

SCOPE OF WORK

A. SCOPE OF WORK FOR DIPLOMA.

- 1.0 To perform Dimensional Inspection of Control components, Engine Elements and Online QC surveillance of Liquid Propulsion System Elements at LPSC Valiamala and other Industries based in and around Thiruvananthapuram (approximately 10 to 40 km from Thiruvananthapuram city centre).

2.0 DIMENSIONAL INSPECTION OF PROPULSION SYSTEM ELEMENTS

Service provider has to carryout broadly;

- 2.1 Measurement of length, diameters, depth, width, radius, angle, profile, pitches circle diameters etc.
- 2.2 Measurement of geometrical parameters like roundness, concentricity, cylindricity, straightness, flatness, squareness, parallelism etc.
- 2.3 Measurement of Surface Finish parameters.
- 2.4 Measurement of linear dimensions, radius, angle, surface finish and geometrical parameters using micrometers, comparators, gauges, co-ordinate measuring machine, roundness tester, form and surface finish tester, video measuring equipment, optical profile projector, height measuring equipment, surface plate and other conventional instruments as applicable according to inspection plan approved by LPSC.

3.0 MEASUREMENT OF PARTS POSSESSING TOLERANCES;

- 3.1 Dimensional 5 to 100 micron and above.
- 3.2 Angular 15 to 30 minutes and above.
- 3.3 Surface finish Ra 0.1, 0.2, 0.4, 0.8, 1.6 micron and above.
- 3.4 Geometry 2 to 30 microns and above.

4.0 DIMENSIONAL INSPECTION TO BE PERFORMED AT THIRUVANANTHAPURAM BASED INDUSTRIES

- 4.1 Verification of raw material clearance certificate for all parts and for stainless steel, identification using magnet test.
- 4.2 Visual inspection of parts to ensure completion of all operations as per applicable drawings & documents.
- 4.3 Visual inspection of parts using Stereomicroscope/ Endoscope/ under 10x, 20x magnification as applicable/ for surface defects like scratches, tool marks, foreign materials, dent marks in critical areas and preparation of inspection report.
- 4.4 Party shall have to carry-out 100% inspection of dimensions identified by LPSC as process critical dimension (PCD).
- 4.5 Inspection of critical parameters after rework.
- 4.6 Inspection after surface treatment operations.
- 4.7 In addition to PCD, 10% random counter inspection shall have to be carried out.
- 4.8 Should ensure that only calibrated equipments/gauges with valid certificate are used.

- 4.9 Applicable documents like quality plan, approved drawing, check list, etc. will be made available by LPSC for inspection.
- 4.10 Functionally Critical Dimensions (FCD) inspection of parts.
- 4.11 Preparation of PCD, FCD, Visual inspection reports for all inspection carried out.
- 4.12 Preparation of non-conformance reports.

5.0 ONLINE QUALITY SURVEILLANCE OF PROPULSION SYSTEM ELEMENTS

- 5.1 Verification of clearance status of the parts taken for assembly.
- 5.2 Visual inspection of the parts using stereo microscope before clearing for assembly, and report defects.
- 5.3 QC surveillance during calibration of springs, bellows, filters etc. to ensure the approved procedure is followed and record the results.
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- 5.5 QC surveillance during hydraulic proof test & pneumatic leak tests.
- 5.6 QC surveillance during cleaning, purging vacuum drying etc.
- 5.7 QC surveillance during de-burring & crimping.
- 5.8 Microscopic inspection after EB welding wherever applicable.
- 5.9 Calculation of sliding clearances and preparation of NCR if it is out of specification.
- 5.10 QC surveillance during assembly to ensure the approved procedure is followed.
- 5.11 Inspection of dimensions like strokes, gaps & spacer thickens etc during assembly.
- 5.12 QC Surveillance during functional checks, contamination checks, environmental tests, like Thermo vacuum, Thermal cyclic & Vibration test etc as applicable.
- 5.13 Entry of data in assembly check list.
- 5.14 Preparation of NCRS for the deviations during activities.
- 5.15 Visual inspection of the components/Modules after completion of all assembly & test sequences.
- 5.16 To ensure the tools, instruments, gauges etc are properly calibrated, the environment is properly maintained and the fluids used are with specified quality.

6.0 MANPOWER WITH QUALIFICATION:

- 6.1 Personnel deputed shall have minimum qualification of Diploma in Mechanical Engineering (DME) with minimum 2 years experience / Diploma in Tool and Die making (DTDM) issued by Government Tool room and training centre, with minimum 1 year experience in inspection of precision components. Personnel shall possess sufficient operational knowledge in conventional metrology inspection tools & special purpose inspection machines as listed in section 3.4.
- 6.2 Service provider shall submit the details regarding the qualification and experience of the work force being deployed, as and when manpower is positioned/ changed at THIRUVANANTHAPURAM based industries. Personnel meeting the aforesaid pre-requisites should be able to demonstrate their skills in the presence of LPSC representative. In case of any attrition in the skilled manpower, party shall seek for fresh skill demonstration of personnel, so as to ensure minimum number of skilled manpower available with them always as a redundant measure for substituting the absentees.

7.0 WORKING HOURS

08.45 Hrs. To 17.15 Hrs with 5 days per week. If required, work shall be arranged on holidays and beyond normal working hours at the same rate as agreed for the normal working hours

8.0 ACTIVITY LIST & WORK UNITS

- 8.1 Service provider shall provide all the required manpower for dimensional Inspection activities.
- 8.2 Service provider shall submit the details regarding the qualification and experience of the work force being deployed, as and when manpower is positioned/ changed at THIRUVANANTHAPURAM based Industries.
- 8.3 Following is the Work units to be positioned by the SERVICE PROVIDER for Dimensional Inspection and Online Quality Surveillance at THIRUVANANTHAPURAM based Industries (around 10-40 kms distance from THIRUVANANTHAPURAM central) and this will be more or less uniformly spread over the whole year.

