advance.
25. The vendor shall provide all logistics support to its manpower for the execution of the work at HAL-ASD.
26. Qualification criteria: Vendor shall provide details along with documentary evidence:
 - Previous experience of executing similar jobs (1 order of worth Rs. 50 Lakhs or more, or 2 orders worth of Rs. 25 Lakhs or more)
 - Existing staff strength (25 personnel or more)
27. The order will be for three years from the date of release. The in-sourcing period can be extended by another three years under the same terms and conditions (Repeat order will be placed if required and the same to be agreed by the firm while quoting).
28. Under normal circumstances, short-closing/termination of the Contract is not foreseen. However, in case of continued non-performance of the supplier/contractor, resulting in inordinate delays in the delivery dates in spite of repeated written requests for meeting the delivery schedule as provided in the Contract, HAL reserves the right to terminate wholly or partly the Contract, by giving a notice of not less than one month. In case of major changes in the policies of the Government of India, as a result of which the HAL is compelled to curtail its requirements wholly or partly, the HAL and the contractor/supplier shall enter into negotiations to mutually agree to terminate this contract wholly or partly. In the event of short-closing/termination of this Contract, HAL shall give a notice of not less than one month. On receipt of the notice the contractor/supplier shall take all necessary steps for winding up of the Contract in line with the notice within a reasonable period, but in any case, not exceeding three months from the date of posting the notice. The compensation to be paid to the contractor/supplier shall be agreed to by mutual negotiations. HAL shall in no circumstances be liable to pay any sum which, when added to the other sums paid, due or becoming due to the contractor/supplier under this Contract, exceeds the total P.O. amount.
29. The vendor has to provide police verification certificate for the people to be positioned for the job before deployment in HAL.
30. The persons engaged by the vendor shall also be subjected to security check by HAL Security. The management reserves the right to ask the vendor to dispense with the services of any person engaged by him, if he is reported to be of doubtful integrity/ nonperformance/ any other reasons.
31. All the Safety accessories like safety shoes, hand gloves and helmet etc, required for wearing during operation to be arranged by the firm.

General Terms and Conditions:

Annexure-A

32. The vendor shall be responsible for any loss or damage caused to HAL property due to the negligence of the personnel engaged by him. The cost of such damage as decided by the management shall be paid by the vendor or recovered from the amounts payable to the vendor.
33. HAL is not responsible for any injury/ loss of life etc. caused to his personnel deputed for work, it is the sole responsibility of vendor to supervise the job and will be responsible for the safety. Vendor shall indemnify HAL for any loss of life causality or injury to his personnel or any loss or damage to the property of HAL.
34. The contractor shall comply with all the requirements of labor laws.
35. The decision of the Shop-in-charge is final with regard to the satisfactory performance of the contract and any matter arising out of that is binding on the contractor as decided by HAL.
36. It shall be the sole responsibility of the contractor to settle the dispute if any, arising out of engagement between himself and the personnel engaged by him and the management of HAL shall not in any way be responsible, in the event, the personnel approach the competent authority, under any Act of law in the court. The entire expenses in this regard shall be borne by the contractor.
37. Vendor should pay minimum wages for respective category and vendor shall remit all the statutory payments like ESI & PF for personnel engaged and should enclose a proof of remittance of ESI & PF challan along with the bill for each personnel deputed in the work package. If vendor fail to pay payments like ESI and PF etc, HAL reserves the right to short close the P.O. without assigning any reasons.
38. Personnel engaged by the vendor shall comply with all safety and regulations: The vendor will be responsible to compensate the personnel in the event of any accident.
39. If required as per the stipulations under the contract labor (Regulation Act) Act-1970, the vendor shall obtain and furnish valid registration certificate / License issued by the Assistant Labor commission- central within 30 days of issue of acceptance letter.
40. HAL shall not be under any obligation for providing employment to any the personnel of the contractor after expiry of the Purchase order. HAL does not recognize any employee employers' relationship with any of the workers of the contractor engaged in HAL.
41. The personnel of the Contractor shall not be the employees of HAL and they shall not claim from HAL, any salary or allowances, compensation, damages or anything arising out of their deployment/duty under this Contract. The Contractor shall make them known about this position in writing before deployment under this contract.
42. The Purchase Order is terminable without any compensation to the contractor for the breach of contract for any of the terms and conditions herein contained or otherwise stipulated in the tender documents / agreement.

Annexure-A

General Terms and Conditions:

Payment Terms:

1. MSD and NC Programming department of ASD, will estimate the work content (SMH) which will be mutually agreed by vendor prior to job assignment. Payment will be made on monthly basis as per HAL's shop in-charge certification based on the completion of components and sub-assemblies. The hours considered for payment against a particular component will comprise of the set-up time, tape running time, bench works/fitting work and allowance. Payment is not based on the attendance of the personnel deployed. Monthly payable amount will be arrived as sum of hours certified by shop in-charge for all the components/sub-assemblies made during the month multiplied by man hour cost quoted by vendor.
2. 100% payment after receipt and acceptance.
Monthly payable amount will be arrived as sum of hours certified by shop in-charge for all the components/sub-assemblies made during the month multiplied by man hour cost quoted by vendor. Vendor shall submit invoices on monthly basis in two stages i.e first for 90% of completed/certified hours on completion of part and second for balance 10% of completed/certified hours after acceptance by LSB (Local Salvage Board/Customer). Accordingly separate RRs will be made for the invoices submitted and payment will be done accordingly. Any payment made for a part which is subsequently quarantined/rejected/or declared unfit to use (due to faulty workmanship of vendor) shall be recovered from the amount payable to vendor based on the shop-in-charge certification on subsequent bills.
3. The vendor has to raise the Invoice on monthly basis for the hours of works executed. The Invoice should accompany with the Job completion certificate issued/ signed by the Shop In-charge. The Invoice should contain the applicable Tax. Payment will be released within 30 Days of submission of clear invoice.
4. For claiming balance 10% for each part invoice should be submitted along with shop-in-charge certification supported by LSB reference/RE clearance/No snag certification(J-Nil).
5. Rejection Allowance: The rejection allowance of 5% shall be allowed. If the rejection (due to reasons attributable to service provider) is more than this limit, then the cost of raw material for the excess quantity of rejection will be deducted for the pending bills at the prevailing market rates.
6. Liquidation Damages: A delay of 15 days attributable to the Vendor beyond the defined timeline for any activity shall be attract LD @ 0.5% week for the delayed items with maximum of 10% of the order value.

List of Machine to be operated under the proposal (Tentative)

Sl. No	Machine Description	T0+1m	T0+4m	T0+7m	T0+10m	T0+13m	T0+16m	T0+19m onwards
		No of Shifts	No of Shifts	No of Shifts	No of Shifts	No of Shifts	No of Shifts	No of Shifts
1	Macpower (3 axis CNC M/c)	0	0	1	2	2	2	2
2	VTL (2m class), HMT	0	0	0	0	0	1	2
3	Multitasking Lathe (Emco MT45)	1	1	1	2	2	2	2
4	Cylindrical Grinding, (Studer S30-1)	1	1	1	1	2	2	2
5	Turning Centre (DMG CTX Beta2000)	1	1	1	2	2	2	2
6	Turn Mill Centre (Emco Maxturn 95)	1	1	1	2	2	2	2
7	Ona QX6, EDM	1	1	1	2	2	2	2
8	Ona QX4, EDM		1	1	2	2	2	2
9	5 Axis Machine (Hermle C400U)	1	1	1	2	2	2	2
10	5 Axis Machine (DMG MonoBlock125)	0	1	1	1	2	2	2
11	Straight Channel Milling Machine (3 axis SPM)-Precitec	0	1	1	2	2	2	2
12	CNC Jig Boring Machine, (Fehlman Picomax95)	1	1	1	2	2	2	2
13	Micro Hole Drilling EDM (Sarix 100 Pulsar)	1	1	1	2	2	2	2
14	Wire Cut EDM (Electronica 1s)	1	1	1	1	1	1	1
	Total	9	12	13	23	25	26	27
15	No. of Fitters / Helpers (Indicative)	2	4	4	8	8	8	8

CONDITIONS OF CONTRACT

PRICE

1. The bidder is required to indicate prices against individual items. Price quoted should be on F.O.R. Destination basis, for delivery at HAL Stores inclusive of all charges including transit insurance.

FIRM PRICES

2. The prices will be firm as fixed as per contract terms till execution of contract and exclude subsequent claims or price increases of any kind.

GOODS AND SERVICES TAX (GST)

3. GST, wherever leviable and intended to be claimed from HAL should be distinctly shown along with the prices quoted along with the applicable rate and HSN number/SAC (Service Accounting Code). Any additional taxes/levies imposed subsequent to order will be payable to the vendor at actual. The vendor shall provide a copy of the GST Registration certificate.

INSPECTION

4. Items shall be inspected at HAL Aerospace Division by our Inspector. The report furnished by HAL Aerospace Division's Inspector will be final and binding on the subcontractor. The final inspection and acceptance will be at HAL.

ACKNOWLEDGEMENT

5. An acknowledgement of the Sub-contract order shall be sent to HAL confirming their acceptance regarding Specification, Quantity, Price, Payment Terms and delivery schedule as indicated in the order and also terms and conditions attached to the order within 7 days of its receipt by the Sub Contractor.

DAMAGE/LOSS TO MATERIAL

6. In case where material has been supplied by HAL, subcontractor shall take due care of the raw-material /special tooling etc. supplied by HAL Aerospace Division and will indemnify HAL Aerospace Division to the full value in case of damage/loss of these materials. However, in case of special tooling, normal wear and tear while in usage will not be considered as damage.

Bank Guarantee, Indemnity Bond and Insurance policy:

7. Material shall be supplied against furnishing of following by sub-contractor:

(a) As per Sl.No. 5, 6 & 7 of Annexure-II of Purchase Order

(OR)

(b) In case if multiple orders of HAL-ASD are being executed, Indemnity Bond and Insurance Policy may be submitted covering the cost of Raw Materials of all the Purchase Orders being executed. Bank Guarantee may be submitted for the value range of raw material mentioned below.

ANNEXURE-V B

Maximum value of materials held with sub-contractor at any point of time during the year (In Rs)	Value of Bank Guarantee (Rs.)
Less than Rs 10,000	Nil
Rs 10,001 to Rs 100,000	Rs 10,000
Rs 1,00,001 to Rs 3,00,000	Rs 20,000
Rs 3,00,001 to Rs 10,00,000	Rs 30,000
Rs 10,00,001 to Rs 20,00,000	Rs 40,000
Rs 20,00,001 to Rs 50,00,000	Rs 75,000
Above Rs 50,00,001	Rs 1,00,000

REJECTION ALLOWANCE & RECOVERY

8. In case where materials are supplied by HAL, the rejection allowance and recovery etc. shall be as under:

i) The maximum permissible rejection allowance will be 5%. In case the rejection exceeds 5% HAL Aerospace Division shall recover from the subcontractor the cost of raw material rejected beyond 5% at prevailing market rate of the material supplied to the subcontractor. All rejected materials will be returned to HAL Aerospace Division by the subcontractor on F.O.R basis.

ii) Recovery of cost of rejected materials beyond mentioned at para (i) above, HAL Aerospace Division shall intimate the subcontractor the cost of rejection, and the subcontractor will pay to HAL by crossed Demand Draft within 15 days, failing which, the recovery will be effected from their other pending bills or otherwise invoking indemnity furnished by the subcontractor. In such cases, no labour charges/conversion charges will be paid to the subcontractor.

iii) Wherever inherent defects are noticed by the subcontractor in HAL's supplied materials during machining, the subcontractor shall intimate Outsourcing Dept, discontinue machining operation and intimate HAL. HAL shall compensate the subcontractor to the extent of content in terms of labour charges on the basis of certificate by HAL Inspector.

9. Deduction, on account of operations not carried out by the Sub-Contractors/ Service Providers as per Purchase Order, and carried out by HAL shall be based on the total quantum of re-work involved, the Purchase Order value and HAL estimated value.

QUALITY AND WORKMANSHIP

10. The subcontractor shall ensure that the tools/components supplied by them shall be of the highest quality and workmanship and as per the drawings & specification provided by HAL. Wherever orders are placed in accordance with particular specification/drawing requirement, it will be deemed to be an undertaking by the subcontractor that they have fully acquainted themselves with various drawings/ specifications/standards thereof.

WARRANTY

11. The Items supplied shall be free from any defects/workmanship and shall be guaranteed for Quality/satisfactory performance. Any defect because of faulty material (if not supplied by

HAL)/workmanship noticed shall be rectified by the subcontractor free of cost. In case, where full checking is initially not possible and the final inspection will be done at the time of actual production, the defects if any noticed at that time will be reported by Outsourcing Dept. immediately to the subcontractor. In case subcontractor fails to rectify within 30 days from date of notification, the cost of raw materials and other charges paid to the subcontractor will be recovered from pending bills/BG/ of the subcontractor.

DELIVERY SCHEDULE

12. The time/date of delivery of the store mentioned in the order shall be deemed to be the essence of the contract and delivery must be completed not later than the dates specified there in. Should the subcontractor fail to deliver the stores within the prescribed period, HAL shall be entitled at their option:- a) to recover from the subcontractor agreed liquidated damages & not by way of penalty, a sum of 0.5% of the value of the item not delivered in time for each week of delay or part of week subject to a maximum of 5 % or b) to cancel the order

EXTENSION OF TIME

13. If an extension is desired by the Sub Contractor, contractor shall apply for extension of time to HAL preferably 15 days prior to the date of delivery without prejudice to the rights of HAL, then HAL may grant extension of time for any cause which HAL may deem proper and the decision of HAL in this respect to be final and binding.

ISSUE OF MATERIALS

14. Raw materials are to be collected by the subcontractor from our stores and finished items delivered at our GI Stores. No extra delivery charges will be paid by HAL.

15. The materials/other items received from HAL shall be properly identified with the order no, specification and quantity .These shall be protected from misuse, loss, damages and deterioration, properly stored at suitably identified and marked place.

16. Special Tools & Gauges, if any required will be supplied on returnable basis subject to availability. If subcontractor fails to return the same along with the last supply of last accepted items the bills will not be cleared for payments.

17. All Tools/ Gages fabricated by Sub-Contractors and funded by HAL shall be returned to HAL along with Last supply/ Completion of Task.

PAYMENT TERMS

18. The standard Payment Terms are 100% payment after receipt and acceptance of finished items at HAL's works, through transfer to sub-contractors Bank Account by ECS.

APPROPRIATION

19. Whenever under this contract any sum of money is recoverable from any payable by the contractor, HAL shall be entitled to recover such sum by appropriating in part or whole by deducting any sum then due or which at any time thereafter may become due to the contractor in this or any other contract entered by HAL as a whole its Divisions and Branch Offices etc., held

ANNEXURE-V B

by him alone or in partnership with others. Should this sum be not sufficient to cover the full amount recoverable, the contractor shall pay to HAL on demand the remaining balance due.