Sl. No.	Work Description	Estimated Inspection Quantity for 2 years approx.*	Work units for Two years*
1	Dimensional Inspection of Liquid Propulsion System Control Components, Assemblies, Modules and Engine elements at THIRUVANANTHAPURAM based industries.	29,500Parts	54912
2	Online quality surveillance at THIRUVANANTHAPURAM based Industries.	7,700 Components / Modules	29952

*Only for information

WORK UNITS & COMPUTATION

One work unit is defined as one hour duration of work per person and the total quantum of work carried out will be computed on monthly basis based on the completed work unit. The Service provider shall be available for work not only during office hours but also during late office hours and on holidays if needed.

8.4 Prices:

The price shall be quotes as per following guidelines:

- 8.4.1 Amortised work unit rate - For performing dimensional inspection as per guidelines and work content indicated in sections 2.0, 3.0, 4.0 & 5.0 of category A in annexure 1.

Note: The amortized work unit rate quoted shall include all aspects like manpower, their logistics like daily travelling expenses to go to the industries specified as per the approximate distance given in section 8.3, contract terms

mentioned in section 5.0 of Terms and Conditions, accommodation if any, mandatory payments as per all statutory requirements etc. No other charges shall be payable by LPSC.

B. SCOPE OF WORK FOR ITI.

1.0 Service provider will be required to carry-out Dimensional Inspection of Liquid Propulsion System Elements like control components and engine elements at LPSC Valiamala and other Industries based in and around Thiruvananthapuram (approximately 10 to 40 km from Thiruvananthapuram city centre).

2.0 DIMENSIONAL INSPECTION OF PROPULSION SYSTEM ELEMENTS

Service provider has to carryout broadly;

2.1 Measurement of length, diameters, depth, width, radius, angle, profile, pitch circle diameters etc.

2.2 Measurement of geometrical parameters like, concentricity, cylindricity, straightness, flatness, squareness, parallelism etc. by using V-Block and height gauge with Dial indicator.

2.3 Measurement of Surface Finish parameters using portable surface finish tester.

2.4 Measurement of linear dimensions, radius, angle, surface finish and geometrical parameters using micrometers, comparators, gauges, Stereomicroscope, Endoscope, Vernier Height Gauge, Tilting rotary table, optical profile projector, Digital height measuring equipment, surface plate and other conventional instruments as applicable according to inspection plan approved by LPSC.

3.0 MEASUREMENT OF PARTS POSSESSING TOLERANCES;

3.1 Dimensional 15 to 100 micron and above.

3.2 Angular 15 to 30 minutes and above.

3.3 Surface finish Ra 0.4, 0.8, 1.6 micron and above.

3.4 Geometry 20 to 30 microns and above.

4.0 DIMENSIONAL INSPECTION TO BE PERFORMED AT LPSC, Valiamala

4.1 Verification of raw material clearance certificate for all parts and for stainless steel, verification using magnet test.

4.2 Visual inspection of parts to ensure completion of all operations as per applicable drawings & documents.

4.3 Visual inspection of parts using Stereomicroscope/ Endoscope/ under 10x, 20x magnification as applicable/ for surface defects like scratches, tool marks, foreign materials, dent marks in critical areas and preparation of inspection report.

4.4 Party shall have to carry out 100% inspection of dimensions identified by LPSC.

4.5 Inspection of critical parameters after rework.

4.6 Visual and dimensional Inspection after surface treatment operations.

4.7 Should ensure that only calibrated equipments/gauges with valid certificate are used.

4.8 Applicable documents like quality plan, approved drawing, check list, etc. will be made available by LPSC for inspection.

4.9 PROCESS CRITICAL DIMENSIONS (PCD) inspection of Parts.

- 4.10 Functionally Critical Dimensions (FCD) inspection of parts.
- 4.11 Preparation of log book for all inspection carried out and deviation report if any.
- 4.12 Preparation of non-conformance reports.
- 4.13 Preparation of final inspection report.

5.0 MANPOWER AND QUALIFICATION

- 5.1 The personnel deputed shall have minimum qualification of ITI (Trade fitter) with 2 years’ experience in inspection of precision components. Personnel shall possess sufficient operational knowledge in conventional metrology inspection tools and special purpose inspection machines as listed in section 3.4.
- 5.2 Service provider shall submit the details regarding the qualification and experience of the work force being deployed, as and when manpower is positioned/ changed. Personnel meeting the aforesaid pre-requisites should be able to demonstrate their skills in the presence of department’s representative. In case of any attrition in the skilled manpower, party shall seek for fresh skill demonstration of personnel, so as to ensure minimum number of skilled manpower available with them always and to have some buffer as a redundant measure for substituting the absentees.

6.0 WORKING HOURS

- 08.45 Hrs. To 17.15 Hrs with 5 days per week. If required, work shall be arranged on holidays and beyond normal working hours at the same rate as agreed for the normal working hours

7.0 ACTIVITY LIST & MAN HOURS

- 7.1 Service provider shall provide all the required manpower for dimensional Inspection activities.
- 7.2 Service providers shall submit the details regarding the qualification and experience of the work force being deployed, as and when manpower is positioned / changed.
- 7.3 Following is the Work units to be positioned by the SERVICE PROVIDER for Dimensional Inspection at THIRUVANANTHAPURAM based Industries (around 10-40 kms distance from THIRUVANANTHAPURAM central) and this will be more or less uniformly spread over the whole year.

Sl. No	Work Description	Inspection Quantity for Two years approx. *	Total work unit for 2 years
1.	Dimensional Inspection of Liquid Propulsion System Components and Assemblies at THIRUVANANTHAPURAM based industries.	18,000/- Parts approximately	24,960

*Only for information

WORK UNITS & COMPUTATION

One work unit is defined as one hour duration of work per person and the total quantum of work carried out will be computed on monthly basis based on the completed work unit. The Service provider shall be available for work not only during office hours but also during late office hours and on holidays if needed.