SUB-CONTRACTING/ SUB-LETTING

20. The Sub-Contractors shall not sub-let any portion of the contracted job without prior written approval of HAL.

MATERIAL CHANGE IN INFORMATION

21. Subcontractor shall always inform any material changes in the information already declared/furnished by them at the time of registration or afterwards, within 30 days of such material change in information. Non-compliance of this is likely to result in cancellation/deletion of your registration as registered subcontractor.

CONFIDENTIALITY AGREEMENT

22. Subcontractor is given the drawings sheets for manufacture of the components required by HAL Aerospace Division. The documents issued to subcontractor are strictly confidential. Subcontractor should keep them in safe custody. The information contained in the documents should not be divulged to any other person(s) by subcontractor or copied. Subcontractor is solely responsible to prevent any possible pilferage of these documents. Any violation by subcontractor of these instructions will make subcontractor liable for penal action under section 3 and 5 of the official secrets act, 1923.

23. The drawings shall be the property of HAL and shall not be used for any other purpose other than the purpose intended for without the written permission of HAL.

PARALLEL AGREEMENT/CONTRACT

24. Nothing in this agreement/ contract precludes HAL Division from entering now or hereinafter into any agreement/contract with others for manufacturing and supply of same or similar goods.

TERMINATION OF CONTRACT

25. In the event of HAL Division being not satisfied with the performance of the subcontractor at any point of time, in terms of either quality of machining or care of our material or delivery, also in case the subcontractor indulges in malpractices, fraud, cheating etc HAL Aerospace Division shall be entitled to terminate the contract, after giving 30 days notice in writing to the subcontractor by registered post and under this condition HAL Division will not be liable to pay any compensation whatsoever to the subcontractor.

SUB-CONTRACT

26. Neither of the parties of this contract shall be entitled without the other party's consent to assign or transfer to a third party all or part of the benefits or obligations of this contract.

ARBITRATION

27. All disputes or differences whatsoever arising between the parties out of or relating to the construction meaning and operating or effect of this contract or the breach thereof shall be settled by arbitration in accordance with the rules of arbitration of the Indian Council of Arbitration and the award made in pursuance thereof shall be binding on the parties.

WORK AND PAYMENT DURING ARBITRATION

28. Work under the contract shall if reasonably possible continue by mutual agreement during the arbitration proceedings and no payment due to or payable by HAL will be withheld without reasonable cause and merely on account of the pendency of such proceedings.

JURISDICTION

29. The Court at Bangalore only shall have jurisdiction to deal with and to decide any legal matter whatsoever arising out of this contract.

FALL CLAUSE

30. The price quoted shall be in no event exceed the lowest price at which you sell the stores or offer to sell stores of identical description to any person(s) / organization including the purchases by any department of the Govt. of India, the State Govt. or any statutory undertaking of the Govt. of India / State Govt., as the case may be during the period till the completion of the performance of the order placed and during currency of the order.

If at any time during the said period, the contractor reduces the sales price, sells or offers to sell such stores to any person/organization including the purchaser or any department of Central Govt. or any Dept. of State Govt., or any statutory undertaking of the Central or State Govt., as the case may be at a price lower than the price chargeable under the contract, he shall forthwith notify such reduction/sale or offer to sale to the Hindustan Aeronautics Limited and the price payable under the contract for the stores supplied after the date of coming into force of such reduction or sale or offer to sale shall stand correspondingly reduced.

INVOLVEMENT OF ANY AGENTS AND MIDDLEMEN

31. No involvement of Agents or Middlemen in India or abroad in any capacity whatsoever is permitted at any stage in relation with this tender and the resultant contract. Subcontractor shall confirm that he has not appointed any agent in India to promote this contract and that no commission etc. is payable to any such agent in connection with this contract. Subcontractor shall also confirm that he has neither paid nor will pay any commission, fee or any such charges to any agent in connection with the award and execution of this contract. Should it be subsequently proved that such a commission, fees or charge has been paid, contrary to the foregoing, buyer shall be entitled to terminate this contract forthwith. The buyer shall also be entitled to recover from the seller an amount equal to the commission, fees or any such charge proved to have been paid.

HAL has not appointed / authorized any person / agent to deal with the subcontractors in respect of the said contract. In case, if someone claims and interacts with the subcontractors, it shall be duty of the subcontractors to bring such instances to the notice of HAL Management.

32. It is expressly understood and agreed by and between Sub Contractor & purchaser that purchaser is entering into this contract solely on its own behalf and not on behalf any other person or

ANNEXURE-V

entity. In particular, it is expressly understood and agreed that Government of India is not a party to this contract and has no liabilities, obligations or right hereunder. It is expressly understood and agreed that purchaser is an independent legal entity with power and authority to enter into contracts solely on its own behalf under the applicable laws of India and general principles contract law. Sub-Contractor expressly agreed acknowledges and understand that purchaser is not an agent, representative or delegate to the Government of India. It is further agreed and understood that Government of India is not and shall not be liable for any acts, omissions, commissions, breaches or other wrongs arising out of the contract. Accordingly, sub-contractor hereby expressly waives releases and foregoes any and all actions, including counterclaims, impleader claims or counter claims against the Government of India arising out of this contract and covenants as to any manner, claim cause or action or this whatsoever arising out of or under this contract.

Risk Purchases:

33. The Supplier will supply quality items as per approved sample and also the quantity intended by the concerned Division in full as per terms and conditions of purchase order. In case the Supplier fails to execute the order either in terms of quality or in quantity, HAL reserves the right to procure from elsewhere at the risk and cost of the Supplier and any extra expenditure incurred due to this purchase is payable by the Supplier.

QUANTITY:

34. HAL reserves the right to order quantity less than indicated in the enquiry /quoted for by bidder, at the prices quoted, without any reference to the bidder.

PURCHASE ORDER

HINDUSTAN AERONAUTICS LIMITED(B.C.)
AEROSPACE DIVISION
POST BAG NO. - 7502
NEW THIPPASANDRA POST
BANGALORE - 560075
GST NO - 29AAACH3641R1Z3



Phone : 080-22315523 / 540
Fax : 080 - 22312603
Mail : imm.aerospace@hal-india.com
Web : www.hal-india.com

VENDOR CODE : IN00674003, GSTNO- 21AABCC9406C1ZB

ORDER NO : INSP0-31

M/s.

GRAM TARANG EMPLOYABILITY TRAINING SER
FOREST PARK, PLOT NO- 17,
FOREST PARK, Khordha
BHUBANESHWAR 751009
INDIA

ORDER DATE : 10-NOV-2023

GTJT007/05.10.2023 PNC DT:26.10.2023

TOTAL ITEMS 53

CURRENCY CODE INR

Please arrange to supply the materials in the annexures as per terms and conditions attached

SI No	PART NUMBER/DESCRIPTION	QUANTITY	UNIT PRICE	EXTENDED VALUE
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ITEMS ARE AS PER THE ANNEXURES

BASIC VALUE OF THE ORDER 9841905.0

GRAND TOTAL : 9,841,905.00

Rupees Ninety-Eight Lakhs Forty-One Thousand Nine Hundred Five Point Zero Zero Only

DELIVERY REQUIRED : DELIVERY SCHEDULE WILL BE AS PER MUTUALLY DISCUSSED BASED ON HAL REQUIREMENT.

DELIVERY TERMS : F.O.R HAL AEROSPACE DIVISION

PAYMENT TERMS : 100% payment within 30 days thro' ECS against supply and acceptance of the items at HAL.

MODE OF DELIVERY : ROAD TRANSPORT

"As per record available with HAL, the bank account details of your company are as under:
Account No: 0042102000044208 IFSC Code: IBKL0000042

Bank Name: IDBI BANK Branch: BHUBANESHWAR, ODISHA


You are requested to verify the bank details above. If any changes, please notify us with supporting documents duly attested by your banker along with order Acknowledgement. HAL will not be responsible in whatsoever for vendor's failure to update bank details.

This Order is also governed by the Conditions of contract sent along with the Tender enquiry.

ATTENTION IS DRAWN TO THE FOLLOWING :

"HAL HAS NOT ENGAGED ANY AGENT/AGENTS OR THIRD PARTY/PARTIES IN THE PROCESS OF PROCUREMENT OF ANY MATERIALS FOR THE REQUIREMENT OF HAL. HAL IS ALSO NOT RESPONSIBLE FOR ANY PERSON/FIRM EXPRESSING OR PRETENDING TO EXPRESS HIMSELF/ HERSELF/ THEMSELVES TO BE AGENT OR THIRD PARTY REPRESENTING HAL IN THE PROCESS OF PROCUREMENT OF THE MATERIALS. IT IS ADVISED TO DEAL DIRECTLY WITH HAL REPRESENTATIVE WHO IS THE SIGNATORY TO THIS DOCUMENT."

Yours faithfully
FOR HINDUSTAN AERONAUTICS LIMITED


RAMAKRISHNA CHITLAPALLI DGM(OS)
DEPUTY GENERAL MANAGER(OS)
Authorized Signatory
Aerospace Division

PURCHASE ORDER

HINDUSTAN AERONAUTICS LIMITED(B.C.)
AEROSPACE DIVISION
POST BAG NO. - 7502
NEW THIPPASANDRA POST
BANGALORE - 560075(INDIA)
GST NO - 29AAACH3641R1Z3



Phone : 080-22315523 / 540
Fax : 080 - 22312603
Mail : imm.aerospace@hal-india.com
Web : www.hal-india.com

Purchase Order :INSPO-31

Vendor : GRAM TARANG EMPLOYABILITY TRAINING SERVICES (P) LTD , BHUB

OUR GST NO:29AAACH3641R1Z3

-BANK DETAILS, AS MENTIONED IN THE FIRST PAGE OF PO.

REFERENCES:-

SCOPE OF WORK- ANNEXURE I

PART DESCRIPTION/SCOPE-ANNEXURE II

GENERAL TERMS & CONDITIONS- ANNEXURE B

*USER WILL VERIFY STATUTORY PAYMENTS LIKE ESI & PF FOR PERSONNEL ENGAGED AS PER ANNEXURE, BEFORE CERTIFYING THE PAYMENT.

**IN CASE OF ANY FUTURE REQUIREMENT, REPEAT ORDER WILL BE PROPOSED WITHIN ONE YEAR FROM THE LAST SUPPLY OF THE COMPONENT.

1. THIS ORDER IS ISSUED SUBJECTED TO OUR TERMS AND CONDITIONS OF CONTRACT. WORKS TO BE CARRIED OUT AS PER ACTIVITIES INDICATED IN ANNEXURE-I
2. INVOICE IN DUPLICATE & USER CERTIFICATION TO BE SENT TO CHIEF MANAGER(OS).
3. PLEASE POST US THE ORDER ACKNOWLEDGEMENT WITHIN 7 DAYS AFTER ISSUANCE BY HAL. NON RECEIPT OF THE ORDER ACKNOWLEDGEMENT WITHIN THE PRESCRIBED PERIOD IS DEEMED AS ORDER ACCEPTANCE BY THE SUPPLIER.
4. INSPECTION WILL BE CARRIED OUT AT OUR WORKS BY OUR INSPECTOR.
5. PAYMENT TERMS: AS PER ANNEXURE
6. YOU SHOULD HAVE SECURITY CLEARANCE ISSUED BY CONNECTED POLICE AUTHORITIES AND SHOULD HAVE CLEAR POLICE VERIFICATION REPORT (PVR) AT ALL TIMES IN YOUR POSSESSION TO BE ISSUED TO AEROSPACE DIVISION, HAL BANGALORE ON SPECIFIC DEMAND.
7. PLEASE SEND YOUR BILLS /INVOICES TO: CM(OS), ASD BENGALURU-75. DULY ENCLOSING A COPY CERTIFICATION BY QC OR CERTIFIED BY CONCERNED OFFICER INCHARGE.
8. THE PAYMENTS ARE MADE THROUGH ELECTRONIC MODE i.e., ESC/NEFT/RTGS. HENCE, PLEASE FURNISH YOUR BANK DETAILS ON YOUR LETTER HEAD LIKE NAME OF THE BENEFICIARY, A/C NO., TYPE OF A/C, BANK NAME & ADDRESS, MICR NO., IFSC/RTGS CODE & ALSO ENCLOSED CANCELLED CHEQUE COPY.
9. HAL AEROSPACE DIVISION BEING ENVIRONMENTALLY FRIENDLY AREA, VEHICLES WITH VALID EMISSION TEST CERTIFICATE ONLY WILL BE ALLOWED. HENCE YOU ARE REQUESTED TO ENSURE COMPLIANCE.
10. THE VENDOR SHALL BE RESPONSIBLE FOR ANY LOSS OR DAMAGE CAUSED TO HAL PROPERTY DUE TO THE NEGLIGENCE OF THE PERSONNEL ENGAGED BY HIM. THE COST OF SUCH DAMAGE DECIDED BY THE MANAGEMENT SHALL BE PAID BY THE VENDOR OR WILL BE RECOVERED FROM THE AMOUNTS PAYABLE TO THE VENDOR.
11. THE PURCHASE ORDER IS TERMINABLE WITHOUT ANY COMPENSATION FOR BREACH BY THE CONTACTOR OF ANY OF THE TERMS AND CONDITIONS HEREIN CONTAINED OR OTHERWISE STIPULATED IN THE TENDER DOCUMENTS / AGREEMENT.

Total Order Cost : Rs.9841905/- + 18% IGST @ Rs.1771542.9/- = Rs.11613447.9/-

Vendor

PURCHASE ORDER

HINDUSTAN AERONAUTICS LIMITED(B.C.)
AEROSPACE DIVISION
POST BAG NO. - 7502
NEW THIPPASANDRA POST
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Phone : 080-22315523 / 540
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Mail : imm.aerospace@hal-india.com
Web : www.hal-india.com

VENDOR CODE : IN00674003, GSTNO- 21AABCC9406C1ZB

ORDER NO : INSPO-32

M/s.
GRAM TARANG EMPLOYABILITY TRAINING SER
FOREST PARK, PLOT NO- 17,
FOREST PARK, Khordha
BHUBANESHWAR 751009
INDIA

ORDER DATE : 28-NOV-2023

NIL

TOTAL ITEMS	6	CURRENCY CODE	INR
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Please arrange to supply the materials in the annexures as per terms and conditions attached

SI No	PART NUMBER/DESCRIPTION	QUANTITY	UNIT PRICE	EXTENDED VALUE
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ITEMS ARE AS PER THE ANNEXURES

BASIC VALUE OF THE ORDER 3005534.0

GRAND TOTAL : 3,005,534.00

Rupees Thirty Lakhs Five Thousand Five Hundred Thirty-Four Point Zero Zero Only

DELIVERY REQUIRED : DELIVERY SCHEDULE WILL BE AS PER MUTUALLY DISCUSSED BASED ON HAL REQUIREMENT.

DELIVERY TERMS : F.O.R HAL AEROSPACE DIVISION

PAYMENT TERMS : 100% payment within 30 days thro' ECS against supply and acceptance of the items at HAL.

MODE OF DELIVERY : ROAD TRANSPORT

"As per record available with HAL, the bank account details of your company are as under:

Account No: 0042102000044208

IFSC Code: IBKL0000042

Bank Name: IDBI BANK

Branch: BHUBANESHWAR, ODISHA

You are requested to verify the bank details above. If any changes, please notify us with supporting documents duly attested by your banker along with order Acknowledgement. HAL will not be responsible in whatsoever for vendor's failure to update bank details.

This Order is also governed by the Conditions of contract sent along with the Tender enquiry.

ATTENTION IS DRAWN TO THE FOLLOWING :

"HAL HAS NOT ENGAGED ANY AGENT/AGENTS OR THIRD PARTY/PARTIES IN THE PROCESS OF PROCUREMENT OF ANY MATERIALS FOR THE REQUIREMENT OF HAL. HAL IS ALSO NOT RESPONSIBLE FOR ANY PERSON/FIRM EXPRESSING OR PRETENDING TO EXPRESS HIMSELF/ HERSELF/ THEMSELVES TO BE AGENT OR THIRD PARTY REPRESENTING HAL IN THE PROCESS OF PROCUREMENT OF THE MATERIALS. IT IS ADVISED TO DEAL DIRECTLY WITH HAL REPRESENTATIVE WHO IS THE SIGNATORY TO THIS DOCUMENT."

Yours faithfully
FOR HINDUSTAN AERONAUTICS LIMITED


RAMAKRISHNA CHALLAPALLI

Authorized Signatory
Aerospace Division

PURCHASE ORDER

HINDUSTAN AERONAUTICS LIMITED(B.C.)
AEROSPACE DIVISION
POST BAG NO. - 7502
NEW THIPPASANDRA POST
BANGALORE - 560075(INDIA)
GST NO- 29AAACH3641R1Z3



Phone : 080-22315523 / 540
 Fax : 080 - 22312603
 Mail : imm.aerospace@hal-india.com
 Web : www.hal-india.com

Purchase Order : INSPO-32
BHUBANESHWAR

Vendor : GRAM TARANG EMPLOYABILITY TRAINING SERVICES (P) LTD ,

SI No	PART NO/DESCRIPTION	QUANTITY	UNIT PRICE (Rs.)	EXTENDED VALUE
1	RC-RIVET-FIX-INS-REP-E (HSN No-) RIVETS INSPECTION AND REPORT SCOPE: AS PER ANNEXURE-1.	950,000.00 NOS	1.33	1,263,500.00
2	RC--JO-MAF-COMP-FIX-INS-E (HSN No-) JOBOLTS/MAF/COMPOSI INSP & REPORT SCOPE: AS PER ANNEXURE-1.	98,000.00 NOS	1.33	130,340.00
3	RC-SB-HSHC-SCRW-FIX-INS-E (HSN No-) SHEAR BOLT/HSHC/SCREW INSP & REPORT SCOPE: AS PER ANNEXURE-1.	69,100.00 NOS	1.33	91,903.00
4	RC-DIM-INS-REP-E (HSN No-) DIMENSIONAL INSPECTION AND REPORT SCOPE: AS PER ANNEXURE-1.	25,900.00 NOS	1.33	34,447.00
5	RC-RIVET-HOLES-INS-E (HSN No-) RIVET HOLES INSPECTION AND REPORT SCOPE: AS PER ANNEXURE-1.	950,000.00 NOS	1.33	1,263,500.00
6	RC-H7-JO-HOLES-INS-E (HSN No-) H7 & JO BOLT HOLES INSP AND REPORT SCOPE: AS PER ANNEXURE-1.	166,800.00 NOS	1.33	221,844.00
BASIC TOTAL :				3005534.00
GRAND TOTAL :				3005534.00

PURCHASE ORDER

HINDUSTAN AERONAUTICS LIMITED(B.C.)
AEROSPACE DIVISION
POST BAG NO. - 7502
NEW THIPPASANDRA POST
BANGALORE - 560075(INDIA)
GST NO - 29AAACH3641R1Z3



Phone : 080-22315523 / 540
Fax : 080 - 22312603
Mail : imm.aerospace@hal-india.com
Web : www.hal-india.com

Purchase Order : INSPO-32

Vendor : GRAM TARANG EMPLOYABILITY TRAINING SERVICES (P) LTD , BHUB

OUR GST NO:29AAACH3641R1Z3

-BANK DETAILS, AS MENTIONED IN THE FIRST PAGE OF PO.

REFERENCES:-

SCOPE OF WORK- REFER ANNEXURE

GENERAL TERMS & CONDITIONS- ANNEXURE B

*USER WILL VERIFY STATUTORY PAYMENTS LIKE ESI & PF FOR PERSONNEL ENGAGED AS PER ANNEXURE, BEFORE CERTIFYING THE PAYMENT.

**IN CASE OF ANY FUTURE REQUIREMENT, REPEAT ORDER WILL BE PROPOSED WITHIN ONE YEAR FROM THE LAST SUPPLY OF THE COMPONENT.

1. THIS ORDER IS ISSUED SUBJECTED TO OUR TERMS AND CONDITIONS OF CONTRACT. WORKS TO BE CARRIED OUT AS PER ACTIVITIES INDICATED IN ANNEXURE-I
2. INVOICE IN DUPLICATE & USER CERTIFICATION TO BE SENT TO CHIEF MANAGER(OS).
3. PLEASE POST US THE ORDER ACKNOWLEDGEMENT WITHIN 7 DAYS AFTER ISSUANCE BY HAL. NON RECEIPT OF THE ORDER ACKNOWLEDGEMENT WITHIN THE PRESCRIBED PERIOD IS DEEMED AS ORDER ACCEPTANCE BY THE SUPPLIER.
4. INSPECTION WILL BE CARRIED OUT AT OUR WORKS BY OUR INSPECTOR.
5. PAYMENT TERMS: AS PER ANNEXURE
6. YOU SHOULD HAVE SECURITY CLEARANCE ISSUED BY CONNECTED POLICE AUTHORITIES AND SHOULD HAVE CLEAR POLICE VERIFICATION REPORT (PVR) AT ALL TIMES IN YOUR POSSESSION TO BE ISSUED TO AEROSPACE DIVISION, HAL BANGALORE ON SPECIFIC DEMAND.
7. PLEASE SEND YOUR BILLS /INVOICES TO CM(OS), ASD BENGALURU-75, DULY ENCLOSED A COPY CERTIFICATION BY QC OR CERTIFIED BY CONCERNED OFFICER INCHARGE.
8. THE PAYMENTS ARE MADE THROUGH ELECTRONIC MODE i.e., ESC/NEFT/RTGS. HENCE, PLEASE FURNISH YOUR BANK DETAILS ON YOUR LETTER HEAD LIKE NAME OF THE BENEFICIARY, A/C NO., TYPE OF A/C, BANK NAME & ADDRESS, MICR NO., IFSC/RTGS CODE & ALSO ENCLOSED CANCELLED CHEQUE COPY.
9. HAL AEROSPACE DIVISION BEING ENVIRONMENTALLY FRIENDLY AREA, VEHICLES WITH VALID EMISSION TEST CERTIFICATE ONLY WILL BE ALLOWED. HENCE YOU ARE REQUESTED TO ENSURE COMPLIANCE.
10. THE VENDOR SHALL BE RESPONSIBLE FOR ANY LOSS OR DAMAGE CAUSED TO HAL PROPERTY DUE TO THE NEGLIGENCE OF THE PERSONNEL ENGAGED BY HIM. THE COST OF SUCH DAMAGE DECIDED BY THE MANAGEMENT SHALL BE PAID BY THE VENDOR OR WILL BE RECOVERED FROM THE AMOUNTS PAYABLE TO THE VENDOR.
11. THE PURCHASE ORDER IS TERMINABLE WITHOUT ANY COMPENSATION FOR BREACH BY THE CONTACTOR OF ANY OF THE TERMS AND CONDITIONS HEREIN CONTAINED OR OTHERWISE STIPULATED IN THE TENDER DOCUMENTS / AGREEMENT.

Total Order Cost : Rs.3005534/- + 18% IGST @ Rs.540996.12/- = Rs.3546530.12/-

**Annexure B- GENERAL TERMS &
CONDITIONS OF TENDER**

PRICE

1. The bidder is required to indicate prices against individual items. Price quoted should be for carrying out work at HAL-Aerospace Division.

FIRM PRICES

2. The prices will be firm as fixed as per contract terms till execution of contract and exclude subsequent claims or price increases of any kind.

GOODS AND SERVICES TAX (GST)

3. GST, wherever leviable and intended to be claimed from HAL should be distinctly shown along with the prices quoted along with the applicable rate and HSN number/SAC (Service Accounting Code). Any additional taxes/levies imposed subsequent to order will be payable to the vendor at actual. The vendor shall provide a copy of the GST Registration certificate.

VALIDITY OF THE QUOTATION

4. Price quoted should be net and unless otherwise specified should remain valid for our acceptance till the end of the contract.

TENDER DUE DATE

5. The due date for submission of Technical bid is per e-tender notification. Bid to be submitted through HAL E-Procurement portal only using your class III DSC. Submission of quotation in any other mode will not be entertained (or) considered.

SUBMISSION OF TENDER

6. The bidder is required to submit bids directly through HAL E-Procurement portal.

Submission of tender in two bid system:

Subcontractor may upload any technical details related to execution of the work along with the bids.

LATE TENDER

7. a) HAL will not be responsible for inability of subcontractor to upload the tender documents in e-procurement, within the due date.
b) HAL reserves the right to reject late or incomplete tender.

OPENING OF TENDER

8. Bids will be opened on e-procurement portal on specified date in the e-tender. Bidders can view the status of tender opening on HAL e-procurement portal.

TENDER EVALUATION

- 9 a) Tenders will be evaluated on Two Bid basis, i.e Technical Bid and Price Bid.
b) During tender opening, only the technical bids will be opened in presence of those bidders' representatives, who have quoted and chosen to be present. The price bids will be opened only after technical evaluation of the 'Technical bids', by the Divisional Committee. Price bids of only those bidders, whose technical bids have been found technically acceptable will be opened with due notice to be present for the opening, if they choose to. The enquiry clearly spells out the basis on which parties offering their services will be selected and shortlisted for participating in the subsequent price competition. Price to be quoted only in the price bid sheet (Excel form). Price quoted anywhere else will render the tender liable for rejection.

PURCHASE ORDER

HINDUSTAN AERONAUTICS LIMITED(B.C.)
AEROSPACE DIVISION
POST BAG NO. - 7502
NEW THIPPASANDRA POST
BANGALORE - 560075
GST NO - 29AAACH3641R1Z3



Phone : 080-22315523 / 540
Fax : 080 - 22312603
Mail : imm.aerospace@hal-india.com
Web : www.hal-india.com

VENDOR CODE : IN00674003, GSTNO- 21AABCC9406C1ZB

ORDER NO : INSPO-39

M/s.

GRAM TARANG EMPLOYABILITY TRAINING SER
FOREST PARK, PLOT NO- 17,
FOREST PARK, Khordha
BHUBANESHWAR 751009
INDIA

Attn : SUBRAT KUMAR SWAIN

ORDER DATE : 21-MAR-2024

GTET/CNC/0287/2324, 23.11.23 PNC DT:10.02.2024 EMAIL
DT:12.02.2024

Email : SUBRATKUMAR.SWAIN@GRAMTARANG.OR
G.IN/INFO.GRAMTARANG.IN

TOTAL ITEMS 2

CURRENCY CODE INR

Please arrange to supply the materials in the annexures as per terms and conditions attached

SI No	PART NUMBER/DESCRIPTION	QUANTITY	UNIT PRICE	EXTENDED VALUE
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ITEMS ARE AS PER THE ANNEXURES

BASIC VALUE OF THE ORDER 3810434.0

GRAND TOTAL : 3,810,434.00

Rupees Thirty-Eight Lakhs Ten Thousand Four Hundred Thirty-Four Point Zero Zero Only

DELIVERY REQUIRED : DELIVERY SCHEDULE WILL BE AS PER MUTUALLY DISCUSSED BASED ON HAL REQUIREMENT.

DELIVERY TERMS : F.O.R HAL AEROSPACE DIVISION

PAYMENT TERMS : 100% WITHIN 30 DAYS AFTER RECEIPT AND ACCEPTANCE OF MATERIALS.

MODE OF DELIVERY : ROAD TRANSPORT

"As per record available with HAL, the bank account details of your company are as under:

Account No: 0042102000044208

IFSC Code: IBKL0000042

Bank Name: IDBI BANK

Branch: BHUBANESHWAR, ODISHA

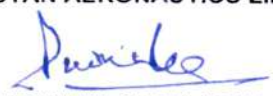
You are requested to verify the bank details above. If any changes, please notify us with supporting documents duly attested by your banker along with order Acknowledgement. HAL will not be responsible in whatsoever for vendor's failure to update bank details.

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Yours faithfully
FOR HINDUSTAN AERONAUTICS LIMITED


RAMAKRISHNA CHALLAPALLI
Authorized Signatory
Aerospace Division

PURCHASE ORDER

HINDUSTAN AERONAUTICS LIMITED(B.C.)
AEROSPACE DIVISION
POST BAG NO. - 7502
NEW THIPPASANDRA POST
BANGALORE - 560075(INDIA)
GST NO- 29AAACH3641R1Z3



Phone : 080-22315523 / 540
Fax : 080 - 22312603
Mail : imm.aerospace@hal-india.com
Web : www.hal-india.com

Purchase Order : INSP0-39
BHUBANESHWAR

Vendor : GRAM TARANG EMPLOYABILITY TRAINING SERVICES (P) LTD ,

SI No	PART NO/DESCRIPTION	QUANTITY	UNIT PRICE (Rs.)	EXTENDED VALUE
1	RC-INS-TPS-THK-MAP-REP-E (HSN No-) TPS THICKNESS MAPPING & REPORT SCOPE OF WORK: THERMAL PAINTING THICKNESS MEASUREMENT / MAPPING WITH EDDY CURRENT TESTER, RECORD IN LOG BOOK & PREPERATION OF REPORT. DETAILED SCOPE AS PER ANNEXURE-I.	70,000.00 NOS	6.73	471,184.00
2	RC-INS-VIS-DIM-REPORT-E (HSN No-) DIM. & VISUAL INSPECTION REPORT SCOPE OF WORK: VISUAL INSPECTION, DIMENSIONAL INSPECTION, RECORDING THE DIMENSIONS IN PRESCRIBED DIR FORMATS, INSPECTION REPORTS / FORMATS (ONLINE OR HARD COPY) AS PER OPERATION DRAWINGS AND FINAL COMPONENT DRAWINGS FOR THE DETAIL PARTS / SUB-ASSEMBLIES. DETAILED SCOPE AS PER ANNEXURE-I.	500,000.00 NOS	6.68	3,339,250.00
BASIC TOTAL :				3810434.00
GRAND TOTAL :				3810434.00

PURCHASE ORDER

HINDUSTAN AERONAUTICS LIMITED(B.C.)
AEROSPACE DIVISION
POST BAG NO. - 7502
NEW THIPPASANDRA POST
BANGALORE - 560075(INDIA)
GST NO - 29AAACH3641R1Z3



Phone : 080-22315523 / 540
Fax : 080 - 22312603
Mail : imm.aerospace@hal-india.com
Web : www.hal-india.com

Purchase Order : INSP0-39

Vendor : GRAM TARANG EMPLOYABILITY TRAINING SERVICES (P) LTD , BHUB

OUR GST NO:29AAACH3641R1Z3

-BANK DETAILS, AS MENTIONED IN THE FIRST PAGE OF PO.