7.4 Prices:

The price shall be quoted as per the following guidelines:

7.4.1 Amortised work unit rate - For performing dimensional inspection as per guidelines and work content indicated in sections 2.0, 3.0 & 4.0 of category B in Annexure 1

Note: The amortized work unit rate quoted shall include all aspects like manpower, their logistics like daily travelling expenses to go to the industries specified as per the approximate distance given in section 7.3, contract terms mentioned in section 5.0 of Terms and Conditions, accommodation if any, mandatory payments as per all statutory requirements etc. No other charges shall be payable by LPSC.

C. EXPERIENCE OF THE FIRM / COMPANY

Service provider shall have the core Competence in Metrology Inspection for two years (from Jan. 2015 onwards) as on date of release of tender and the relevant PO copies/proof shall be attached along with offer.

TERMS AND CONDITIONS

1.0. PREAMBLE:

- 1.1 Liquid Propulsion Systems Centre (LPSC)/ISRO is looking for reputed companies/agencies having highly capable and diligent personnel to carry out the activities related to Dimensional Inspection of Control components, Engine Elements and Online QC surveillance at Industries based in and around Thiruvananthapuram viz- LPSC Valiamala and Brahmos Aerospace Pvt Ltd., Trivandrum (approximately 10 to 40 km from Thiruvananthapuram city centre).
- 1.2 LPSC proposes to avail the services related to Dimensional Inspection of Control components, Engine Elements and Online QC surveillance at Industries based in and around Thiruvananthapuram viz- LPSC Valiamala and Brahmos Aerospace Pvt Ltd., Trivandrum (approximately 10 to 40 km from Thiruvananthapuram city centre) from a reputed agency.

2.0 DEFINITIONS:

- 2.1 The term “Service Receiver” means Liquid Propulsion Systems Centre (LPSC), a Centre under the Indian Space Research Organization (ISRO) of the Department of Space (DOS) hereinafter called “Service Receiver” includes its Units/Entities/Groups/Divisions of LPSC located at Valiamala P.O, Thiruvananthapuram - 695547.
- 2.2 The term “Service Provider” includes any registered Establishment which will be deemed responsible and held accountable for performing the work contract.
- 2.3 The term “Work Package” shall mean a Work Package Contract to provide services at different Entities/Groups/Divisions of Service Receiver as per the Scope of Work.
- 2.4 The terms “Employees” shall mean all the employees, supervisors and staff of the Service Provider deployed by the Service Provider to carry out the Work Package tasks as defined in the Work Package Order(s).
- 2.5 The term “Focal Point” shall mean the designated officials of Service Receiver, who will be coordinating with the Supervisor of the Service Provider. The Focal point of Service Receiver shall be mentioned in the Work Package Order(s).
- 2.6 The term “Supervisor” shall mean the Identified/ qualified persons of “Service Provider”, who will supervise the works carried out by the qualified work force of “Service Provider”
- 2.7 The term “Paying Authority” shall mean the Accounts Officer of the Service Receiver.

3.0 SERVICE PROVIDER PRE-REQUISITES

The Service Provider shall fulfil the following requirements.

- a. Should be a registered firm/Company/society and not an individual.
- b. Should have valid registration certificate issued by any Government Agency. The Bye-Law/Registration Certificate should permit undertaking the proposed work.
- c. Should have Registration with Labour Department, EPF Organization and ESI Corporation.
- d. Should have Income Tax (PAN)
- e. Should have GST Registration
- f. Should have employees with adequate experience/ expertise to undertake activities elaborated in Annexure 1.
- g. Should submit 6 months' Bank statement showing minimum bank balance for paying at least 4 months' wages to the work force.
- h. Should submit Proof for similar work done at any ISRO Centres/Units/any Govt. Departments/any PSUs etc.

4.0 Mandatory Documents

The following documents shall be submitted by the Service Provider along with documentary proof (wherever required); without which your offer will NOT be considered.

No.	Details	Annexure
1.	The details of Service Provider's establishment in their letter head	A
2.	Declaration Form	B
3.	Declaration with respect to Court Cases, if any pending or being contemplated against the Service Provider	C
4.	"Near Relative" Certificate declaration in the format inline with Para 4.1	D
5.	Compliance Statement	E
6.	Proof of experience of your firm/company	
7.	Bank statements for six months	
8.	ITR for the last two financial years	
9.	Balance sheet or P & L Account for the last two years	

The Service Provider shall engage required number of employees with relevant qualifications for the execution of work as per Scope of Work (para6.0).

4.1 Near Relative:-

- The Service Provider shall furnish a Declaration (Annexure-D) of the details of "Near Relative" of the Service Provider (of the owner, partner, member of board of directors, members of governing body, or similar authorized bodies responsible to perform the management functions of the Service Provider's Firm) who is/are working/employed in VSSC & IISU, Liquid Propulsion Systems Centre (LPSC), a Centre of ISRO located at Thiruvananthapuram and any other ISRO Centre/Unit. The "Near Relative (s) means:
 - a) Spouse
 - b) The one is related to the other in a manner as father, mother, son(s) & son's wife (daughter-in-law), daughter(s) & daughter's husband (son-in-law), brother(s) and brother's wife, sister, sister-in-law, sister's husband (brother-in-law) in relation to the Partner / Shareholders / Directors / Executives / Office bearers of the Service Provider.

- Declaration of the details of “Near Relative”

If any “Near Relative” are engaged as above (Para 4.1), a declaration to the effect that the said employees of ISRO has no connection/ partnership/share-holding or any other business interest in the Service Provider’s firm shall be certified and provided.

5.0 Period of Work Package Order:

The proposed Work Package Order(s) will be valid for a period of 24 months from commencement of the contract with an option to extend the same for a further period of one year, with the same terms and conditions on mutual consent. The commencement of the contract shall be within one month from the date of placement of work contract.

6.0 Scope of Work :

6.1 The details work content for this “Work Package” is mentioned at Annexure 1 and which includes the scope of work, category of work force and the minimum number required to execute the work.