REFERENCES:-

SCOPE OF WORK- REFER ANNEXURE

GENERAL TERMS & CONDITIONS- ANNEXURE B

*USER WILL VERIFY STATUTORY PAYMENTS LIKE ESI & PF FOR PERSONNEL ENGAGED AS PER ANNEXURE, BEFORE CERTIFYING THE PAYMENT.

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1. THIS ORDER IS ISSUED SUBJECTED TO OUR TERMS AND CONDITIONS OF CONTRACT. WORKS TO BE CARRIED OUT AS PER ACTIVITIES INDICATED IN ANNEXURE-I
2. INVOICE IN DUPLICATE & USER CERTIFICATION TO BE SENT TO CHIEF MANAGER(OS).
3. PLEASE POST US THE ORDER ACKNOWLEDGEMENT WITHIN 7 DAYS AFTER ISSUANCE BY HAL, NON RECEIPT OF THE ORDER ACKNOWLEDGEMENT WITHIN THE PRESCRIBED PERIOD IS DEEMED AS ORDER ACCEPTANCE BY THE SUPPLIER.
4. INSPECTION WILL BE CARRIED OUT AT OUR WORKS BY OUR INSPECTOR.
5. PAYMENT TERMS: AS PER ANNEXURE
6. YOU SHOULD HAVE SECURITY CLEARANCE ISSUED BY CONNECTED POLICE AUTHORITIES AND SHOULD HAVE CLEAR POLICE VERIFICATION REPORT (PVR) AT ALL TIMES IN YOUR POSSESSION TO BE ISSUED TO AEROSPACE DIVISION, HAL BANGALORE ON SPECIFIC DEMAND.
7. PLEASE SEND YOUR BILLS /INVOICES TO CM(OS), ASD BENGALURU-75, DULY ENCLOSING A COPY CERTIFICATION BY QC OR CERTIFIED BY CONCERNED OFFICER INCHARGE.
8. THE PAYMENTS ARE MADE THROUGH ELECTRONIC MODE i.e., ESC/NEFT/RTGS. HENCE, PLEASE FURNISH YOUR BANK DETAILS ON YOUR LETTER HEAD LIKE NAME OF THE BENEFICIARY, A/C NO., TYPE OF A/C, BANK NAME & ADDRESS, MICR NO., IFSC/RTGS CODE & ALSO ENCLOSED CANCELLED CHEQUE COPY.
9. HAL AEROSPACE DIVISION BEING ENVIRONMENTALLY FRIENDLY AREA, VEHICLES WITH VALID EMISSION TEST CERTIFICATE ONLY WILL BE ALLOWED. HENCE YOU ARE REQUESTED TO ENSURE COMPLIANCE.
10. THE VENDOR SHALL BE RESPONSIBLE FOR ANY LOSS OR DAMAGE CAUSED TO HAL PROPERTY DUE TO THE NEGLIGENCE OF THE PERSONNEL ENGAGED BY HIM. THE COST OF SUCH DAMAGE DECIDED BY THE MANAGEMENT SHALL BE PAID BY THE VENDOR OR WILL BE RECOVERED FROM THE AMOUNTS PAYABLE TO THE VENDOR.
11. THE PURCHASE ORDER IS TERMINABLE WITHOUT ANY COMPENSATION FOR BREACH BY THE CONTACTOR OF ANY OF THE TERMS AND CONDITIONS HEREIN CONTAINED OR OTHERWISE STIPULATED IN THE TENDER DOCUMENTS / AGREEMENT.

Total Order Cost : Rs.3810434/- + 18% GST @ Rs.685878.12/- = Rs.4496312.12/-

Vendor

PURCHASE ORDER

HINDUSTAN AERONAUTICS LIMITED(B.C.)
AEROSPACE DIVISION
POST BAG NO. - 7502
NEW THIPPASANDRA POST
BANGALORE - 560075
GST NO - 29AAACH3641R1Z3



Phone : 080-22315523 / 540
Fax : 080 - 22312603
Mail : imm.aerospace@hal-india.com
Web : www.hal-india.com

VENDOR CODE : IN00674003, GSTNO- 21AABCC9406C1ZB

ORDER NO : INSPO-40

M/s.
GRAM TARANG EMPLOYABILITY TRAINING SER
FOREST PARK, PLOT NO- 17,
FOREST PARK, Khordha
BHUBANESHWAR 751009
INDIA
Attn: SUBRAT KUMAR SWAIN

ORDER DATE : 10-APR-2024

GTET/CNC/QIn/153/23-24, EMAIL DT:14.03.2024

Email : SUBRATKUMAR.SWAIN@GRAMTARANG.OR
G.IN/INFO.GRAMTARANG.IN

TOTAL ITEMS | 4

CURRENCY CODE | INR

Please arrange to supply the materials in the annexures as per terms and conditions attached

SI No	PART NUMBER/DESCRIPTION	QUANTITY	UNIT PRICE	EXTENDED VALUE
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ITEMS ARE AS PER THE ANNEXURES

BASIC VALUE OF THE ORDER

739469.0

GRAND TOTAL :

739,469.00

Rupees Seven Lakhs Thirty-Nine Thousand Four Hundred Sixty-Nine Point Zero Zero Only

DELIVERY REQUIRED: DELIVERY SCHEDULE WILL BE AS PER MUTUALLY DISCUSSED BASED ON HAL REQUIREMENT.

DELIVERY TERMS : F.O.R HAL AEROSPACE DIVISION

PAYMENT TERMS : 100% WITHIN 30 DAYS AFTER RECEIPT AND ACCEPTANCE OF MATERIALS.

MODE OF DELIVERY : ROAD TRANSPORT

"As per record available with HAL, the bank account details of your company are as under:
Account No: 0042102000044208 IFSC Code: IBKL00000042

Bank Name: IDBI BANK

Branch: BHUBANESHWAR, ODISHA

You are requested to verify the bank details above. If any changes, please notify us with supporting documents duly attested by your banker along with order Acknowledgement. HAL will not be responsible in whatsoever for vendor's failure to update bank details.

This Order is also governed by the Conditions of contract sent along with the Tender enquiry.

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Yours faithfully
FOR HINDUSTAN AERONAUTICS LIMITED

RAMAKRISHNA CHALLAPALLI
Authorized Signatory
Aerospace Division

PURCHASE ORDER

HINDUSTAN AERONAUTICS LIMITED(B.C.)
AEROSPACE DIVISION
POST BAG NO. - 7502
NEW THIPPASANDRA POST
BANGALORE - 560075(INDIA)
GST NO- 29AAACH3641R1Z3



Phone : 080-22315523 / 540
Fax : 080 - 22312603
Mail : imm.aerospace@hal-india.com
Web : www.hal-india.com

Purchase Order : INSP0-40
BHUBANESHWAR

Vendor : GRAM TARANG EMPLOYABILITY TRAINING SERVICES (P) LTD ,

SI No	PART NO/DESCRIPTION	QUANTITY	UNIT PRICE (Rs.)	EXTENDED VALUE
1	RC-INS-GROUP-CCNC-RING-E (HSN No-) INS- LIGHT MILL,TURN & DRILL SCOPE OF WORK: CNC MACHINING FOR GROUP-C, REFER ANNEXURE-1 FOR DETAILED SCOPE OF WORK.	3.00 NOS	47,497.00	142,491.00
2	RC-INS-GROUP-ECNC-RING-E (HSN No-) INS- 2-3MTR,TURN & DRILL SCOPE OF WORK: CNC MACHINING FOR GROUP-E, REFER ANNEXURE-1 FOR DETAILED SCOPE OF WORK.	2.00 NOS	37,319.00	74,638.00
3	RC-INS-GROUP-GCNC-RING-E (HSN No-) INS- MEDIUM MILL &,TURN SCOPE OF WORK: CNC MACHINING FOR GROUP-G, REFER ANNEXURE-1 FOR DETAILED SCOPE OF WORK.	4.00 NOS	65,290.00	261,160.00
4	RC-INS-GROUP-HGCNC-RING-E (HSN No-) INS- TURN & DRILL SCOPE OF WORK: CNC MACHINING FOR GROUP-H, REFER ANNEXURE-1 FOR DETAILED SCOPE OF WORK.	4.00 NOS	65,295.00	261,180.00
BASIC TOTAL :				739469.00
GRAND TOTAL :				739469.00

PURCHASE ORDER

HINDUSTAN AERONAUTICS LIMITED(B.C.)
AEROSPACE DIVISION

POST BAG NO. - 7502

NEW THIPPASANDRA POST

BANGALORE - 560075(INDIA)

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Phone : 080-22315523 / 540
Fax : 080 - 22312603
Mail : imm.aerospace@hal-india.com
Web : www.hal-india.com

Purchase Order : INSP0-40

Vendor : GRAM TARANG EMPLOYABILITY TRAINING SERVICES (P) LTD , BHUB

OUR GST NO:29AAACH3641R1Z3

-BANK DETAILS, AS MENTIONED IN THE FIRST PAGE OF PO.

REFERENCES:-

SCOPE OF WORK- REFER ANNEXURE

GENERAL TERMS & CONDITIONS- ANNEXURE B

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2. INVOICE IN DUPLICATE & USER CERTIFICATION TO BE SENT TO CHIEF MANAGER(OS).
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5. PAYMENT TERMS: AS PER ANNEXURE
6. YOU SHOULD HAVE SECURITY CLEARANCE ISSUED BY CONNECTED POLICE AUTHORITIES AND SHOULD HAVE CLEAR POLICE VERIFICATION REPORT (PVR) AT ALL TIMES IN YOUR POSSESSION TO BE ISSUED TO AEROSPACE DIVISION, HAL BANGALORE ON SPECIFIC DEMAND.
7. PLEASE SEND YOUR BILLS /INVOICES TO CM(OS), ASD BENGALURU-75. DULY ENCLOSING A COPY CERTIFICATION BY QC OR CERTIFIED BY CONCERNED OFFICER INCHARGE.
8. THE PAYMENTS ARE MADE THROUGH ELECTRONIC MODE i.e., ESC/NEFT/RTGS. HENCE, PLEASE FURNISH YOUR BANK DETAILS ON YOUR LETTER HEAD LIKE NAME OF THE BENEFICIARY, A/C NO., TYPE OF A/C, BANK NAME & ADDRESS, MICR NO., IFSC/RTGS CODE & ALSO ENCLOSED CANCELLED CHEQUE COPY.
9. HAL AEROSPACE DIVISION BEING ENVIRONMENTALLY FRIENDLY AREA, VEHICLES WITH VALID EMISSION TEST CERTIFICATE ONLY WILL BE ALLOWED. HENCE YOU ARE REQUESTED TO ENSURE COMPLIANCE.
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11. THE PURCHASE ORDER IS TERMINABLE WITHOUT ANY COMPENSATION FOR BREACH BY THE CONTACTOR OF ANY OF THE TERMS AND CONDITIONS HEREIN CONTAINED OR OTHERWISE STIPULATED IN THE TENDER DOCUMENTS / AGREEMENT.

Total Order Cost : Rs.739469/- + 18% GST @ Rs.133104.42/- = Rs.872573.42/-

Scope of Work(Insourcing of CNC activities)

1. To machine detail parts on 3 Nos of 4 axes CNC Machines (Make: M/s. UMARO, M/s. STROJIMPORT & M/s. MARIO CARNAGHI) at PPT area of Aerospace Division. All the three machines are of Siemens Control and program will be supplied by the Division. These machines are capable of machining Aluminium alloys, steel & Titanium alloys. Firms are required to depute qualified operators for running these machines on a minimum two shift basis. Whenever urgency arises the machines will be required to run in three shifts. Machines, cutting tools, clamping elements, CNC programs, CNC setup sheets, maintenance of the machine, Coolant, consumables will be provided by the Division.

2. The List of parts to be machined.

SL NO.	PART GROUP	DRG NO.	DRG NAME	OPERATIONS	Qty
1	A	GY-FM-VS-FB-CM-IS-00-01-00-001	CM APEX RING	HEAVY MILLING AND TURNING	1
2		GY-FM-VS-FB-CM-IS-00-01-00-002	CM APEX BASE RING		1
3		GY-FM-VS-FB-CM-IS-00-01-00-003	CM FORWARD CONE		1
4		GY-FM-VS-FB-CM-IS-00-01-00-004	CM AFT CONE		1
5		GY-FM-VS-FB-CM-IS-00-01-00-005	CM AVIONICS BAY RING		1
6		GY-FM-VS-FB-CM-IS-00-01-00-006	CM AVIONICS BAY DOME		1
7		GY-FM-VS-FB-CM-STR-01-01-01-001	CM SHOULDER RING		1
8		GY-FM-VS-FB-CM-STR-01-01-02-001	CM CENTRAL DOME		1
9		G3314-05-2010600-001	AFT END RING		1
10		G3411-05-1010500-001	AFT END RING		1
11		G3421-05-0010631-001	BOTTOM CONE AE RING		1
12		G3621-05-0011300-001	AE RING		1
13		G3262-05-S01-0410-002	FORE END RING		1
14		GY-FM-VS-FB-CM01-STR-01-01-01-001	SCM APEX RING		1
15		GY-FM-VS-FB-CM01-STR-01-01-01-002	SCM APEX BASE RING		1
16	B	G3411-05-1010600-001	FORE END RING	TURNING AND DRILLING	1
17		G3411-05-1010600-002	AFT END RING		1
18		G3411-05-7010000-001	AFT END RING		1
19		G3411-05-7010000-002	FORE END RING		1
20		G3611-05-0010700-001	FORE END RING		1
21		G3611-05-0010700-002	AFT END RING		1

22		G3611-05-0010700-003	BULK HEAD -I		1
23		G3611-05-0010700-004	BULK HEAD -II		1
24		G3411-05-7010000-003	BULK HEAD SEGMENT		1
25		G3411-05-7010000-007	HC SUPPORT RING		1
26		G3411-05-1010700-001	FE RING		1
27		G3411-05-1010700-002	AE RING		1
28		G3011-05-0010800-001	FORE END RING SEGMENT		1
29		G3011-05-0010800-002	AE END RING SEGMENT		1
30		G3314-05-2066510-002	SPLIT RING		1
31		G3631-05-6010100-001	AE RING		1
32		G3314-05-2010600-002	DUMMY RING (FE SØE)		1
33		G3611-05-0011300-002	FE RING		1
34		G3411-05-1010500-003	FORE END RING		1
35		G3262-05-S01-0200-001	FORE END RING		1
36		G3262-05-S010510-007	MIDDLE RING - FE		1
37		G3262-05-S010520-001	MIDDLE RING - AE		1
38		G3262-05-S010520-002	SCTB RING		1
39		MSP-8510	FORE END RING SEG-1,2,3,& 4		1
40		G3611-05-6010000-001	AE RING		1
41		G3611-05-6010000-006	BULK HEAD-4		1
42		G3901-05-8010-100-004	NOSE CONE FE RING (OGIVE)		1
43		G3411-05-1010500-004	BULK HEAD SEGMENT		1
44		G3262-05-S01-0410-001	AE RING		1
45	C	G3411-05-1010700-003	BULK HEAD -1	LIGHT MILLING, TURNING AND DRILLING	1
46		G3411-05-1010700-004	BULK HEAD -2		1
47		G3411-05-1010700-005	BULK HEAD -3		1
48		G3314-05-2010300-009	(GM3M-017) DUMMY RING (AE)		1
49		G3314-05-2010300-014	(GM3M-018) DUMMY RING (FE)		1
50		G3621-05-0011300-003	BULK HEAD		1
51		G3421-05-0010631-101	BOTTOM CONE FE RING		1
52		G3421-05-0010632-001	TOP CONE AE RING		1
53		G3314-05-2010400-050	FE RING		1
54		GM3.M-021	DUMMY RING		1