6.2 The Service Provider shall ensure that the works assigned to them are completed within the prescribed time-limit, under their supervision.

6.3 The Service Provider shall engage required number of persons with relevant qualifications and experience to carry out various activities listed in Annexure 1.

6.4 The Service Provider should have experience in executing the work assigned as explained in Annexure 1

7.0 Working Hours

7.1 Normal Working Hours: Generally the working hours of the centre are from 08.45 hours to 17.15 hours with half an hour lunch break. The Service Provider has to execute the work from Monday to Friday in the normal working hours.

7.2 Extended working hours: Based on the requirement, the Service Provider should be prepared to undertake the work during extended hours as well as on holidays.

7.3 Change in working hours: The Service Provider shall also adhere to any changes made in the present shift timings in the specified area of the Service Receiver and shall follow the said changed timings.

8.0 Legal:

8.1 The Service Provider shall abide by the Law of the land including, CLR Act, EPF,ESI Minimum Wages, TDS Liabilities, Service Tax etc. Service Receiver shall in no way be responsible for any default regarding statutory obligation. The Service Provider has to ensure compliance of the provisions at the time of submission of bill to the Service

Receiver and while making payments to their work force at all times during the currency of the Work Package.

8.2 Compensation Act 1923 -Keeping in view of liability under employees compensation Act, 1923, in case of the occurrence of any Accident during the course of execution of this Contract/ Order/Agreement involving any of the persons engaged by the Contract/agency/firm/company occupied within the premises of the work site specified by LPSC and during the discharge of duties, resulting in:

Death or permanent disability from loss of both limbs (a)

or

In the event of other permanent disability (b)

- The victim/dependant shall be eligible for a compensation of Rs.10 lakhs and Rs.7 lakhs for a & b, respectively. This compensation is applicable irrespective of whether or not there has been any wrongful act, neglect or default and notwithstanding anything contained in any other law. The liability for this shall rest with the Contractors/Agencies/Firms/Companies concerned. Whenever such incident occurs, as per the guidelines of the Department, Department shall make arrangements for disbursing this amount and shall recover the same from the Contractors/Agencies/Firms/ Companies concerned.
 - For this purpose, without limiting any of the other obligations or liabilities, the Contractors/Agencies/Firms/Companies concerned shall at his own expense take a Comprehensive Insurance for his workforce and for all the work during the execution period from any of the Insurance Companies as approved by the Insurance Regulatory & Development Authority of India (IRDA).
 - The Contractors/Agencies/Firms/Companies concerned shall have to furnish originals along with premium receipts and other papers related thereto to the Officer concerned at LPSC within 15 days from the date of placement of Contract/Order/Agreement and work shall commence only thereafter.
- 8.4 The Service Provider shall discharge all the legal obligations in respect of the workforce engaged by them for the execution of the work in respect of their remuneration and Service Conditions and shall also comply with all the rules and regulations and provisions of the law in force that may be applicable to them from time to time. The Service Provider shall indemnify and keep indemnified Service Receiver from any claim, loss or damages that may be caused to it on account of any failure to comply with the obligations under various laws. In case of any dispute, the decision of Service Receiver shall be final and binding on the Service Provider.
- 8.5 The timely payment of remuneration to the workforce, remittance of EPF and ESI shall be the sole responsibility of the Service Provider. For any default with regard to statutory obligation, the Service Provider is solely responsible.
- 8.6 The Service Provider shall also be liable for all Taxes, Levies, Cess etc., on account of service rendered by them to the concerned authorities from time to time as per extant rules and regulations in the manner.

- 8.7 The Service Provider shall completely be responsible to maintain the Attendance, Acquaintance of wages paid, EPF, ESI and Comprehensive Medi-claim policy as the case may be. Government authorities shall have the right to inspect these records at any time and take necessary penal action for non compliance of these provisions, if any.
- 8.8 The Service Provider is fully responsible for timely claiming and disbursing monthly payment of remuneration to their work force engaged in the campus of the Service Receiver, within the time limit prescribed in the relevant Act/Rules.
- 8.9 Payment disbursement shall be made to the Service Provider by the Service Receiver on monthly basis for the actual units of work completed on piece rate and rate thereof and on receipt of the invoice/bill which is duly certified by the Focal Points and approved by Divisional Head/group Head of the Service Receiver/JRT, as the case may be and submitted to the Accounts Officer, LPSC, in the prescribed format together with the following documentary proof.
- i. Proof of payment of remuneration made to the work force for the preceding month duly certified by the Service Provider.
 - ii. Proof of remittance of both Employees and Employer's contribution towards EPF,ESI or Medi-claim Policy, as the case may be, made for the preceding month.
- 8.10 The Service Provider should issue signed wage slip/statement on their letter head to the work-force containing details of remuneration paid, recoveries made etc.
- 8.11 The Service Provider upon being served with the Work Package Order(s) shall engage the work force as per the requirements sought for the Service Receiver for which the Service Provider shall provide the bio-data of their qualified workforce.
- 8.12 **Issue of entry pass:** For arranging entry pass to enter the Service Receiver's premises, the Service Provider should submit the details of their work force to the respective focal point and the same shall contain the following documents. The respective focal point shall scrutinize the same and shall forward it to the Senior Administrative Officer, GAD/P&GA duly approved by their Divisional Head:
- a. Police Clearance Certificate
 - b. ID card issued by the Service Provider
 - c. Any valid Photo Id card issued by any Government Agency and
 - d. Two copies of Stamp size photographs.
- i. Police Clearance Certificate
It is the responsibility of the Service Provider to arrange the character and antecedents of the work force engaged for duty. The Service Provider shall engage the work force who is not having any criminal background. The character and antecedents shall be got verified through record check by Service Provider at their own cost from the concern Police authorities (Police Clearance Certificate) and submit the original report.
 - ii. Identity Card to be issued by the Service Provider

The Service Provider shall issue tamper proof necessary Identity Card in their firm's/society's/agency's /company's logo to the work force deployed by them to Service Receiver.

- 8.13 The Service Provider shall submit to the respective Paying authority of the Service Receiver, the detail of the monthly remuneration in the form of a pay slip made by them to their workforce including the deduction, by 10th of the following month.
- 8.14 Incase, the Service Provider fails to comply with any statutory/taxation liability under the appropriate law and as a result, if Service Receiver is put under any loss/obligation, monetary or otherwise, Service Receiver will be entitled to get itself reimbursed either out of the outstanding bills against any of the Work Package Order(s) or from the Security Deposit to the extent of the loss or obligation in monetary terms.
- 8.15 The Service Provider shall be bound by the details furnished by them to the Service Receiver while submitting the tender or at any subsequent stages. In case, any of the documents furnished by them is found to be false at any stage, it would be deemed to be a breach of the Terms and conditions of the Work Package Order(s) making the Service Provider liable for legal action besides termination of Work Package Order(s) and forfeiture of Security deposit.
- 8.16 The Service Provider shall be solely responsible for the redressal of grievances/resolution of disputes relating to the work-force engaged by them. Service Receiver shall in no way be responsible for the settlement of such disputes. Service Provider should maintain a record of grievance received from the work force and action taken for settlement.
- 8.17 For all intents and purposes, the Service Provider shall be the “Employer: within the meaning of different Labour Legislations in respect of the work force engaged by the Service Provider by Service Receiver’s site. The work force engaged by the Service Provider to the Service Receiver shall not have any claim whatsoever of “Master and Servant” relationship nor have any “Principal and agent” relationship with or the Service Receiver for the said services.
- 8.18 The Service Provider upon being served with the Work Package Order(s) by the Service Receiver shall obtain all necessary labour license from the Labour Department and all the license shall be valid till the currency of the Work Package Order(s) and shall be extended whenever required.
- 8.19 Any other terms, conditions or clauses not covered in this document shall be in accordance with other statutory rules/acts applicable to DOS/ISRO.
- 8.20 In case of termination of the Work Package Order(s) on its expiry or otherwise, the work-force engaged by the Service Provider shall not be entitled to and shall have no claim whatsoever for any kind of employment in the Service Receiver’s

establishment and shall be made known by the Service Provider to their work force before being engaged.

- 8.21 The status of the Service Provider shall be that of an independent Service Provider. The Service Provider and its work force performing under this Work Package shall not be the employees of Service Receiver. Neither the Service Provider nor its work force shall be considered as employees of Service Receiver. Such work force has no right for subsequent regularization.
- 8.22 The Service Provider shall not assign, transfer or convey in whole or part, this work/Work Package Order(s) to anyone. The Service Provider shall also not delegate any of its obligations or duties under this Work Package Order(s) to anyone. The Service Provider shall not assign, pledge or collateral, grant a security interest in, create a lien against or otherwise encumber any payments that may or will be made to the Service Provider under this Work Package Order(s).
- 8.23 The Service Provider shall be bound to accept all instructions/directions issued by the focal point or any other person duly authorized by them relating to the execution of the Work Package Order(s).
- 8.24 The Service Provider shall maintain a register for the execution of the work and get endorsement of the same from the focal point of the Service Receiver for having completed the work satisfactorily.
- 8.25 The details of work handled by the work force, Supervisor and establishment should be kept secret and should not be divulged to any person or outside agencies. An undertaking in this regard shall be mandatorily provided by the Service Provider as specified in Annexure B.
- 8.26 The Service Receiver reserves the right to reject any of the work-force engaged by the Service Provider, if the present or activity of such work force is detrimental to the interest or discipline or security of the Service Receiver.
- 8.27 The work force once engaged for the Service shall not be changed without the prior concurrence of the Focal Point of the Service Receiver. It is the responsibility of the Service Provider to replace/substitute suitable personnel, in case of discontinuation/termination of the service personnel.
- 8.28 The Government of India has enacted the Micro, Small and Medium Enterprises Development (MSMED) Act 2006 and the preferences that are extendable to the MSME units including women and SC/ST Entrepreneur's as issued by the Government of India from time to time and wherever feasible, will be applicable for this RFP. In order to avail of the benefits extended by the Government of India to Micro and Small enterprises, Service Providers are requested to submit entrepreneur Memorandum Part II duly signed by the General Manager, District Industries Centre or NISC Registration. Udhog Aadhar, Udhyaam details.

9.0 Financial

- 9.1 Service Receiver shall pay the rates agreed upon to the Service Provider on monthly basis on completion of the assigned work units mentioned in the Work Package Order.
- 9.2 The rate(s) mentioned in the Work Package Order(s) shall be firm and fixed during the currency of the Order/Contract.
- 9.3 The Service Provider shall ensure that the remuneration paid to workforce engaged shall not be less than the Minimum Wages fixed by the Ministry of Labour and Employment, Government of India/State Government whichever is beneficial to the workforce engaged.
- 9.4 It may specifically be noted that the bids quoted with unreasonably low prices to undercut or predatory pricing with an intention to obtain the Work Package Order(s) are liable to be rejected by Service Receiver in order to ensure quality.
- 9.5 In case of breach of any conditions under the Work Package Order(s), the Security Deposit shall be liable to be forfeited by the Service Receiver. In addition, the Work Package Order(s) is also liable to be terminated and any amount due to the Service Provider from the Service Receiver is also liable to be appropriated.
- 9.6 In case of partnership firm “power of attorney” should be signed by one person on behalf of others. Any breach of these conditions by the Service Provider in relation to the bidding firm, the tender/Work Package order(s) will be cancelled and security deposit will be forfeited at any stage whenever it is so noticed. The Service Receiver will not pay any damages to the Service Provider. The Service Provider will also be debarred from further participation in the concerned unit of the Service Receiver.