55		G3262-05-S01-0200-002	AFT END RING		1
					1
56	D	G3861-05-8010-100-001	BOAT TAIL AE RING	MEDIUM MILLING,	1
57		G3861-05-8010-100-002	BOAT TAIL FE RING		1
58		G3901-05-8010-100-003	OGIVE NOSE CONE AE RING	TURNING AND DRILLING	1
59		G3631-05-6010100-002	FE RING		1
60		G3631-05-6010100-007	BULK HEAD-1		1
61		G3631-05-6010100-008	BULK HEAD-2		1
62		G3631-05-6010100-009	BULK HEAD-3		1
63		G3631-05-6010100-010	BULK HEAD-4		1
64		MSP-1123 (3 LH Seg. + 3 RH Seg.)	SECTOR BULK HEAD -III LH & RH		1
65		G3262-05-S01-0410-003	TRANSITION RING		1
66		G3262-05-S010520-003	AFT END RING		1
67		G3344-05-201-0300-002	BULK HEAD-1A		1
68		G3344-05-201-0300-003	BULK HEAD-2A		1
69		G3344-05-201-0300-009	BULK HEAD-1B		1
70		G3344-05-201-0300-010	BULK HEAD-2B		1
71		G3611-05-6010000-002	FE RING		1
72		G3611-05-6010000-007	BULK HEAD-5		1
73		G3611-05-6010000-033	BULK HEAD-6		1
74		G3611-05-6010000-059	BULK HEAD-1A		1
75		G3611-05-6010000-060	BULK HEAD-2A		1
76		G3611-05-6010000-061	BULK HEAD-3A		1
77		G3411-05-1010500-002	TRANSITION RING		1
78		GM3.M-142	DUMMY RING - SITS		1
					1
79	E	G3421-05-0010631-003	BULK HEAD	2-3 METER CLASS RINGS INVOLVED TURNING AND DRILLING	1
80		G3901-05-8010-110-002	NOSE CAP RING (OGIVE)		1
81		G3901-05-8010-110-003	SPLIT RING P+ (OGIVE)		1
82		G3901-05-8010-210-001	SPLIT RING P- (OGIVE)		1
83		G3461-05-1061650-102 (MSP1904)	COWLING RING SEGMENT - LH		1
84		G3411-05-1011201-001	AE RING SEGMENT-1 (COWLING)		1
85		G3411-05-1011201-002	TRANSITION RING SEGMENT - 2A		1

86		G3411-05-1011202-001	TRANSITION RING SEGMENT - 2B		1
87		G3411-05-1011203-002	FE RING SEGMENT (SHROUD)		1
88		G3411-05-1011204-001	TRANSITION RING SEGMENT -1A		1
89		G3411-05-1011204-002	TRANSITION RING SEGMENT -1B		1
90		G3262-05-S01-0200-003	BULK HEAD RING		1
91		G3262-05-S01-0410-004	BULK HEAD		1
92		G3421-05-0010632-002	TOP CONE FE RING		1
93		G3-314-05-2010120-001	FORE END RING		1
94		G3-314-05-2010130-001	AFT END RING		1
95		G3-314-05-2010130-002	THRUST FRAME RING		1
96		G3344-05-201-0130-001	AFT END RING		1
97		G3344-05-201-0130-002	THRUST FRAME RING		1
98	F	GY-G3334-05-2010130-001	AE RING	TANKAGES HEAVY MILLING, TURNING AND DRILLING	1
99		GY-G3334-05-2010130-002	THRUST FRAME RING		1
100		G3262-05-S010130-003	FORE END RING		1
101		GM3.M-143	DUMMY RING - SPBS		1
102		G3344-05-201-0300-007	DUMMY RING 1		1
103		G3344-05-201-0300-013	DUMMY RING 2		1
104		G3-314-05-2010220-001	FORE END RING		1
105		G3-314-05-2010230-001	AFT END RING		1
106		G3344-05-201-0230-001	AFT END RING		1
107	G	G3344-05-201-0220-001	FORE END RING	MEDIUM MILLING AND TURNING	1
108		GY-G3334-05-2010220-001	FORE END RING		1
109		GY-G3334-05-2010230-001	AFT END RING		1
110		G3344-05-201-0120-001	FORE END RING		1
111		GY-G3334-05-2010120-001	FORE END RING		1
112		MSP:7716	AFT END RING		1
113		MSP:7715	FORE END RING		1
114	H	MSP:7717	FORE END RING	TURNING AND DRILLING	1
115		MSP:7718	AFT END RING		1
116		G3262-05-S01-0330-001	END RING		2
117		G3262-05-S010140-002	AFT END RING		1

The entire activities to be carried out are as follows.

- 3 Collection of all the necessary documents and templates from Programme Engineering Department.
- 4 Cleaning of machine bed for loading raw material and preparing the clamping elements for carrying out the machining operation.
- 5 Loading of Raw Material to the Machines as per document.
- 6 Fixing the datum for the part as per the NC set up sheet.
- 7 Establishing tool offsets as per the NC set sheet.
- 8 Loading and unloading of cutting tools to machine as per the NC set up sheet.
- 9 Collection and return of cutting tools from tool crib as per the existing practice
- 10 Carrying out various set ups as per NC set up sheet.
- 11 Loading and unloading the part as per operation sketch.
- 12 Clamping and unclamping of job as per the operation sketch.
- 13 General up keeping of the machine.
- 14 Minimum one exclusive helper shall be engaged for removal of chips from the working zone & deposition of chips in the designation bins in all shifts being operated by vendor.
- 15 In process measurement of dimensions. Measurement to be carried out only with calibrated instruments supplied by HAL.
- 16 Recording of daily status and recording of dimensions in log book.
- 17 Liaisoning with CNC programming department for program verification.
- 18 The firm has to provide exclusively one fitter to carryout stage deburring, filing and Final deburring & vibro operations. Firm has to ensure no loss of machine hours for want of stage deburring and final deburring is taken up immediately after finish machining.
- 19 Cleaning the part after all operations.
- 20 The firm has to co-ordinate for movement of the completed parts along with documents to NCQ(inspection)
- 21 The indicated parts are all rings made from ring forging generally. The firm to machine as per the program supplied by Division. Quoted price against each line item is considered for machining of one ring forging.
- 22 Obtain certificate of acceptance from NCQ and submitting the same along with invoice to shop In-charge.
- 23 The quantity mentioned against each line item may vary for machining; however the total amount of work will not cross the total order value.
- 24 Each line item is group of similar kind of parts based on the similarity of operations involved. Each component in the group approximately has same manufacturing hours. Firms are required to quote unit price for each line item.
- 25 HAL-ASD will have flexibility to load components based on the priority within the group.

- 26 Raw materials size at the time of issuing may vary based on availability at HAL-ASD. Vendors need to execute the P.O. without any additional cost.

General Points

- 1 Up keeping of machine & general surrounding of machines.
- 2 Maintaining traceability of parts, in entire manufacturing cycle.
- 3 Recording start & finish time job for each operation and filling the check list during operation.
- 4 Firm shall ensure completion of extra material trimming, filing and burr free surface before offering to QC for inspection.
- 5 Effective supervision shall be ensured by the vendor with qualified supervisor who has to ensure proper supervision during operation of critical processes. Supervisor (over and above machine operators/ helpers) is for effective execution of order in operating shifts.
- 6 Manpower deployed by the vendor should ensure tool pre-setting, assist operators for component loading, inter machine movement, top up of coolant etc.
- 7 All the components are to be de-burred after fabrication within one week and to be offered to inspection.
- 8 Vendor has to complete the assigned job within the stipulated time. A delay of 15 days attributable to the vendor beyond the defined timeline for any activity shall be considered as a failure to meet the Production requirement and same will be viewed as seriously.
- 9 The qualification required for manpower deployed for running CNC machines should be Diploma (Mechanical/Production) with minimum two year of relevant experience or ITI machinist with 4 years Of relevant experience. Personnel having equivalent qualifications with varying experience can be considered at the sole discretion of HAL and preference shall be given to personnel possessing Diploma. Vendor to submit all certificates wrt personnel qualification and experience. Manpower deployed by vendor will be provided with training by HAL (basic training for approx. 2 weeks), and after training, evaluation and practical test will be conducted for personnel engaged by vendor. No payment shall be made during training period. Personnel who are qualified in the test only will be eligible to operate the machine.
- 10 Vendor shall deploy the manpower to work in HAL-ASD Campus.
- 11 All the facilities for movement of materials and tools will be provided by HAL-ASD at free of cost.
- 12 Acceptance of each part will be by HAL QC.
- 13 Quote to be submitted for each line items and the same to be firm and fixed.
- 14 Work package is for one year requirement.
- 15 Training shall be provided by HAL and after training evaluation, practical test will be conducted for personnel engaged by firm. Personnel who are qualified in the test only will be eligible to operate machine.
- 16 Safety accessories required for wearing during operation to be arranged by the firm.

- 17 Priority and quantity of parts to be machines shall be fixed in consultation with CNC shop in-charge.

Terms and Conditions

- 1 All the technical inputs like drawings, sketches and process sheets will be supplied by HAL-ASD at free of cost. All the documents shall be kept in proper place without any damage and shall not be copied or taken out.
- 2 The vendor shall provide all logistics support to its manpower for the execution of the work at HAL-ASD.
- 3 The entire activities to be carried out are as per the instruction of CNC Shop Supervisors.
- 4 Sufficient man power shall be engaged by the vendor for these activities.
- 5 Effective supervision shall be ensured by the vendor with qualified supervisor during operation of critical processes.
- 6 Separate logbook to be maintained by the vendor to record all the details of operations/activities carried out on each day.
- 7 It is the responsibility of the firm to assign the sufficient manpower under each category to meet the functional and production requirements. The details of man powers along with their qualification and experience (fitter/Operator, and supervisors etc.) to be provided while submitting the quotation.
- 8 Quotation will be evaluated on totality basis. Vendor has to quote unit price group wise i.e. price of each item in the group to be same.
- 9 The Order will be valid till completion of contract value.
- 10 In case there is an upward revision in the applicable rate of tax (GST) post submission of bid, the contractor shall submit a copy of the relevant statute/notification evidencing change of applicable rates for claiming payment from HAL as per revised GST rates. Similarly if there is downward revision of applicable tax rate post submission of bid, the benefit of lower tax liability shall be passed on to HAL.
- 11 Vendor shall deploy the manpower to work in HAL-ASD Campus.
- 12 All the detail parts, tools & fixtures, facilities in operational condition and Consumables like grease, cotton waste, cleaner, compressed air and power etc., will be provided by HAL-ASD at free of cost.
- 13 All the facilities for movement of materials and tools will be provided by HAL-ASD at free of cost.
- 14 All the technical inputs like drawings, sketches and process sheets will be supplied by HAL-ASD at free of cost. All the documents shall be kept in proper place without any damage and shall not be copied or taken out.
- 15 People deployed shall agree to work in regular shift (8 hrs. shifts i.e., 7.00 am to 3pm / 3pm to 11.00 pm/ 11.00 pm to 7.00 am) as per the requirement.
- 16 The vendor shall provide all logistics support to its manpower for the execution of the work at HAL-ASD.
- 17 The vendor has to provide police verification certificate for the people to be positioned for the job before deployment in HAL.
- 18 The persons engaged by the vendor shall also be subjected to security check by HAL Security. The management reserves the right to ask the vendor to dispense with the

- services of any person engaged by him, if he is reported to be of doubtful integrity/ non performance/ any other reasons.
- 19 All the Safety accessories like safety shoes, hand gloves and helmet etc, required for wearing during operation to be arranged by the firm.
 - 20 The vendor shall be responsible for any loss or damage caused to HAL property due to the negligence of the personnel engaged by him. The cost of such damage as decided by the management shall be paid by the vendor or recovered from the amounts payable to the vendor.
 - 21 HAL is not responsible for any injury/ loss of life etc. caused to his personnel deputed for work; it is the sole responsibility of vendor to supervise the job and will be responsible for the safety. Vendor shall indemnify HAL for any loss of life causality or injury to his personnel or any loss or damage to the property of HAL.
 - 22 The contractors shall oversee the effective working of the personnel provided by him.
 - 23 The contractor shall comply with all the requirements of labor laws.
 - 24 The decision of the Officer-in-charge is final with regard to the satisfactory performance of the contract and any matter arising out of that is binding on the contractor as decided by HAL.
 - 25 It shall be the sole responsibility of the contractor to settle the dispute if any, arising out of engagement between himself and the personnel engaged by him and the management of HAL shall not in any way be responsible, in the event, the personnel approach the competent authority, under any Act of law in the court. The entire expenses in this regard shall be borne by the contractor.
 - 26 Vendor should pay minimum wages for respective category and vendor shall remit all the statutory payments like ESI & PF for personnel engaged and should enclose a proof of remittance of ESI & PF challan along with the bill for each personnel deputed in the work package. If vendor fail to pay payments like ESI and PF etc, HAL reserves the right to short close the P.O. without assigning any reasons.
 - 27 Personnel engaged by the vendor shall comply with all safety and regulations. The vendor will be responsible to compensate the personnel in the event of any accident.
 - 28 If required as per the stipulations under the contract labor (Regulation Act) Act-1970, the vendor shall obtain and furnish valid registration certificate / License issued by the Assistant Labor commission- central within 30 days of issue of acceptance letter.
 - 29 HAL shall not be under any obligation for providing employment to any the personnel of the contractor after expiry of the Purchase order. HAL does not recognize any employee employers' relationship with any of the workers of the contractor engaged in HAL.
 - 30 The personnel of the Contractor shall not be the employees of HAL and they shall not claim from HAL, any salary or allowances, compensation, damages or anything arising out of their deployment/duty under this Contract. The Contractor shall make them known about this position in writing before deployment under this contract.
 - 31 The Purchase Order is terminable without any compensation to the contractor for the breach of contract for any of the terms and conditions herein contained or otherwise stipulated in the tender documents / agreement.

Payment Terms:

- 1 100% of payment after successful clearance of parts from NCQ.
- 2 The Invoice should contain the applicable Tax. Payment will be released within 30 Days of submission of clear invoice, certified by officer-in charge.



ANNEXURE-4

CONDITIONS OF CONTRACT

FIRM PRICES

1. The prices will be firm as fixed as per contract terms till execution of contract and exclude subsequent claims or price increases of any kind.

GOODS AND SERVICES TAX (GST)

2. GST, wherever leviable and intended to be claimed from HAL should be distinctly shown along with the prices quoted along with the applicable rate and HSN number/SAC (Service Accounting Code). Any additional taxes/levies imposed subsequent to order will be payable to the vendor at actual. The vendor shall provide a copy of the GST Registration certificate.

Filing of GST against each invoice is mandatory. Non filing and not appearing of GST in GSTR-2A will lead to recovery of the amount of GST paid from your subsequent bills. Kindly ensure the timely filing of GST for the bills submitted to HAL-ASD.

INSPECTION

3. Items shall be inspected at HAL Aerospace Division by our Inspector. The report furnished by HAL Aerospace Division's Inspector will be final and binding on the subcontractor. The final inspection and acceptance will be at HAL.

ACKNOWLEDGEMENT

4. An acknowledgement of the Sub-contract order shall be sent to HAL confirming their acceptance regarding Specification, Quantity, Price, Payment Terms and delivery schedule as indicated in the order and also terms and conditions attached to the order within 7 days of its receipt by the Sub-Contractor. Non-receipt of order acknowledgement within prescribed period is deemed acceptance by the supplier.

DAMAGE / LOSS TO MATERIAL

5. In case where material has been supplied by HAL, subcontractor shall take due care of the raw-material /special tooling etc. supplied by HAL Aerospace Division and will indemnify HAL Aerospace Division to the full value in case of damage/loss of these materials. However, in case of special tooling, normal wear and tear while in usage will not be considered as damage.

REJECTION ALLOWANCE & RECOVERY

6. In case where materials are supplied by HAL, the rejection allowance and recovery etc. shall be asunder:

- i) The maximum permissible rejection allowance will be 5%. In case the rejection exceeds 5% HAL Aerospace Division shall recover from the subcontractor the cost of raw material rejected beyond 5% at prevailing market rate of the material supplied to the subcontractor.
- ii) Recovery of cost of rejected materials beyond mentioned at para(i) above, HAL Aerospace Division shall intimate the subcontractor the cost of rejection, and the subcontractor will pay to HAL by crossed Demand Draft within 15 days, failing which, the recovery will be effected from their other

ANNEXURE-4

pending bills or otherwise invoking indemnity furnished by the subcontractor. In such cases, no labour charges/conversion charges will be paid to the subcontractor.

iii) Wherever inherent defects are noticed by the subcontractor in HAL's supplied materials during machining, the subcontractor shall intimate Shop in-charge. HAL shall compensate the subcontractor to the extent of content in terms of labour charges on the basis of certificate by HAL Inspector.

7. Deduction, on account of operations not carried out by the Sub-Contractors/ Service Providers as per Purchase Order, and carried out by HAL shall be based on the total quantum of re-work involved, the Purchase Order value and HAL estimated value.

QUALITY AND WORKMANSHIP

8. The subcontractor shall ensure that the tools/components supplied by them shall be of the highest quality and workmanship and as per the drawings & specification provided by HAL. Wherever orders are placed in accordance with particular specification/drawing requirement, it will be deemed to be an undertaking by the subcontractor that they have fully acquainted themselves with various drawings/ specifications/standards thereof.

WARRANTY

9. The Items supplied shall be free from any defects/workmanship and shall be guaranteed for Quality /satisfactory performance. Any defect because of faulty material (if not supplied by HAL) / workmanship noticed shall be rectified by the subcontractor free of cost. In case, where full checking is initially not possible and the final inspection will be done at the time of actual production, the defects if any noticed at that time will be reported by Outsourcing Dept. immediately to the subcontractor. In case subcontractor fails to rectify within 30 days from date of notification, the cost of raw materials and other charges paid to the subcontractor will be recovered from pending bills of the subcontractor.

DELIVERY SCHEDULE

10. The time/date of delivery of the store mentioned in the order shall be deemed to be the essence of the contract and delivery must be completed, not later than the dates specified there in. Should the subcontractor fail to deliver the items within the prescribed period, HAL shall be entitled at their option:- a) to recover from the subcontractor agreed liquidated damages & not by way of penalty, a sum of 0.5% of the value of the item not delivered in time for each week of delay or part of week subject to a maximum of 5 % or b) to cancel the order

EXTENSION OF TIME

11. If an extension is desired by the Sub Contractor, contractor shall apply for extension of time to HAL preferably 15 days prior to the date of delivery without prejudice to the rights of HAL, then HAL may grant extension of time for any cause which HAL may deem proper and the decision of HAL in this respect to be final and binding.

PAYMENT TERMS

12. The standard Payment Terms are 100% payment after receipt and acceptance of finished items at HAL's in-charge of shops, through transfer to sub-contractors Bank Account by ECS. Payment will be done within 30 days after submitting tax invoice with certification of concerned shop supervisor after parts acceptance by HAL QC.

REPEAT ORDER

13. In case of any future requirement, on mutual agreement, repeat order may be proposed within the stipulated time as per purchase procedure.

APPROPRIATION

14. Whenever under this PO any sum of money is recoverable from any payable by the contractor, HAL shall be entitled to recover such sum by appropriating in part or whole by deducting any sum then due or which at any time there after may become due to the contractor in this or any other contract entered by HAL as a whole its Divisions and Branch Offices etc., held by him alone or in partnership with others. Should this sum be not sufficient to cover the full amount recoverable, the contractor shall pay to HAL on demand the remaining balance due.

ARBITRATION

15. All disputes or differences whatsoever arising between the parties out of or relating to the construction meaning and operating or effect of this contract or the breach thereof shall be settled by arbitration in accordance with the rules of arbitration of the Indian Council of Arbitration and the award made in pursuance thereof shall be binding on the parties.

WORK AND PAYMENT DURING ARBITRATION

16. Work under the contract shall if reasonably possible continue by mutual agreement during the arbitration proceedings and no payment due to or payable by HAL will be withheld without reasonable cause and merely on account of the pendency of such proceedings.

JURISDICTION

17. The Court at Bangalore only shall have jurisdiction to deal with and to decide any legal matter whatsoever arising out of this contract.

FALL CLAUSE

18. The price quoted shall be in no event exceed the lowest price at which you sell the stores or offer to sell stores of identical description to any person(s) / organization including the purchases by any department of the Govt. of India, the State Govt. or any statutory undertaking of the Govt. of India / State Govt., as the case may be during the period till the completion of the performance of the order placed and during currency of the order. If at any time during the said period, the contractor reduces the sales price, sells or offers to sell such stores to any person/organization including the purchaser or any department of Central Govt. or any Dept. of State Govt., or any statutory undertaking of the Central or State Govt., as the case may be at a price lower than the price chargeable under the contract, he shall forthwith notify such reduction /sale or offer to sale to the Hindustan Aeronautics Limited and the price payable under the contract for the stores supplied after the date of coming into force of such reduction or sale or offer to sale shall stand correspondingly reduced.

SUB-CONTRACTING/SUB-LETTING

19. The Sub-Contractors shall not sub-let any portion of the contracted job without prior written

ANNEXURE-4

approval of HAL.

CONFIDENTIALITY AGREEMENT

20. Subcontractor is given the drawings sheets for manufacture of the components required by HAL Aerospace Division. The documents issued to subcontractor are strictly confidential. Subcontractor should keep them in safe custody. The information contained in the documents should not be divulged to any other person(s) by subcontractor or copied. Subcontractor is solely responsible to prevent any possible pilferage of these documents. Any violation by subcontractor of these instructions will make subcontractor liable for penal action under section 3 and 5 of the official secrets act, 1923.
21. The drawings shall be the property of HAL and shall not be used for any other purpose other than the purpose intended for without the written permission of HAL.

TERMINATION OF CONTRACT

22. In the event of HAL – Aerospace Division being not satisfied with the performance of the subcontractor at any point of time, in terms of either quality of machining or care of our material or delivery, also in case the subcontractor indulges in malpractices, fraud, cheating etc HAL Aerospace Division shall be entitled to terminate the contract, after giving 30 days notice in writing to the subcontractor by registered post and under this condition HAL Division will not be liable to pay any compensation whatsoever to the subcontractor.

RISK PURCHASES:

23. The Supplier will supply quality items as per approved sample and also the quantity intended by the concerned Division in full as per terms and conditions of purchase order. In case the Supplier fails to execute the order either in terms of quality or in quantity, HAL reserves the right to procure from elsewhere at the risk and cost of the Supplier and any extra expenditure incurred due to this purchase is payable by the Supplier.

Vendor

PURCHASE ORDER

HINDUSTAN AERONAUTICS LIMITED(B.C.)
AEROSPACE DIVISION
POST BAG NO. - 7502
NEW THIPPASANDRA POST
BANGALORE - 560075
GST NO - 29AAACH3641R1Z3



Phone : 080-22315523 / 540
Fax : 080 - 22312603
Mail : imm.aerospace@hal-india.com
Web : www.hal-india.com

VENDOR CODE : IN00674003, GSTNO- 21AABCC9406C1ZB

ORDER NO : INSPO-40

M/s.
GRAM TARANG EMPLOYABILITY TRAINING SER
FOREST PARK, PLOT NO- 17,
FOREST PARK, Khordha
BHUBANESHWAR 751009
INDIA
Attn: SUBRAT KUMAR SWAIN

ORDER DATE : 10-APR-2024

GTET/CNC/QIn/153/23-24, EMAIL DT:14.03.2024

Email : SUBRATKUMAR.SWAIN@GRAMTARANG.OR
G.IN/INFO.GRAMTARANG.IN

TOTAL ITEMS | 4

CURRENCY CODE | INR

Please arrange to supply the materials in the annexures as per terms and conditions attached

SI No	PART NUMBER/DESCRIPTION	QUANTITY	UNIT PRICE	EXTENDED VALUE
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ITEMS ARE AS PER THE ANNEXURES

BASIC VALUE OF THE ORDER

739469.0

GRAND TOTAL :

739,469.00

Rupees Seven Lakhs Thirty-Nine Thousand Four Hundred Sixty-Nine Point Zero Zero Only

DELIVERY REQUIRED: DELIVERY SCHEDULE WILL BE AS PER MUTUALLY DISCUSSED BASED ON HAL REQUIREMENT.

DELIVERY TERMS : F.O.R HAL AEROSPACE DIVISION

PAYMENT TERMS : 100% WITHIN 30 DAYS AFTER RECEIPT AND ACCEPTANCE OF MATERIALS.

MODE OF DELIVERY : ROAD TRANSPORT

"As per record available with HAL, the bank account details of your company are as under:
Account No: 0042102000044208 IFSC Code: IBKL00000042

Bank Name: IDBI BANK

Branch: BHUBANESHWAR, ODISHA

You are requested to verify the bank details above. If any changes, please notify us with supporting documents duly attested by your banker along with order Acknowledgement. HAL will not be responsible in whatsoever for vendor's failure to update bank details.

This Order is also governed by the Conditions of contract sent along with the Tender enquiry.

ATTENTION IS DRAWN TO THE FOLLOWING :

"HAL HAS NOT ENGAGED ANY AGENT/AGENTS OR THIRD PARTY/PARTIES IN THE PROCESS OF PROCUREMENT OF ANY MATERIALS FOR THE REQUIREMENT OF HAL. HAL IS ALSO NOT RESPONSIBLE FOR ANY PERSON/FIRM EXPRESSING OR PRETENDING TO EXPRESS HIMSELF/ HERSELF/ THEMSELVES TO BE AGENT OR THIRD PARTY REPRESENTING HAL IN THE PROCESS OF PROCUREMENT OF THE MATERIALS. IT IS ADVISED TO DEAL DIRECTLY WITH HAL REPRESENTATIVE WHO IS THE SIGNATORY TO THIS DOCUMENT."

Yours faithfully
FOR HINDUSTAN AERONAUTICS LIMITED

RAMAKRISHNA CHALLAPALLI
Authorized Signatory
Aerospace Division

PURCHASE ORDER

HINDUSTAN AERONAUTICS LIMITED(B.C.)
AEROSPACE DIVISION
POST BAG NO. - 7502
NEW THIPPASANDRA POST
BANGALORE - 560075(INDIA)
GST NO- 29AAACH3641R1Z3



Phone : 080-22315523 / 540
Fax : 080 - 22312603
Mail : imm.aerospace@hal-india.com
Web : www.hal-india.com

Purchase Order : INSP0-40
BHUBANESHWAR

Vendor : GRAM TARANG EMPLOYABILITY TRAINING SERVICES (P) LTD ,

SI No	PART NO/DESCRIPTION	QUANTITY	UNIT PRICE (Rs.)	EXTENDED VALUE
1	RC-INS-GROUP-CCNC-RING-E (HSN No-) INS- LIGHT MILL,TURN & DRILL SCOPE OF WORK: CNC MACHINING FOR GROUP-C, REFER ANNEXURE-1 FOR DETAILED SCOPE OF WORK.	3.00 NOS	47,497.00	142,491.00
2	RC-INS-GROUP-ECNC-RING-E (HSN No-) INS- 2-3MTR,TURN & DRILL SCOPE OF WORK: CNC MACHINING FOR GROUP-E, REFER ANNEXURE-1 FOR DETAILED SCOPE OF WORK.	2.00 NOS	37,319.00	74,638.00
3	RC-INS-GROUP-GCNC-RING-E (HSN No-) INS- MEDIUM MILL &,TURN SCOPE OF WORK: CNC MACHINING FOR GROUP-G, REFER ANNEXURE-1 FOR DETAILED SCOPE OF WORK.	4.00 NOS	65,290.00	261,160.00
4	RC-INS-GROUP-HGCNC-RING-E (HSN No-) INS- TURN & DRILL SCOPE OF WORK: CNC MACHINING FOR GROUP-H, REFER ANNEXURE-1 FOR DETAILED SCOPE OF WORK.	4.00 NOS	65,295.00	261,180.00
BASIC TOTAL :				739469.00
GRAND TOTAL :				739469.00

PURCHASE ORDER

HINDUSTAN AERONAUTICS LIMITED(B.C.)
AEROSPACE DIVISION

POST BAG NO. - 7502

NEW THIPPASANDRA POST

BANGALORE - 560075(INDIA)

GST NO - 29AAACH3641R1Z3



Phone : 080-22315523 / 540
Fax : 080 - 22312603
Mail : imm.aerospace@hal-india.com
Web : www.hal-india.com

Purchase Order : INSP0-40

Vendor : GRAM TARANG EMPLOYABILITY TRAINING SERVICES (P) LTD , BHUB

OUR GST NO:29AAACH3641R1Z3

-BANK DETAILS, AS MENTIONED IN THE FIRST PAGE OF PO.

REFERENCES:-

SCOPE OF WORK- REFER ANNEXURE

GENERAL TERMS & CONDITIONS- ANNEXURE B

*USER WILL VERIFY STATUTORY PAYMENTS LIKE ESI & PF FOR PERSONNEL ENGAGED AS PER ANNEXURE, BEFORE CERTIFYING THE PAYMENT.