10.0 Submission of Bills and Payment:

- 10.1 The Service Provider’s bill shall be submitted before 3rd(third) of every month with due certification from the LPSC focal point and approved by GD/Entity Chief to the respective Paying Authority with the following components:
- 10.2 Income Tax or any other Tax/Taxes/Fees/Cess/Levy(ies) as applicable and payable by the Service Provider as per rules will be recovered from the monthly bills payable to the Service Provider.
- 10.3 In case the Service Receiver is made liable to pay any statutory liability arising due to the default of the Service Provider in relation to the Work Package Order(s),the Service Receiver shall be entitled to deduct/recover the same from the payment against the Work Package Order(s) due to the Service Provider.

11.0 Safety and Security:

- 11.1 The Service Receiver's premises being a High Security Area, the workforce engaged for the work by the Service Provider, will be required to follow the security requirements such as possessing a valid Entry Pass issued by the Service Receiver and ID Card issued by the Service Provider while entering the campus, maintaining high order of discipline while on duty. It should be ensured by the Service Provider that only Indian nationals between the age of above 18 years and up-to 60 years are included in the workforce and they should not have any criminal back ground. Individual Character and Antecedents (Police Clearance Certificate) in respect of the workforce are to be submitted for issue of Entry Pass.
- 11.2 The Service Provider shall take all safety precautions required for the execution of the work. They shall be responsible for any loss or damages caused to Service Receiver's Property/Personnel due to negligence of the workforce and shall make good the losses by the Service Provider at their own cost, failing which cost thereof, shall be recovered from the outstanding/running bills/Security Deposit of the Service Provider.
- 11.3 The Service Receiver shall not be responsible for any damages, losses, claims, financial or other injury to any of the work force engaged by the Service Provider in the course of performing the functions/duties, or for payment towards any compensation. The work force shall adequately be insured by the Service Provider against accidents including loss of life.
- 11.4 The Service Provider shall solely be responsible for any theft, pilferage or misbehaviour committed by any of the workforce while carrying out the Service(s) and the Service Receiver reserves the right to forfeit the Security Deposit/Running bills/ any outstanding payment to the Service Provider.
- 11.5 In case, the workforce engaged by the Service Provider commits any act of omission/commission that amounts to misconduct/indiscipline/incompetence, the Service Provider shall forthwith remove the workforce, in addition, shall take appropriate disciplinary action against such persons under intimation to the Focal Point. The Service Provider shall replace immediately any of its workforce who is/are found unacceptable because of security risks, incompetence, conflict of interest, improper conduct etc. upon receiving written notice from Service Receiver.
- 11.6 The workforce engaged by the Service Provider at the Service Receiver's campus shall not carry any Technical/Electronic Gadgets inside the Service Receiver's Campus and shall follow all security and safety norms as prescribed by the Service Receiver, from time to time.
- 11.7 The Service Provider shall ensure that the work force engaged by them are disciplined and do not participate in any acts prejudicial to the interest of the Service Receiver.

11.8 The Service Provider shall solely be responsible for the redressal of grievances/dispute relating to work force engaged.

11.9 The workforce engaged by the Service Provider at Service Receiver's campus shall wear uniform dress while they are at work and the colour of the said uniform shall be decided by the Service Provider in consultation with the Service Receiver.

12.0 Joint and several liability

If the Service Provider is a joint entity, consisting of more than one, partnership, corporation or other business organization, all such entities shall be jointly and severally liable for carrying out the activities and obligations of this Work Package and for any default of activities and obligations.

12.1 Severability:

If any provision of this Work Package Order(s) is determined by a Court of competent jurisdiction to be invalid or unenforceable, such determination shall not affect the validity or enforceability of any other part or provision of this Work Package Order(s).

12.2 Immunity from liability:

Every person who is a party to the Work Package Order(s) is hereby notified and agrees that the State, LPSC and all its employees, agents, successors and assigns are immune from liability and suit for or from Service Provider's activities involving third parties and arising from the Work Package.

13.0 Transportation of the work force to LPSC and back shall be the responsibility of the Service Provider.

14.0 Intellectual Property:

The Service Provider agrees that they should not use the Name/logos of the Service Receiver in any manner, including commercial advertising or as a business reference, including ID cards without the approval of the Service Receiver. Any violation will result in cancellation of the Work Package Order(s) including forfeiture of Security Deposit.

15.0 Down Time Compensation:

15.1 In case Service Provider fails to complete the required work units specified/month by the focal point, down time compensation @ 0.5% of cost of the non-completed work units will be recovered per week. The quantum of Down Time Compensation to be recovered will be decided by the Service Receiver after assessing the quantum of work units not completed and the decision will be final and binding on the Service Provider.

15.2 The Service Provider is responsible to complete the assigned work as specified in the Work Package Order(s) and as required by the Service Receiver and in case of absence of the work force, the successful Service Provider should provide suitable replacement and for this purpose to ensure timely completion and the Service Provider shall keep a panel of work force whose character and antecedents are verified.

16.0 Termination and Short Closing of Contract:

- 16.1 Under the normal circumstances, termination/short closing of the Work Package is not foreseen. However, in case of repeated non-performance of the Work Package, owing to deficiency of service, breach of order conditions or cessation of the requirement, the Service Receiver reserves the right to terminate the Work Package Order(s) wholly or partially by giving a prior notice of not less than 30 days, without any obligation on its side.
- 16.2.0 The Work Package Order(s) is liable to be terminated without notice and the security deposit under the Work Package Order(s) shall be liable to be forfeited in the following circumstances.
- 16.2.1 For the breach of any term, condition or provision of this Work Package Order(s) by Service Provider.
- 16.2.2 In case the Service Provider provides any statement, representation or certification and the same is found false, deceptive or incorrect or incomplete.
- 16.2.3 The Service Provider or any of its work force and agents commits or has committed or engages/engaged in fraud, misappropriation, embezzlement, malfeasance or misfeasance.
- 16.2.4 If the Service Provider terminates or suspends his business without giving prescribed notice.
- 16.2.5 The Service Provider's license or certification is suspended, terminated, revoked or forfeited.
- 16.2.6 If the Service Provider failed to comply with any applicable Law of the land.
- 16.2.7 In the event of sustenance of loss by the Service Receiver due to the premature termination of Work Package Order(s) by the Service Provider, the same shall be recovered from the security deposit.