1. THIS ORDER IS ISSUED SUBJECT TO OUR TERMS AND CONDITIONS OF CONTRACT. WORKS TO BE CARRIED OUT AS PER ACTIVITIES INDICATED IN ANNEXURE-I
2. INVOICE IN DUPLICATE & USER CERTIFICATION TO BE SENT TO CHIEF MANAGER(OS).
3. PLEASE POST US THE ORDER ACKNOWLEDGEMENT WITHIN 7 DAYS AFTER ISSUANCE BY HAL. NON RECEIPT OF THE ORDER ACKNOWLEDGEMENT WITHIN THE PRESCRIBED PERIOD IS DEEMED AS ORDER ACCEPTANCE BY THE SUPPLIER.
4. INSPECTION WILL BE CARRIED OUT AT OUR WORKS BY OUR INSPECTOR.
5. PAYMENT TERMS: AS PER ANNEXURE
6. YOU SHOULD HAVE SECURITY CLEARANCE ISSUED BY CONNECTED POLICE AUTHORITIES AND SHOULD HAVE CLEAR POLICE VERIFICATION REPORT (PVR) AT ALL TIMES IN YOUR POSSESSION TO BE ISSUED TO AEROSPACE DIVISION, HAL BANGALORE ON SPECIFIC DEMAND.
7. PLEASE SEND YOUR BILLS /INVOICES TO CM(OS), ASD BENGALURU-75. DULY ENCLOSING A COPY CERTIFICATION BY QC OR CERTIFIED BY CONCERNED OFFICER INCHARGE.
8. THE PAYMENTS ARE MADE THROUGH ELECTRONIC MODE i.e., ESC/NEFT/RTGS. HENCE, PLEASE FURNISH YOUR BANK DETAILS ON YOUR LETTER HEAD LIKE NAME OF THE BENEFICIARY, A/C NO., TYPE OF A/C, BANK NAME & ADDRESS, MICR NO., IFSC/RTGS CODE & ALSO ENCLOSED CANCELLED CHEQUE COPY.
9. HAL AEROSPACE DIVISION BEING ENVIRONMENTALLY FRIENDLY AREA, VEHICLES WITH VALID EMISSION TEST CERTIFICATE ONLY WILL BE ALLOWED. HENCE YOU ARE REQUESTED TO ENSURE COMPLIANCE.
10. THE VENDOR SHALL BE RESPONSIBLE FOR ANY LOSS OR DAMAGE CAUSED TO HAL PROPERTY DUE TO THE NEGLIGENCE OF THE PERSONNEL ENGAGED BY HIM. THE COST OF SUCH DAMAGE DECIDED BY THE MANAGEMENT SHALL BE PAID BY THE VENDOR OR WILL BE RECOVERED FROM THE AMOUNTS PAYABLE TO THE VENDOR.
11. THE PURCHASE ORDER IS TERMINABLE WITHOUT ANY COMPENSATION FOR BREACH BY THE CONTACTOR OF ANY OF THE TERMS AND CONDITIONS HEREIN CONTAINED OR OTHERWISE STIPULATED IN THE TENDER DOCUMENTS / AGREEMENT.

Total Order Cost : Rs.739469/- + 18% GST @ Rs.133104.42/- = Rs.872573.42/-

Scope of Work(Insourcing of CNC activities)

1. To machine detail parts on 3 Nos of 4 axes CNC Machines (Make: M/s. UMARO, M/s. STROJIMPORT & M/s. MARIO CARNAGHI) at PPT area of Aerospace Division. All the three machines are of Siemens Control and program will be supplied by the Division. These machines are capable of machining Aluminium alloys, steel & Titanium alloys. Firms are required to depute qualified operators for running these machines on a minimum two shift basis. Whenever urgency arises the machines will be required to run in three shifts. Machines, cutting tools, clamping elements, CNC programs, CNC setup sheets, maintenance of the machine, Coolant, consumables will be provided by the Division.

2. The List of parts to be machined.

SL NO.	PART GROUP	DRG NO.	DRG NAME	OPERATIONS	Qty
1	A	GY-FM-VS-FB-CM-IS-00-01-00-001	CM APEX RING	HEAVY MILLING AND TURNING	1
2		GY-FM-VS-FB-CM-IS-00-01-00-002	CM APEX BASE RING		1
3		GY-FM-VS-FB-CM-IS-00-01-00-003	CM FORWARD CONE		1
4		GY-FM-VS-FB-CM-IS-00-01-00-004	CM AFT CONE		1
5		GY-FM-VS-FB-CM-IS-00-01-00-005	CM AVIONICS BAY RING		1
6		GY-FM-VS-FB-CM-IS-00-01-00-006	CM AVIONICS BAY DOME		1
7		GY-FM-VS-FB-CM-STR-01-01-01-001	CM SHOULDER RING		1
8		GY-FM-VS-FB-CM-STR-01-01-02-001	CM CENTRAL DOME		1
9		G3314-05-2010600-001	AFT END RING		1
10		G3411-05-1010500-001	AFT END RING		1
11		G3421-05-0010631-001	BOTTOM CONE AE RING		1
12		G3621-05-0011300-001	AE RING		1
13		G3262-05-S01-0410-002	FORE END RING		1
14		GY-FM-VS-FB-CM01-STR-01-01-01-001	SCM APEX RING		1
15		GY-FM-VS-FB-CM01-STR-01-01-01-002	SCM APEX BASE RING		1
16	B	G3411-05-1010600-001	FORE END RING	TURNING AND DRILLING	1
17		G3411-05-1010600-002	AFT END RING		1
18		G3411-05-7010000-001	AFT END RING		1
19		G3411-05-7010000-002	FORE END RING		1
20		G3611-05-0010700-001	FORE END RING		1
21		G3611-05-0010700-002	AFT END RING		1

22		G3611-05-0010700-003	BULK HEAD -I		1
23		G3611-05-0010700-004	BULK HEAD -II		1
24		G3411-05-7010000-003	BULK HEAD SEGMENT		1
25		G3411-05-7010000-007	HC SUPPORT RING		1
26		G3411-05-1010700-001	FE RING		1
27		G3411-05-1010700-002	AE RING		1
28		G3011-05-0010800-001	FORE END RING SEGMENT		1
29		G3011-05-0010800-002	AE END RING SEGMENT		1
30		G3314-05-2066510-002	SPLIT RING		1
31		G3631-05-6010100-001	AE RING		1
32		G3314-05-2010600-002	DUMMY RING (FE SØE)		1
33		G3611-05-0011300-002	FE RING		1
34		G3411-05-1010500-003	FORE END RING		1
35		G3262-05-S01-0200-001	FORE END RING		1
36		G3262-05-S010510-007	MIDDLE RING - FE		1
37		G3262-05-S010520-001	MIDDLE RING - AE		1
38		G3262-05-S010520-002	SCTB RING		1
39		MSP-8510	FORE END RING SEG-1,2,3,& 4		1
40		G3611-05-6010000-001	AE RING		1
41		G3611-05-6010000-006	BULK HEAD-4		1
42		G3901-05-8010-100-004	NOSE CONE FE RING (OGIVE)		1
43		G3411-05-1010500-004	BULK HEAD SEGMENT		1
44		G3262-05-S01-0410-001	AE RING		1
45	C	G3411-05-1010700-003	BULK HEAD -1	LIGHT MILLING, TURNING AND DRILLING	1
46		G3411-05-1010700-004	BULK HEAD -2		1
47		G3411-05-1010700-005	BULK HEAD -3		1
48		G3314-05-2010300-009	(GM3M-017) DUMMY RING (AE)		1
49		G3314-05-2010300-014	(GM3M-018) DUMMY RING (FE)		1
50		G3621-05-0011300-003	BULK HEAD		1
51		G3421-05-0010631-101	BOTTOM CONE FE RING		1
52		G3421-05-0010632-001	TOP CONE AE RING		1
53		G3314-05-2010400-050	FE RING		1
54		GM3.M-021	DUMMY RING		1

55		G3262-05-S01-0200-002	AFT END RING		1
					1
56	D	G3861-05-8010-100-001	BOAT TAIL AE RING	MEDIUM MILLING,	1
57		G3861-05-8010-100-002	BOAT TAIL FE RING		1
58		G3901-05-8010-100-003	OGIVE NOSE CONE AE RING	TURNING AND DRILLING	1
59		G3631-05-6010100-002	FE RING		1
60		G3631-05-6010100-007	BULK HEAD-1		1
61		G3631-05-6010100-008	BULK HEAD-2		1
62		G3631-05-6010100-009	BULK HEAD-3		1
63		G3631-05-6010100-010	BULK HEAD-4		1
64		MSP-1123 (3 LH Seg. + 3 RH Seg.)	SECTOR BULK HEAD -III LH & RH		1
65		G3262-05-S01-0410-003	TRANSITION RING		1
66		G3262-05-S010520-003	AFT END RING		1
67		G3344-05-201-0300-002	BULK HEAD-1A		1
68		G3344-05-201-0300-003	BULK HEAD-2A		1
69		G3344-05-201-0300-009	BULK HEAD-1B		1
70		G3344-05-201-0300-010	BULK HEAD-2B		1
71		G3611-05-6010000-002	FE RING		1
72		G3611-05-6010000-007	BULK HEAD-5		1
73		G3611-05-6010000-033	BULK HEAD-6		1
74		G3611-05-6010000-059	BULK HEAD-1A		1
75		G3611-05-6010000-060	BULK HEAD-2A		1
76		G3611-05-6010000-061	BULK HEAD-3A		1
77		G3411-05-1010500-002	TRANSITION RING		1
78		GM3.M-142	DUMMY RING - SITS		1
					1
79	E	G3421-05-0010631-003	BULK HEAD	2-3 METER CLASS RINGS INVOLVED TURNING AND DRILLING	1
80		G3901-05-8010-110-002	NOSE CAP RING (OGIVE)		1
81		G3901-05-8010-110-003	SPLIT RING P+ (OGIVE)		1
82		G3901-05-8010-210-001	SPLIT RING P- (OGIVE)		1
83		G3461-05-1061650-102 (MSP1904)	COWLING RING SEGMENT - LH		1
84		G3411-05-1011201-001	AE RING SEGMENT-1 (COWLING)		1
85		G3411-05-1011201-002	TRANSITION RING SEGMENT - 2A		1

86		G3411-05-1011202-001	TRANSITION RING SEGMENT - 2B		1
87		G3411-05-1011203-002	FE RING SEGMENT (SHROUD)		1
88		G3411-05-1011204-001	TRANSITION RING SEGMENT -1A		1
89		G3411-05-1011204-002	TRANSITION RING SEGMENT -1B		1
90		G3262-05-S01-0200-003	BULK HEAD RING		1
91		G3262-05-S01-0410-004	BULK HEAD		1
92		G3421-05-0010632-002	TOP CONE FE RING		1
93		G3-314-05-2010120-001	FORE END RING		1
94		G3-314-05-2010130-001	AFT END RING		1
95		G3-314-05-2010130-002	THRUST FRAME RING		1
96		G3344-05-201-0130-001	AFT END RING		1
97		G3344-05-201-0130-002	THRUST FRAME RING		1
98	F	GY-G3334-05-2010130-001	AE RING	TANKAGES HEAVY MILLING, TURNING AND DRILLING	1
99		GY-G3334-05-2010130-002	THRUST FRAME RING		1
100		G3262-05-S010130-003	FORE END RING		1
101		GM3.M-143	DUMMY RING - SPBS		1
102		G3344-05-201-0300-007	DUMMY RING 1		1
103		G3344-05-201-0300-013	DUMMY RING 2		1
104		G3-314-05-2010220-001	FORE END RING		1
105		G3-314-05-2010230-001	AFT END RING		1
106		G3344-05-201-0230-001	AFT END RING		1
107	G	G3344-05-201-0220-001	FORE END RING	MEDIUM MILLING AND TURNING	1
108		GY-G3334-05-2010220-001	FORE END RING		1
109		GY-G3334-05-2010230-001	AFT END RING		1
110		G3344-05-201-0120-001	FORE END RING		1
111		GY-G3334-05-2010120-001	FORE END RING		1
112		MSP-7716	AFT END RING		1
113		MSP-7715	FORE END RING		1
114	H	MSP-7717	FORE END RING	TURNING AND DRILLING	1
115		MSP-7718	AFT END RING		1
116		G3262-05-S01-0330-001	END RING		2
117		G3262-05-S010140-002	AFT END RING		1

The entire activities to be carried out are as follows.

- 3 Collection of all the necessary documents and templates from Programme Engineering Department.
- 4 Cleaning of machine bed for loading raw material and preparing the clamping elements for carrying out the machining operation.
- 5 Loading of Raw Material to the Machines as per document.
- 6 Fixing the datum for the part as per the NC set up sheet.
- 7 Establishing tool offsets as per the NC set sheet.
- 8 Loading and unloading of cutting tools to machine as per the NC set up sheet.
- 9 Collection and return of cutting tools from tool crib as per the existing practice
- 10 Carrying out various set ups as per NC set up sheet.
- 11 Loading and unloading the part as per operation sketch.
- 12 Clamping and unclamping of job as per the operation sketch.
- 13 General up keeping of the machine.
- 14 Minimum one exclusive helper shall be engaged for removal of chips from the working zone & deposition of chips in the designation bins in all shifts being operated by vendor.
- 15 In process measurement of dimensions. Measurement to be carried out only with calibrated instruments supplied by HAL.
- 16 Recording of daily status and recording of dimensions in log book.
- 17 Liaisoning with CNC programming department for program verification.
- 18 The firm has to provide exclusively one fitter to carryout stage deburring, filing and Final deburring & vibro operations. Firm has to ensure no loss of machine hours for want of stage deburring and final deburring is taken up immediately after finish machining.
- 19 Cleaning the part after all operations.
- 20 The firm has to co-ordinate for movement of the completed parts along with documents to NCQ(inspection)
- 21 The indicated parts are all rings made from ring forging generally. The firm to machine as per the program supplied by Division. Quoted price against each line item is considered for machining of one ring forging.
- 22 Obtain certificate of acceptance from NCQ and submitting the same along with invoice to shop In-charge.
- 23 The quantity mentioned against each line item may vary for machining; however the total amount of work will not cross the total order value.
- 24 Each line item is group of similar kind of parts based on the similarity of operations involved. Each component in the group approximately has same manufacturing hours. Firms are required to quote unit price for each line item.
- 25 HAL-ASD will have flexibility to load components based on the priority within the group.

- 26 Raw materials size at the time of issuing may vary based on availability at HAL-ASD. Vendors need to execute the P.O. without any additional cost.

General Points

- 1 Up keeping of machine & general surrounding of machines.
- 2 Maintaining traceability of parts, in entire manufacturing cycle.
- 3 Recording start & finish time job for each operation and filling the check list during operation.
- 4 Firm shall ensure completion of extra material trimming, filing and burr free surface before offering to QC for inspection.
- 5 Effective supervision shall be ensured by the vendor with qualified supervisor who has to ensure proper supervision during operation of critical processes. Supervisor (over and above machine operators/ helpers) is for effective execution of order in operating shifts.
- 6 Manpower deployed by the vendor should ensure tool pre-setting, assist operators for component loading, inter machine movement, top up of coolant etc.
- 7 All the components are to be de-burred after fabrication within one week and to be offered to inspection.
- 8 Vendor has to complete the assigned job within the stipulated time. A delay of 15 days attributable to the vendor beyond the defined timeline for any activity shall be considered as a failure to meet the Production requirement and same will be viewed as seriously.
- 9 The qualification required for manpower deployed for running CNC machines should be Diploma (Mechanical/Production) with minimum two year of relevant experience or ITI machinist with 4 years Of relevant experience. Personnel having equivalent qualifications with varying experience can be considered at the sole discretion of HAL and preference shall be given to personnel possessing Diploma. Vendor to submit all certificates wrt personnel qualification and experience. Manpower deployed by vendor will be provided with training by HAL (basic training for approx. 2 weeks), and after training, evaluation and practical test will be conducted for personnel engaged by vendor. No payment shall be made during training period. Personnel who are qualified in the test only will be eligible to operate the machine.
- 10 Vendor shall deploy the manpower to work in HAL-ASD Campus.
- 11 All the facilities for movement of materials and tools will be provided by HAL-ASD at free of cost.
- 12 Acceptance of each part will be by HAL QC.
- 13 Quote to be submitted for each line items and the same to be firm and fixed.
- 14 Work package is for one year requirement.
- 15 Training shall be provided by HAL and after training evaluation, practical test will be conducted for personnel engaged by firm. Personnel who are qualified in the test only will be eligible to operate machine.
- 16 Safety accessories required for wearing during operation to be arranged by the firm.

- 17 Priority and quantity of parts to be machines shall be fixed in consultation with CNC shop in-charge.

Terms and Conditions

- 1 All the technical inputs like drawings, sketches and process sheets will be supplied by HAL-ASD at free of cost. All the documents shall be kept in proper place without any damage and shall not be copied or taken out.
- 2 The vendor shall provide all logistics support to its manpower for the execution of the work at HAL-ASD.
- 3 The entire activities to be carried out are as per the instruction of CNC Shop Supervisors.
- 4 Sufficient man power shall be engaged by the vendor for these activities.
- 5 Effective supervision shall be ensured by the vendor with qualified supervisor during operation of critical processes.
- 6 Separate logbook to be maintained by the vendor to record all the details of operations/activities carried out on each day.
- 7 It is the responsibility of the firm to assign the sufficient manpower under each category to meet the functional and production requirements. The details of man powers along with their qualification and experience (fitter/Operator, and supervisors etc.) to be provided while submitting the quotation.
- 8 Quotation will be evaluated on totality basis. Vendor has to quote unit price group wise i.e. price of each item in the group to be same.
- 9 The Order will be valid till completion of contract value.
- 10 In case there is an upward revision in the applicable rate of tax (GST) post submission of bid, the contractor shall submit a copy of the relevant statute/notification evidencing change of applicable rates for claiming payment from HAL as per revised GST rates. Similarly if there is downward revision of applicable tax rate post submission of bid, the benefit of lower tax liability shall be passed on to HAL.
- 11 Vendor shall deploy the manpower to work in HAL-ASD Campus.
- 12 All the detail parts, tools & fixtures, facilities in operational condition and Consumables like grease, cotton waste, cleaner, compressed air and power etc., will be provided by HAL-ASD at free of cost.
- 13 All the facilities for movement of materials and tools will be provided by HAL-ASD at free of cost.
- 14 All the technical inputs like drawings, sketches and process sheets will be supplied by HAL-ASD at free of cost. All the documents shall be kept in proper place without any damage and shall not be copied or taken out.
- 15 People deployed shall agree to work in regular shift (8 hrs. shifts i.e., 7.00 am to 3pm / 3pm to 11.00 pm/ 11.00 pm to 7.00 am) as per the requirement.
- 16 The vendor shall provide all logistics support to its manpower for the execution of the work at HAL-ASD.
- 17 The vendor has to provide police verification certificate for the people to be positioned for the job before deployment in HAL.
- 18 The persons engaged by the vendor shall also be subjected to security check by HAL Security. The management reserves the right to ask the vendor to dispense with the

- services of any person engaged by him, if he is reported to be of doubtful integrity/ non performance/ any other reasons.
- 19 All the Safety accessories like safety shoes, hand gloves and helmet etc, required for wearing during operation to be arranged by the firm.
 - 20 The vendor shall be responsible for any loss or damage caused to HAL property due to the negligence of the personnel engaged by him. The cost of such damage as decided by the management shall be paid by the vendor or recovered from the amounts payable to the vendor.
 - 21 HAL is not responsible for any injury/ loss of life etc. caused to his personnel deputed for work; it is the sole responsibility of vendor to supervise the job and will be responsible for the safety. Vendor shall indemnify HAL for any loss of life causality or injury to his personnel or any loss or damage to the property of HAL.
 - 22 The contractors shall oversee the effective working of the personnel provided by him.
 - 23 The contractor shall comply with all the requirements of labor laws.
 - 24 The decision of the Officer-in-charge is final with regard to the satisfactory performance of the contract and any matter arising out of that is binding on the contractor as decided by HAL.
 - 25 It shall be the sole responsibility of the contractor to settle the dispute if any, arising out of engagement between himself and the personnel engaged by him and the management of HAL shall not in any way be responsible, in the event, the personnel approach the competent authority, under any Act of law in the court. The entire expenses in this regard shall be borne by the contractor.
 - 26 Vendor should pay minimum wages for respective category and vendor shall remit all the statutory payments like ESI & PF for personnel engaged and should enclose a proof of remittance of ESI & PF challan along with the bill for each personnel deputed in the work package. If vendor fail to pay payments like ESI and PF etc, HAL reserves the right to short close the P.O. without assigning any reasons.
 - 27 Personnel engaged by the vendor shall comply with all safety and regulations. The vendor will be responsible to compensate the personnel in the event of any accident.
 - 28 If required as per the stipulations under the contract labor (Regulation Act) Act-1970, the vendor shall obtain and furnish valid registration certificate / License issued by the Assistant Labor commission- central within 30 days of issue of acceptance letter.
 - 29 HAL shall not be under any obligation for providing employment to any the personnel of the contractor after expiry of the Purchase order. HAL does not recognize any employee employers' relationship with any of the workers of the contractor engaged in HAL.
 - 30 The personnel of the Contractor shall not be the employees of HAL and they shall not claim from HAL, any salary or allowances, compensation, damages or anything arising out of their deployment/duty under this Contract. The Contractor shall make them known about this position in writing before deployment under this contract.
 - 31 The Purchase Order is terminable without any compensation to the contractor for the breach of contract for any of the terms and conditions herein contained or otherwise stipulated in the tender documents / agreement.

Payment Terms:

- 1 100% of payment after successful clearance of parts from NCQ.
- 2 The Invoice should contain the applicable Tax. Payment will be released within 30 Days of submission of clear invoice, certified by officer-in charge.



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CONDITIONS OF CONTRACT

FIRM PRICES

1. The prices will be firm as fixed as per contract terms till execution of contract and exclude subsequent claims or price increases of any kind.

GOODS AND SERVICES TAX (GST)

2. GST, wherever leviable and intended to be claimed from HAL should be distinctly shown along with the prices quoted along with the applicable rate and HSN number/SAC (Service Accounting Code). Any additional taxes/levies imposed subsequent to order will be payable to the vendor at actual. The vendor shall provide a copy of the GST Registration certificate.

Filing of GST against each invoice is mandatory. Non filing and not appearing of GST in GSTR-2A will lead to recovery of the amount of GST paid from your subsequent bills. Kindly ensure the timely filing of GST for the bills submitted to HAL-ASD.

INSPECTION

3. Items shall be inspected at HAL Aerospace Division by our Inspector. The report furnished by HAL Aerospace Division's Inspector will be final and binding on the subcontractor. The final inspection and acceptance will be at HAL.

ACKNOWLEDGEMENT

4. An acknowledgement of the Sub-contract order shall be sent to HAL confirming their acceptance regarding Specification, Quantity, Price, Payment Terms and delivery schedule as indicated in the order and also terms and conditions attached to the order within 7 days of its receipt by the Sub-Contractor. Non-receipt of order acknowledgement within prescribed period is deemed acceptance by the supplier.

DAMAGE / LOSS TO MATERIAL

5. In case where material has been supplied by HAL, subcontractor shall take due care of the raw-material /special tooling etc. supplied by HAL Aerospace Division and will indemnify HAL Aerospace Division to the full value in case of damage/loss of these materials. However, in case of special tooling, normal wear and tear while in usage will not be considered as damage.

REJECTION ALLOWANCE & RECOVERY

6. In case where materials are supplied by HAL, the rejection allowance and recovery etc. shall be asunder:

- i) The maximum permissible rejection allowance will be 5%. In case the rejection exceeds 5% HAL Aerospace Division shall recover from the subcontractor the cost of raw material rejected beyond 5% at prevailing market rate of the material supplied to the subcontractor.
- ii) Recovery of cost of rejected materials beyond mentioned at para(i) above, HAL Aerospace Division shall intimate the subcontractor the cost of rejection, and the subcontractor will pay to HAL by crossed Demand Draft within 15 days, failing which, the recovery will be effected from their other

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pending bills or otherwise invoking indemnity furnished by the subcontractor. In such cases, no labour charges/conversion charges will be paid to the subcontractor.

iii) Wherever inherent defects are noticed by the subcontractor in HAL's supplied materials during machining, the subcontractor shall intimate Shop in-charge. HAL shall compensate the subcontractor to the extent of content in terms of labour charges on the basis of certificate by HAL Inspector.

7. Deduction, on account of operations not carried out by the Sub-Contractors/ Service Providers as per Purchase Order, and carried out by HAL shall be based on the total quantum of re-work involved, the Purchase Order value and HAL estimated value.

QUALITY AND WORKMANSHIP

8. The subcontractor shall ensure that the tools/components supplied by them shall be of the highest quality and workmanship and as per the drawings & specification provided by HAL. Wherever orders are placed in accordance with particular specification/drawing requirement, it will be deemed to be an undertaking by the subcontractor that they have fully acquainted themselves with various drawings/ specifications/standards thereof.

WARRANTY

9. The Items supplied shall be free from any defects/workmanship and shall be guaranteed for Quality /satisfactory performance. Any defect because of faulty material (if not supplied by HAL) / workmanship noticed shall be rectified by the subcontractor free of cost. In case, where full checking is initially not possible and the final inspection will be done at the time of actual production, the defects if any noticed at that time will be reported by Outsourcing Dept. immediately to the subcontractor. In case subcontractor fails to rectify within 30 days from date of notification, the cost of raw materials and other charges paid to the subcontractor will be recovered from pending bills of the subcontractor.

DELIVERY SCHEDULE

10. The time/date of delivery of the store mentioned in the order shall be deemed to be the essence of the contract and delivery must be completed, not later than the dates specified there in. Should the subcontractor fail to deliver the items within the prescribed period, HAL shall be entitled at their option:- a) to recover from the subcontractor agreed liquidated damages & not by way of penalty, a sum of 0.5% of the value of the item not delivered in time for each week of delay or part of week subject to a maximum of 5 % or b) to cancel the order

EXTENSION OF TIME

11. If an extension is desired by the Sub Contractor, contractor shall apply for extension of time to HAL preferably 15 days prior to the date of delivery without prejudice to the rights of HAL, then HAL may grant extension of time for any cause which HAL may deem proper and the decision of HAL in this respect to be final and binding.

PAYMENT TERMS

12. The standard Payment Terms are 100% payment after receipt and acceptance of finished items at HAL's in-charge of shops, through transfer to sub-contractors Bank Account by ECS. Payment will be done within 30 days after submitting tax invoice with certification of concerned shop supervisor after parts acceptance by HAL QC.

REPEAT ORDER

13. In case of any future requirement, on mutual agreement, repeat order may be proposed within the stipulated time as per purchase procedure.

APPROPRIATION

14. Whenever under this PO any sum of money is recoverable from any payable by the contractor, HAL shall be entitled to recover such sum by appropriating in part or whole by deducting any sum then due or which at any time there after may become due to the contractor in this or any other contract entered by HAL as a whole its Divisions and Branch Offices etc., held by him alone or in partnership with others. Should this sum be not sufficient to cover the full amount recoverable, the contractor shall pay to HAL on demand the remaining balance due.

ARBITRATION

15. All disputes or differences whatsoever arising between the parties out of or relating to the construction meaning and operating or effect of this contract or the breach thereof shall be settled by arbitration in accordance with the rules of arbitration of the Indian Council of Arbitration and the award made in pursuance thereof shall be binding on the parties.

WORK AND PAYMENT DURING ARBITRATION

16. Work under the contract shall if reasonably possible continue by mutual agreement during the arbitration proceedings and no payment due to or payable by HAL will be withheld without reasonable cause and merely on account of the pendency of such proceedings.

JURISDICTION

17. The Court at Bangalore only shall have jurisdiction to deal with and to decide any legal matter whatsoever arising out of this contract.

FALL CLAUSE

18. The price quoted shall be in no event exceed the lowest price at which you sell the stores or offer to sell stores of identical description to any person(s) / organization including the purchases by any department of the Govt. of India, the State Govt. or any statutory undertaking of the Govt. of India / State Govt., as the case may be during the period till the completion of the performance of the order placed and during currency of the order. If at any time during the said period, the contractor reduces the sales price, sells or offers to sell such stores to any person/organization including the purchaser or any department of Central Govt. or any Dept. of State Govt., or any statutory undertaking of the Central or State Govt., as the case may be at a price lower than the price chargeable under the contract, he shall forthwith notify such reduction /sale or offer to sale to the Hindustan Aeronautics Limited and the price payable under the contract for the stores supplied after the date of coming into force of such reduction or sale or offer to sale shall stand correspondingly reduced.

SUB-CONTRACTING/SUB-LETTING

19. The Sub-Contractors shall not sub-let any portion of the contracted job without prior written

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approval of HAL.

CONFIDENTIALITY AGREEMENT

20. Subcontractor is given the drawings sheets for manufacture of the components required by HAL Aerospace Division. The documents issued to subcontractor are strictly confidential. Subcontractor should keep them in safe custody. The information contained in the documents should not be divulged to any other person(s) by subcontractor or copied. Subcontractor is solely responsible to prevent any possible pilferage of these documents. Any violation by subcontractor of these instructions will make subcontractor liable for penal action under section 3 and 5 of the official secrets act, 1923.
21. The drawings shall be the property of HAL and shall not be used for any other purpose other than the purpose intended for without the written permission of HAL.

TERMINATION OF CONTRACT

22. In the event of HAL – Aerospace Division being not satisfied with the performance of the subcontractor at any point of time, in terms of either quality of machining or care of our material or delivery, also in case the subcontractor indulges in malpractices, fraud, cheating etc HAL Aerospace Division shall be entitled to terminate the contract, after giving 30 days notice in writing to the subcontractor by registered post and under this condition HAL Division will not be liable to pay any compensation whatsoever to the subcontractor.

RISK PURCHASES:

23. The Supplier will supply quality items as per approved sample and also the quantity intended by the concerned Division in full as per terms and conditions of purchase order. In case the Supplier fails to execute the order either in terms of quality or in quantity, HAL reserves the right to procure from elsewhere at the risk and cost of the Supplier and any extra expenditure incurred due to this purchase is payable by the Supplier.