17.0 Security Deposit

The Service Provider shall guarantee faithful execution of the Work Package Order(s) in accordance with the terms and conditions specified. As a performance security, the Service Provider shall furnish security deposit for 10% of total Work Package Order value apportioned for one year in the form of Demand Draft, Fixed Deposit Receipt, Banker's Cheques or Bank Guarantee issued by a Nationalised/scheduled bank as approved by the Reserve Bank of India and shall be valid beyond 2 months from the date of completion of the Contract. In the case of Fixed Deposit Receipt, it should be endorsed in favour of Accounts Officer, LPSC. The Security Deposit shall not carry any interest and shall be returned by the Service Receiver on completion of all the contractual obligations. The security deposit has to be executed within 30 days after the receipt of Work Package Order(s) as per the prescribed format. No extension of the date for submission of the Security Deposit will be entertained by the Service Receiver and failure to submit in time will result in cancellation of the Work Package Order(s).

18.0 Parallel/ Adhoc/Split Work Package Order(s)

Service Receiver reserves the right to enter in to parallel/ad-hoc Work Package with one or more Service Provider in order to facilitate deployment of work force during the currency of the Work Package for availing the same or similar services. The Service Receiver reserves the right to split the Work Package Order(s), if needed, to one or more Service Provider either equally or in any other ratio, and the Service Provider shall accept such split Work Package Order(s) at the L1 rates.

19.0 Volume of Work:

The requirement of workforce purely depends upon the activities of Service Receiver of the Work Package. The mere mention of the number of work force against this Work Package does not by itself confers any right on the Service Provider to demand that work relating to or any item thereof, should necessarily or exclusively be entrusted to the Service Provider. The Service Receiver reserves the option for allocation of work force to meet the works to be carried out and the Service Provider shall not have any right in this regard. No guarantee can be give as to the define volume of work which will be entrusted to the Service Provider at any time or during the period of the Work Package Order(s).

20.0 Force Majeure Clause:

In case, completion of job is delayed by any circumstances such as acts of god, sabotages, civil commotion, riots, insurrections, revolutions, earthquake, fire, flood or other natural events beyond the control of the Service Provider, which makes his workforce unable to complete the tasks assigned to them in time, then the Service Provider shall give notice within 15 days to the Service Receiver in writing of his claim for an extension of time. The Service Receiver on receipt of such notice after verification if necessary may agree to extend the period of Work Package as may be reasonable without prejudice to other terms and conditions of Work Package Order(s).

21.0 Applicable law, Jurisdiction and Arbitration:

The contract shall be interpreted, construed and governed by the laws in India. In the event of any dispute/s, difference/s or claim/s arising out of or relating of the interpretation and application of the Work Package Order(s)(s), such dispute/s of difference/s or claim/s shall be settled amicably by mutual consultations of the good office of the respective parties and recognizing their mutual interests attempt to reach solution satisfactory to both the parties. If such a resolution is not possible, within 30 days from the date of receipt of written notice of the existence of such dispute/s, then the unresolved dispute/s or difference/s or claim/s shall be referred to the Sole Arbitrator appointed by the parties by mutual consent in accordance with the rules and procedures of Arbitration and Conciliation Act 1996 as amended from time to time. The arbitration shall be conducted in Bengaluru in the Arbitration and Conciliation centre - Bengaluru (Domestic and International) as per its rules and regulations. The expenses for the arbitration shall be shared equally or as may be

determined by the Arbitrator. The considered and written decision of the Arbitrator shall be final and binding between the parties. The applicable language for Arbitration shall be “English” only.

Work under Work Package Order(s) shall be continued by the Service Provider during the pendency of arbitration proceedings, without prejudice to a final award in accordance with the decision of the Arbitrator unless otherwise directed in writing by the Service Receiver or unless the matter is such the works cannot be possibly continued until the decision (whether final or interim) of the Arbitrator is obtained.

22.0 Submission of Forged documents

If any of the Service Provider submits any forged or false documents along with their tender/Bid, such Tender/Bids will be summarily rejected and such Service Providers will be blacklisted for all future tenders/bids.

23.0 Compliance Statement

The Service Provider shall mandatorily submit the compliance statement as at Annexure along with their tender/bid failing which the said tender/bid will not be evaluated.

24.0 EVALUATION OF OFFERS:

Service providers will be qualified based on the following criteria.

- i. The compliance of all the pre-requisites
- ii. Experience/expertise in execution of work and the ability to provide employees of required qualification & expertise to carryout various technical activities as demanded in Work package.
- iii. Complying with all the Terms and Conditions.

In the absence of non-availability of any of the documents sought for, offer will NOT be considered by the Service Receiver.

25.0 Offer Validity

The offer/bid submitted by the Service Provider shall be valid for a minimum period of One hundred and twenty days (120 days) from the date of opening of the Bids/Tenders.

26.0 Pre Bid discussion

There shall be a mandatory pre-bid discussion for this RFP, before submission of your offer/bid. The date, time and place of the Pre-bid discussion/ link for the web meeting will be communicated to you. Participation in the pre-bid discussion is compulsory/mandatory. The offers/bids of those Service Providers who participate in the pre-bid discussion only will be considered for further evaluation. After attending the pre-bid discussion, the Service Provider shall submit a written consent conveying that they have understood all the terms and conditions and the quantum of work.

27.0 JOINT REVIEW TEAM (JRT)

A Joint Review Team (JRT) shall be formed by Service Receiver (with representatives from Service Receiver& SERVICE PROVIDER) to review the progress and clearing the bills submitted by the Service Provider.

DETAILS OF THE SERVICE PROVIDER'S ESTABLISHMENT
(To be provided by the Service Provider with offer)

1	Name of the Service Provider	
2 (a)	Full postal address of the Service Provider	
2(b)	Telephone No.	
2 (c)	Mobile No. (Mandatory)	
2(d)	Fax. No.	
2(e)	E-mail id (mandatory)	
3.	Full Postal Address of operating branch office, if any	
3 (a)	Telephone No.	
3(b)	Mobile No. (Mandatory)	
3 (c)	Fax. No.	
3(d)	E-mail id (mandatory)	
4	Indicate the Organizational status of the Service Provider	1. Society 2. JV Firm 3. Partnership 4. Private Limited Co. 5. Public Limited Co. 6. PSU/PSE 7. Others (please indicate) (Please tick anyone of the above which is applicable)
5.	Act/Rule under which the Service Provider is registered	
6	Registration No. & Date of Registration	
7	Name of the Proprietor/ Manager/ President/Secretary/ Chief Executive with address and contact phone No.	
8	Name of Partners/Shareholders(of privately owned)/Director/ Executives/ Officers of the Service Provider (if required attach additional sheet)	
9	Whether any near relative of the proprietor/Office bearers is/ are working in LPSC/VSSC/IISU, if so details (Please see Para 4.1 of the tender document and fill in Annexure D)	
10	Copy of the Bye-law/Establishment registration Certificate issued by any Governmental Agency	
11	Labour Department Registration No.	
12	EPF Registration No.	
13	ESI Registration No.	
14	PAN No.	
15	Goods & Service Tax Registration No.	

16	Bank Account Details of Service Provider	Banker's Name	
		Banker's Address	
		Bank Account No.	
		IFSC Code	
		PFMS No. (if available)	
17	Whether the Service Provider undertakes any contractual work at any establishments in Thiruvananthapuram other than LPSC/VSSC/IISU. If so, give the details		

Note: 1. If any of the above columns are kept unfilled and not supported by documentary proof, such offer will be summarily rejected by the Service Receiver.

DECLARATION

I/We hereby declare that the information furnished above are true and correct to the best of my/our knowledge and belief.

Date: _____ (Signature of Authorised Signatory with Seal)

Place: _____ Name if full: _____

DECLARATION BY THE SERVICE PROVIDER
(To be provided by the Service Provider with offer
on the letter head of the Service Provider)

1. I/We, _____
Son/Daughter/Wife/Husband of Shri./Smt. _____
_____ (Proprietor/Partner/Director/Authorised Signatory of
the firm), I am competent to sign the declaration and execute this offer.
2. I/We have carefully read and understood all the enclosed terms and conditions and
undertake to abide by the same.
3. The details of work handled by our work force, Supervisor and establishment should be
kept secret and should not be divulged to any person or outside agencies.
4. The information/documents furnished along with the above application are true and
authentic to the best of my knowledge and belief. I/We am/are well aware of the fact
that furnishing of any false information/fabricated document would lead to rejection
of our offer at any stage besides liabilities towards prosecution under appropriate law.

Date: _____ (Signature of Authorised Signatory with Seal)

Place: _____ Name if full:

DECLARATION BY THE SERVICE PROVIDER REGARDING COURT CASES
 (To be provided by the Service Provider with offer
 on the letter head of the Service Provider)

I/We, hereby undertake that our establishment do not have any legal suit/criminal case either pending against me/us/partner(s)/proprietor or any of our Directors in the case of company) or being contemplated and have not been earlier convicted on the grounds of moral turpitude or for violation of laws in force.

OR

I/We hereby undertake that our establishment is having the following legal suit/criminal case pending against me/us/proprietor/ partner(s)/Directors in the case of company),of which the details are furnished below:

Sl.No.	Case Number and the details of the Honorable Court	Nature of the Case	Name of the parties involved
1.			
2.			
3.			

Note: Strike out whichever is not applicable.

Date: _____ (Signature of Authorised Signatory with Seal)

Place: _____ Name if full:

PROFORMA FOR NEAR RELATIVE(S) CERTIFICATE*

I, _____
 S/o or D/o Shri./Smt. _____ on behalf of
 _____ hereby certify that

- a. None of my relatives are working in VSSC/IISU/LPSC.
- b. Following relative(s) are defined in Clause 4.1 of the Tender Terms and conditions for work package is/are employed in LPSC/VSSC/IISU.

Sl.No.	Name of the person, Designation, Staff Code No., Organisation

- c. It is also certified that the employee/(s) as above of ISRO has/have no connection/partnership/share-holding or any other business interest in the Service Provider's firm.

In case at any stage, it is found that the information given by me/us is false/correct, the Department/ISRO shall have the absolute right to take any action as deemed fit, without any prior intimation to me/us.

(Signature of Authorised Signatory
 Of the Service Provider/Service Provider with Seal)

Date:

Place:

Name if full:

COMPLIANCE STATEMENT
(to be provided by the Service Provider with offer)

Sl.No.	Conditions in tender Requirements	Compliance Yes/No	Explanation Comments	Details of relevant documents attached
1.	The details of Service Provider's establishment in their letter head (Annexure A of Tender document)			
2.	Declaration Form (Annexure B of Tender document)			
3.	Declaration with respect to Court cases, if any pending or being contemplated against the Service Provider (Annexure C to Tender document)			
4.	A declaration inline with "Near Relative" Certificate as at Para 4.1 (Annexure D to Tender document)			
5.	Valid Registration Certificate of Service Provider's Establishment issued by any Governmental Agency			
6.	Details of experienced employee with adequate qualification/experience			
7.	The Bye-law/Registration Certificate issued by any Government Agency of such establishment of the Service Provider permitting the permit undertaking of the assigned work			
8.	Labour Department Registration			
9.	EPF organization Registration			
10.	ESI Corporation Registration			
11.	Bank Account Details			
12.	Copy of PAN card			
13.	Copy of the goods and service tax registration certificate			
14.	Acceptance of clauses from 3 to 25 in the RFP.			

Date:

(Signature of Authorised Signatory with Seal)

Place:

Name if full: