भारत सरकार/GOVERNMENT OF INDIA अंतरिक्ष विभाग/DEPARTMENT OF SPACE

विक्रम साराभाई अंतरिक्ष केंद्र/VIKRAM SARABHAI SPACE CENTRE तिरुवनंतपुरम/THIRUVANANTHAPURAM – 695 022

विज्ञा. सं. वीएसएससी/पी/विज्ञा./298/2019 दि. DT. 06.03.2020 ADVT. NO. VSSC/P/ADVT/298/2019 DT. 06.03.2020

भारत के राष्ट्रपति के लिए तथा उनकी ओर से वरिष्ठ प्रधान, क्रय एवं भंडार, विक्रम साराभाई अंतरिक्ष केंद्र (वीएसएससी), तिरुवनंतपुरम, निम्नलिखित के लिए मोहरबंद निविदाएं (क्रम सं. 1 के लिए) तथा, ई-प्रापण के ज़रिए निविदाएं (क्रम सं. 2 से 11 तक) आमंत्रित करता है।

For & on behalf of the President of India, the Sr. Head Purchase & Stores, Vikram Sarabhai Space Centre (VSSC), Thiruvananthapuram invites Sealed Tender (for SI. No. 1) & Tenders through e-procurement (for SI. No. 2 to 11) for the following:-

क्रम सं.	निविदा सं.	वर्णन / Description	मात्रा	निविदा
SI. No	Tender No.		Qty.	शुल्क
				Tender Fee
	4553-2019-6563-01	डिफरेन्शियल स्कैनिंग कैलरीमीटर	1 सं. / No.	
	[दो भाग / TWO PART]	तथा उसके उपसाधनों की आपूर्ति,		
	:	संस्थापन, कमीशनिंग तथा प्रशिक्षण		হ. 560/-
01.		Supply, Installation, Commissioning and Training of Differential Scanning Calorimeter and its Accessories		V. 0001
ļ	नोट:- विनिर्देशन तथा विस्तृत निबंध	न एवं शर्तें निविदा दस्तावेज़ के अनुसार		
 	Note:- Specification and det	ailed terms & conditions as per Ter	nder docume	nt
	VSSC/ADMNAUX/2020E	द्रवदाब विद्युत आधारित अस्थिर दाब		
	1968001	संवेदक	46 सं./No.	
	[एकल भाग / SINGLE PART]	Piezo electric based Unsteady	10 (1.7110)	
02.		Pressure Sensors		
02.		द्रवदाब वियुत आधारित त्रिअक्षीय	t to	
		त्वरणमापी	6 सं./No.	लागू
		Piezo electric based triaxial	0 (1,71(0)	नहीं /
	VSSC/ADMNAUX/2020E	accelerometers द्रवदाब प्रतिरोधी आधारित अस्थिर	40 सं./No.	NA
	1969501			
03.	[एकल भाग / SINGLE PART]	दाब संवेदक		
		Piezo resistive based Unsteady Pressure Sensors	±	
	VSSC/ADMNAUX/2020E	समाक्ष तापवैद्युत युग्मों का संविरचन	500 सं. / No.	
04.	1969801	Fabrication of Co-axial		
	[दो भाग / TWO PART]	Thermocouple		

05.	VSSC/ADMNAUX/2020E 1988801 [दो भाग / TWO PART]	प्रति कार्य आधार पर टी व एम उपकरणों के ब्रेक डाउन अनुरक्षण के लिए दर नियतन Fixation of Rate for Break Down Maintenance of T&M Equipments on per job basis	2 वर्ष/years 34 MT (2	
06.	VSSC/ADMNAUX/2020E 1996701 [एकल भाग / SINGLE PART]	एलपीजी की आपूर्ति Supply of LPG	टैंकर / tanker)	
07.	VSSC/AVN-PUR/2019E 1839501 [एकल भाग / SINGLE PART]	स्वचालित फिल्टर परिवर्तन के साथ ऐरोसॉल प्रतिदर्शित्र Aerosol Sampler with automatic filter change	1 सं./No.	लागू
08.	VSSC/PRSOPURCH/2020E 1939901 [दो भाग / TWO PART]	एपीईपी, आलुवा में पीएलसी एवं एससीएडीए प्रणाली की आपूर्ति, संस्थापन तथा कमीशनिंग Supply, Installation and Commissioning of PLC & SCADA System at APEP, Aluva	1 ਕੀੱਟ∕Lot	ू नहीं / NA
09.	VSSC/MMEPUR/2020E 1935101 [दो भाग / TWO PART]	यंत्रीकृत चार्पी संघट्ट परीक्षण मशीन Instrumented Charpy Impact Testing Machine	1 सं. / No.	
10.	VSSC/MMEPUR/2020E 1948101 [दो भाग / TWO PART]	सीएनसी लेथ की आपूर्ति, संस्थापन तथा कमीशनिंग Supply, Installation and Commission of CNC Lathe	1 सं. / No.	
11.	VSSC/MVITPUR/2020E 1938101 [दो भाग / TWO PART]	सुदूर बैंड सह लोडिं प्रणाली Remote Band Proof Loading System	1 सं./No.	

निविदा प्रारूप जारी करने की अंतिम तिथि	
Last Date for issue of Tender Forms	
(क्रम सं. / Sl. No. 1)	13/04/2020 up to 16:00 Hrs.
निविदा प्राप् करने की अंतिम तिथि /	
Due Date for Receipt of Tender	14/04/2020 up to 16:00 Hrs.
(क्रम सं. / Sl. No. 1)	21,01,2020 ap to 2010 1220
निविदा खोलने की तिथि / Tender Opening Date	
(क्रम सं. / Sl. No. 1)	15/04/2020 at 10:00 Hrs.

SI.	निविदा प्रारूपों को डाउनलोड	बोली प्रस्तुत करने की समय-	बोली खोलने की तिथि
No.	करने की समय-सीमा / Time	सीमा / Time limit for	Bid Opening date
	limit for download of Tender Forms	!	
02.	Upto 31.03.2020 [17:00 Hrs.]	Upto 31.03.2020 [17:30 Hrs.]	05.04.2020 [17:01 Hrs.]
03.	Upto 30.03.2020 [17:15 Hrs.]	Upto 30.03.2020 [17:30 Hrs.]	02.04.2020 [15:15 Hrs.]

04.	Upto 26.03.2020 [14:00 Hrs.]	Upto 26.03.2020 [14:00 Hrs.]	30.03.2020 [10:05 Hrs.]
05.	Upto 19.03.2020 [14:00 Hrs.]	Upto 19.03.2020 [14:00 Hrs.]	23.03.2020 [14:00 Hrs.]
06.	Upto 27.03.2020 [14:00 Hrs.]	Upto 27.03.2020 [14:00 Hrs.]	30.03.2020 [10:05 Hrs.]
07.	Upto 23.04.2020 [14:00 Hrs.]	Upto 23.04.2020 [14:00 Hrs.]	05.05.2020 [14:05 Hrs.]
08.	Upto 23.03.2020 [14:00 Hrs.]	Upto 23.03.2020 [14:00 Hrs.]	26.03.2020 [11:01 Hrs.]
09.	Upto 23.03.2020 [14:00 Hrs.]	Upto 23.03.2020 [14:00 Hrs.]	27.03.2020 [10:01 Hrs.]
10.	Upto 24.03.2020 [14:00 Hrs.]	Upto 24.03.2020 [14:00 Hrs.]	27.03.2020 [11:01 Hrs.]
11.	Upto 30.03.2020 [17:00 Hrs.]	Upto 30.03.2020 [17:00 Hrs.]	03.04.2020 [10:10 Hrs.]

विवरण ई-प्रापण पोर्टल <u>http://eprocure.isro.gov.in</u> पर उपलब्ध है। Details are available on ISRO e-procurement portal <u>http://eprocure.isro.gov.in</u>.

शुद्धिपत्र, यदि कोई हो तो, हमारे वेबसाइट <u>www.vssc.gov.in</u> / <u>www.isro.gov.in</u> में मात्र प्रकाशित किया जाएगा।
Corrigendum, if any will be published in our websites: <u>www.vssc.gov.in</u> / www.isro.gov.in only.

हस्ताक्षरित/Sd/-वरि. प्रधान, क्रय एवं भंडार / Sr. Head, Purchase & Stores

- 1. Full details and specification of the item and general instructions to be followed regarding submission of tender is indicated in the tender document.
- 2. Tender Documents can be downloaded from our websites and also be obtained from the following address on request and submission of tender fee:
 - For Sl. No. 1: Purchase & Stores Officer, CMSE Purchase, Vattiyoorkavu PO, Thiruvananthapuram 695 013, Ph: 0471-256 9290 / 9289.
 - While requesting for Tender Documents please indicate on the envelope as "Request for Tender Documents- Tender No............ dt..................".
- 3. Tender Fee (Rs. 560/-) shall be paid in the form of CROSSED DEMAND DRAFT ONLY. Other mode of payment is not acceptable. The Demand Draft should be in favour of: Accounts Officer, CMSE Accounts (For Sl. No. 1) payable at State Bank of India, Nettayam Branch, Thiruvananthapuram [The tender fee is NON-REFUNDABLE].
 - Government Departments, PSUs (both Central and State), Small Scale Industries units borne in the list of NSIC and foreign sources are exempted from submission of tender fee. Those who are coming under the above category should submit documentary evidence for the same.
- 4. While submitting your offer, the envelope shall be clearly superscribed with Tender No. and Due Date and to be sent to the following address.
 - For Sl. No. 1: Purchase & Stores Officer, CMSE Purchase, Vattiyoorkavu PO, Thiruvananthapuram 695 013, Ph: 0471-256 9290 / 9289.
- 5. Quotations received after the Due Date/Time will not be considered.
- 6. VSSC, Thiruvananthapuram is not responsible for any postal delay/loss of documents in transit.
- 7. Sr. Head, Purchase & Stores, VSSC, Thiruvananthapuram reserves the right to accept or reject any/or all the tenders in part or full without assigning any reasons thereof.

GOVERNMENT OF INDIA DEPARTMENT OF SPACE VIKRAM SARABHAI SPACE CENTRE CMSE PURCHASE, VATTIYOORKAVU PO THIRUVANANTHAPURAM 695013 KERALA, INDIA

Ph No: 0471-2569290/2569289

Date:

Fax 0471-2569236

Email: pso_cmse_pur@vssc.gov.in

INVITATION TO TENDER

Our Ref No: 4553

2019-006563-01

Tender Due:

Hrs ISTon

Dear Sirs,

M/s

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

the terms & conditions mentioned in Annexure(Form No:

DOS:PM:22

S.No. Description of Items with Specifications Unit Quantity

1 Supply, Installation, Commissioning & Training of Differential Scanning Calorimeter and its Accessories. Specification and all other conditions as per Annexure.

DELIVERY AT:

CMSE STORES

MODE OF DESPATCH

ON SITE

DUTY EXEMPTIONS

AS PER ANNEXURE

SPECIAL INSTRUCTIONS ENCLOSED.

SPECIFIC TERMS

DOS:PM:22

INSTRUCTIONS TO TENDERERS:

PUBLIC TENDER - TWO PART (Special conditions attached).

- 1. Quotation should be submitted in sealed envelop. Email/fax quotation will not be considered.
- 2. You are requested to confirm your strict and full adherence all the special conditions mentioned above.
- 3. You may clearly specify any export license is required & whether the item can be supplied on High Seas Sale basis or rupee payment in the TECHNICAL BID ITSELF WITHOUT MENTIONING THE PRICE

Technical Specification of Differential Scanning Calorimeter

1.0	Scope of supply
	Supply, Installation, Commissioning, and Training of Differential Scanning Calorimeter and its necessary accessories at VSSC (Purchaser), Vattiyoorkavu, Thiruvananthapuram, India with the following specifications/features,
2.0	Technical Specification
2.1	Principle of operation: Heat Flux type
2.2	DSC full temperature range: RT to 1500°C
2.3	Furnace: Metallic furnace like Platinum, tungsten and Rhodium capable of withstanding high temperature upto 1500°C
2.4	Temperature Accuracy: ±1°C or better
2.5	Specific heat (Cp) Accuracy: <u>+</u> 3% or better
2.6	Enthalpy Accuracy/ Precision: upto 3% or better
2.7	Cp measuring range (J/gK): upto 5J/gK
2.8	Heating/Cooling rate: 0.1 to 200° C/minute
2.9	Gas Flow & Gas switching: Equipment should have Mass flow controller(MFC) for gases (Argon, Nitrogen and Air) with gas switching provision.
2.10	Gas Atmosphere: Inert, oxidizing, static and dynamic operation
2.11	DSC sensor/Thermocouple type: Thermocouples suitable for operating range with the required accuracy. It should be chemical resistant, corrosion resistant, exchangeable type heat flow measurement.
2.12	Data acquisition/processing system: Windows based software should enable automatic/manual on-line data acquisition and display of running measurements, Calibration. The multitasking software should facilitate storage of both raw DSC data as well as deconvoluted data in the form of standard DSC curves. The software should have the facility of choosing different baseline e.g line, tangential, horizontal, spline, Integral tangential, polygon line etc for correct evaluation/integration of peaks. Options for Baseline correction, Data smoothening, Plot expansion, Curve overlay unlimited, Font selection etc. should be provided. Storage of results in tabular form (ASCII format) should be facilitated. Data acquisition system should have interface with the PC provided as accessory.

2.13	Data analysis: Software for the analysis or evaluation of following parameters to be provided. 1. Glass transition temperature 2. Melting transitions 3. Specific heat 4. Kinetic study 5. Purity analysis Any upgradation in software mentioned in SI. No: 2.12 and 2.13 should be taken care of by the supplier.
2.14	Certified Standards for temperature, specific heat and enthalpy calibration. The certified calibration standards to be tested in presence of VSSC personal during installation.
2.15	Water cooler/chiller/any other accessory required for the smooth functioning of the equipment should be quoted.
2.16	Warranty: 3 years
3.0	Accessories
3.1	Accessory for specimen preparation – Sample preparation set for high temperature range and sample press/Crucible Sealing Press for Aluminium crucibles
3.2	Alumina crucibles with lids – 10 Nos, Platinum/Rhodium crucibles with lids – 5 Nos
3.3	Thermocouple for measuring temperature in the range of 30 to 1500°C – 5 Nos
3.4	Aluminium Sample pans with lid for 1000 analysis
3.5	Certified Standards for temperature, heat capacity and enthalpy calibration in low and high temperature range
3.6	Software for Kinetic analysis
3.7	UPS: RIELLO/APC/APLAB/GE make, 5KVA, Single phase output, online, industrial grade with 1 hour back up
3.8	PC (Branded PC, i7 processor, windows 10, 23inch monitor), compatible with instrument and software and HP Colour Laser Printer
3.9	Gas cylinders and regulators for the operation of the equipment with their certificate of purity. Purity of the gases should be 99.999%.
3.10	Evacuation devices including vacuum pump to evacuate the system down to 10 ⁻⁴ mbar or better.

4.0	Offer requirements
4.1	Quotation shall be in two parts - Technical cum commercial bids
4.2	Measurement technology, accuracy, error and environmental compensation systems, controller system, safety provisions, essential accessories, etc. along with figures/drawings, relevant catalogues, photographs, brochures etc to be provided.
4.3	The supplier should be either the manufacturer or the authorized dealer.
4.4	The list of customers (with address and contact number/e-mail id) who purchased similar equipment for the last 5 years to be given.
4.5	Availability of spare parts to be assured and explicitly committed for at least 10 years after the commissioning of the system.
4.6	The list of essential spare parts for the 3(three) years along with the price shall be separately indicated.
4.7	Details of electrical power requirements (available electrical supply is 230 single phase/440V, three phase, 50 Hz) shall be provided.
4.8	Customer support facility shall be made available for at least fifteen years after the expiry of the warrantee period. Following details are to be provided in this context,
	-Service facilities and personnel availability.
	-Service personnel to attend any fault after receipt of the information, whenever called for.
4.9	Delivery time is to be included in the quotation.
5.0	The commercial offer should contain item wise cost split-up for the following,
5.1	DSC basic equipment with data acquisition/processing and analysis software
5.2	Accessory for specimen preparation – Sample preparation set for high temperature range and sample press/Crucible Sealing Press for Aluminium crucibles
5.3	Alumina crucibles with lids – 10 Nos, Platinum/Rhodium crucibles with lids – 5 Nos
5.4	Thermocouple for measuring temperature in the range of 30 to 1500°C – 5 Nos
5.5	Aluminium Sample pans with lids for 1000 analysis
5.6	Certified Standards for temperature, heat capacity and enthalpy calibration in low and high temperature range
5.7	Software for Kinetic analysis
5.8	Evacuation devices including vacuum pump
5.9	UPS: RIELLO/APC/APLAB/GE make, 5KVA, Single phase output, online, industrial grade with 1 hour back up
5.10	PC (Branded PC, i7 processor, windows 10, 23inch monitor) and HP Colour Laser Printer
	·

5.11	Packaging & forwarding
5.12	Transportation to purchaser's site at Trivandrum, India
5.13	Installation and commissioning
5.14	Spares (Thermocouples) and consumables (including sample crucibles for high and low temperature applications) for 3 years
5.15	Gas cylinders and regulators for the operation of the equipment
5.16	AMC cost for three years after warranty
6.0	Training: Free training to the purchaser's representatives at the Purchaser's site for the following,
6.1	Operation of the system, including calibration and usage of software in all aspects of measurement and data analysis. Maintenance and trouble shooting.
7.0	Annual Maintenance Contract (AMC) details
7.1	Party should be willing to enter AMC for periodical verification of parameters pertaining to hardware, controllers, software etc and also comprehensive calibration of the system (as per standards) to conform to the specification. Periodicity to be indicated by the party. Tentative charges to be furnished.
7.2	Supply of necessary items like software and firmware updates/revisions, training on real time basis is also a part of AMC.

Compliance Matrix

A. Specification

Sl.No.	Speci	fication	Supplier's Compliance	
	Parameter	Value [With tolerance if any]	Complied (Y/N) [*]	Remarks
1	Principle of operation	Heat Flux, modulated		
2	DSC full temperature range	RT to 1500°C		
3	Furnace	Metallic furnace like Platinum, tungsten and Rhodium capable of withstanding high temperature upto 1500°C		
4	Temperature Accuracy	+/- 1°C or better		
5	Specific heat (Cp) Accuracy	<u>+</u> 3% or better		
6	Enthalpy Accuracy/precision	upto 3% or better		
7	Cp measuring range (J/gK)	upto 5J/gK		
8	Heating/Cooling rate	0.1 to 200° C/minute		
9	DSC sensor/ Thermocouple type	Thermocouples suitable for operating range with the required accuracy. It should be chemical resistant, corrosion resistant, exchangeable type heat flow measurement.		
10	Gas Flow & Gas switching	Equipment should have Mass flow controller(MFC) for gases (Argon, Nitrogen and Air) with gas switching provision.		
11	Gas Atmosphere	Inert, oxidizing, static and dynamic operation		
12	Cooling system	Water cooler/chiller/any other accessory required for the smooth functioning of the equipment should be quoted.		

13	Data acquisition/processing system	Windows based software should enable automatic / manual on-line data acquisition and display of running measurements, Calibration. The multi-tasking software should facilitate storage of both raw DSC data as well as deconvoluted data in the form of standard DSC curves. The software should have the facility of choosing different baseline e.g line, tangential, horizontal, spline, Integral tangential, polygon line etc for correct evaluation/integration of peaks. Options for Baseline correction, data smoothening, plot expansion, Curve overlay unlimited, Font selection etc. should be provided. Storage of results in tabular form (ASCII format) should be facilitated. Data acquisition system should have interface with the PC.	
14	Data analysis software	Software for the analysis or evaluation of following parameters to be provided. a) Glass transition temperature b) Melting transitions c) Specific heat d) Kinetic study e) Purity analysis Any upgradation in software should be taken care of by the supplier.	
15	Certified Standards for temperature, specific heat and enthalpy calibration. The certified calibration standards to be tested in presence of VSSC personal during installation.	Should be complied	

16	All the accessories mentioned in the indent to be provided by the party	Should be complied	
17	Free training to the purchaser's representatives at the Purchaser's site for the following, Operation of the system, including calibration and usage of software in all aspects of measurement and data analysis. Maintenance and trouble shooting.	Should be complied	

B. Specific Conditions

SI.No.	Specific Conditions	Supplier Compliance	
		Complied (Y/N) [*]	Remarks
1	Warranty: 3 years to be provided		
2	AMC: Party should be willing to enter AMC for periodical verification of parameters pertaining to hardware, controllers, software etc and also comprehensive calibration of the system (as per standards) to conform to the specification. Periodicity to be indicated by the party. AMC cost for three years after warranty should be quoted separately		

^{* (}Supplier shall provide reference number against each as per the Quotation / Catalogue/ Data Sheet)

Signature

INSTRUCTIONS TO THE BIDDERS

- GSTIN, Rate & HSN Code: We are partially exempted from the payment of IGST and eligible for paying IGST @5% as per guiding Principles conveyed by the Ministry of Finance, Dept. of Revenue Notification No. 1/2017 –Integrated Tax (Rate), Schedule-I; SI.No.243B Dated 28/06/2017 as amended by Notification No. 25/2018 Integrated Tax (Rate) Dated 31/12/2018. Necessary IGST Exemption Certificate shall be provided by VSSC. Vendors registered under GST shall mention their GSTIN, wherever necessary as per GST Law. VSSC GST No.32AAAGV0026J1ZL.
- Customs Duty: We are partially exempted from payment of Customs Duty vide Notification No.050/2017-Sl.No. 539a dated 30/06/2017 and Notification No. 05/2018 Customs dated 25/01/2018.
 CDEC will be provided for imported item against submission of copy of AWB and Invoice evidencing shipment.
 - In case of HSS transactions, Customs duty will be reimbursed on production of documentary proof.
- 3. <u>Warranty:</u> Warranty for the offered item shall be from the date of installation/acceptance of the item at our site for a minimum period of **36 months**, or as specified in the tender document. Please specify warranty period in the offer.
- 4. Performance Bank Guarantee (PBG): PBG @ 10% of order value to be submitted in the form of Bank Guarantee from a Nationalized/Scheduled Bank, valid till successful completion of all contractual obligations, including the warranty period, in case PO/Contract is awarded
- 5. <u>Security Deposit</u>: SD will be applicable if the Purchase Order value is above Rs.5 lakhs. SD @ 10% of order value to be submitted in the form of Bank Guarantee from a Nationalized/Scheduled Bank, or Fixed Deposit Receipt valid till successful completion of PO / Contract, if awarded.
- 6. Validity of Offer: Minimum validity of tender from the date of opening of the tender shall be as follows:
 - (a) Two-part tender: 120 days
 - (b) Open/Public/Limited Tender (Single part): 90 days
- 7. <u>Liquidated Damages Clause</u>: The delivery period stipulated in the PO is the essence of the order. If you fails to deliver the stores within the time specified in the order, the purchaser shall recover a sum @0.5% of the order value per week /part of a week or 0.5% of the value of stores for which the delivery is delayed for each week of delay/part delay, as case may be, subject to a maximum 10% of order value.
- 8. <u>Delivery terms:</u> Our standard delivery term is FOR, CMSE, VSSC Trivandrum. In case any vendors offer delivery term of Ex-Works, Packing & Forwarding charges, if any, should be indicated separately either as a percentage of the quoted rate or as a lump-sum amount.
- 9. Payment terms: Our standard payment term is 100% within 30 days for indigenous order and Sight Draft/LC for foreign orders. All Bank charges shall be on the account of Vendor.
- 10. <u>Purchase/Preference to MSMEs:</u> Purchase/Price Preference shall be extended to the MSEs under the Public Procurement Policy for MSEs formulated under the Micro, Small & Medium Enterprises Development Act 2006. Necessary authenticated documentary evidences shall be submitted along with your offer. MSEs will be exempted from submission of EMD. Specify your category. All registered MSME vendors are requested to provide their Registration and Ownership details.
- 11. Vendors may please note that MSMEs are not exempted from the submission of Security Deposit.
- 12. Vendors shall provide the name, address, email ID and contact number of authorised official in order to contact in case of need.
- 13. PO will be placed on technically and commercially suitable lowest offer basis and VSSC reserves the right to split the order on L1 basis.
- 14. If any vendor submits forged / false documents along with the tender, offer of such vendors will be summarily rejected and such bidders will be blacklisted for all future tenders.

- 15. Tenders are not transferrable and in case any vendor is not interested or able to submit their tenders, such vendors may send their regret letter.
- 16. VSSC has the right to cancel the tender without assigning any reason etc.
- 17. In case of foreign orders: (a) Please specify whether any export clearance is required. If required, please provide End User Certificate format along with the offer.
 - (b) Please mention percentage of Agency Commission, if any. (Agency Commission shall be claimed by the Indian Agent through an invoice. Agency commission shall be paid to the Indian agent in Indian Rupees worked out on the basis of Telegraphic transfer buying rate of exchange prevailing on the date of placement of the purchase order/contract and within 30 days from the date of satisfactory acceptance of the item.)
- 18. Special conditions against Indian Agents submitting quotations in Foreign Currency
 - (a) Foreign Principal's Proforma Invoice shall indicate the commission payable to the Indian Agent and nature of after sales service to be rendered by the Indian Agent.
 - (b) Copy of Agency agreement with the Foreign Principal, precise relationship between them and their mutual interest in the business.
 - (c) The enlistment of the Indian Agent with Director-General of Supplies & Disposals under the Compulsory Registration Scheme of Ministry of Finance.
 - (d) Compliance of Tax Laws by the Indian agent.
 - (e) The bidder shall clearly mention the full ordering address in capital letters.
 - (f) The bidder shall clearly mention their banker's address including their SWIFT code compulsorily.
 - (g) Any change of address shall be compulsorily supported by documentary proof issued either by Governmental agencies or by Chamber of Commerce.
- 19. In case any bidder is submitting their offer on High Sea Sales basis[HSS] the Indian Trader shall submit the following documents mandatorily along with their offer: (i) The Import Export Code of the Indian Trader (iii) Bank authorisation code of the Indian Trader (iii) GSTIN of the Indian Trader.
- 20. In all HSS Purchase Orders/Contract, the Indian Trader shall mandatorily submit the following documents:
 - a) The import Export Code of the Indian Trader.
 - b) Bank Authorization Code of the Indian Trader.
 - c) GSTIN of the Indian Trader.
 - d) High Sea Sale Agreement.
 - e) Invoice pertaining to the Indian Trader in INR and the Invoice from the Foreign Vendor in Foreign currency.
- 21. In respect of HSS Orders/Contracts, in case the Indian Trader fails to submit the aforesaid fie documents meant for custom clearance as at 3 (a) to (e) above, any delay is getting accrued due to the non-submission of one or more of the document (s), late fee and penalties, if any levied by the Customs Authorities shall be recovered from the bills of Indian Trader."

NOTE

- The tender submitted by you shall be compulsorily signed. Unsigned tenders will be summarily excluded from the procurement process.
- If any of the bidders submit any forged or false documents along with the tender, such tenders will be summarily rejected and such bidders will be blacklisted for all future tenders.
- Being a Govt of India Dept., insurance is not required at our cost. Please ensure safe delivery of the ordered item with proper /ROAD/SEA/AIR worthy packing.
- All delivery formats (PBG, SD IB) shall be provided by the Dept., in case of placement of order.

Enclosure -l

SPECIAL CONDITIONS IN RESPECT OF TWO-PART TENDERS

PROCEDURE TO BE FOLLOWED BY TENDERERS

PART-I: TECHNICAL & COMMERCIAL BID:

(a) TECHNICAL DETAILS:

Our tender enquiry contains technical requirements and specification of items. The detailed technical specifications of your offer should be covered in this part. This part <u>should not contain Price Details</u>. This should be sent in a sealed envelope duly super scribing the following details on the top of the envelope.

(b) COMMERCIAL DETAILS:

The commercial terms applicable for this tender such as Delivery terms, Delivery period, Payment Terms, Mode of Despatch, Validity of the Offer, Warranty, Guarantee, Performance Guarantee, Liquidated Damages (for delayed supply), Quantity tolerance etc., shall be covered. The applicable GST rates and duties or requirement of Duty Exemption Certificates also shall be indicated in this part. A copy of the price offer by masking prices shall be enclosed to the technical and commercial part (Part-I) to clearly understand as to whether you have provided the prices as desired by the tender document.

The technical and commercial part should be put in a sealed envelope and super scribed as follows:

PART -II: PRICE BID

The price of the item should be indicated in this part with unit rate. The prices are to be mentioned both in figures as well as in words and each page is to be signed by your authorized signatory. Apart from the cost of the items, packing charges, forwarding charges, freight charges (if applicable), installation and commissioning, training charges etc shall be clearly mentioned. GST rates and Duties applicable shall also be mentioned.

The "Technical and Commercial Bid" and the "Price Bid" are to be put in separate sealed covers and they should be put into a single envelope super scribed with the Tender Number, Due Date and Time. The cover thus prepared should be sent to the following address so as to reach us on or before the due date and time specified in the tender form.

The Purchase & Stores Officer CMSE Purchase Composites Entity Vattiyoorkavu PO. Trivandrum - 695 013, Kerala, India

ii) Tenders may be hand delivered or sent by post or through couriers. Levels of responsibility and reliability among couriers with respect to the delivery to VSSC are

- not entirely satisfactory and tenderers shall therefore choose the couriers with particular case.
- iii) The offer should be valid for a minimum period of 120 days from the due date.
- iv) TENDER OPENING The Technical and commercial Bid will be opened on the specified day and in case any further clarification/discussions are required, such clarifications/discussions shall be called for before opening the Price Bid.
- v) Late and Delayed Tenders will not be considered. Therefore, please ensure that your tender is posted well in time to reach us before the due date and time.
- vi) Tenders which are not prepared in terms of these instructions are liable to be rejected.
- vii) Fax offers shall not be considered.
- viii) All the pages of your offer should be signed/initialed by competent authority and affixed with your Company's Seal.
- ix) Either the Indian Agent on behalf of the Principal / OEM or Principal / OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender. If an agent submits bid on behalf of the Principal / OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.
- x) Note:- YOU MAY CLEARLY SPECIFY ANY EXPORT LICENCE IS REQUIRED AND WHETHER THE ITEM CAN BE SUPPLIED ON HIGH SEA SALES BASIS OR RUPEE PAYMENT IN THE TECHNICAL BID ITSELF WITHOUT MENTIONING THE PRICE

IMPORTANT: Your offer duly complying with the above formalities should reach us on or before the due date and time prescribed in the Tender Enquiry. <u>Late offers</u>, <u>Delayed Offer will summarily be rejected</u>.

		A, NETTAYAM BRANCH, VATTIYOORKAVU
D 1 D 1 11.	P.O. THIRUVANANTHAP	URAM 695 013.
Bank Details	Branch Code: 10787	IFSC Code: SBIN0010787
	Ph No. 0471 2565008	Email: 10787@sbi.co.in

EARNEST MONEY DEPOSIT/BID SECURITY:

- 1. Earnest Money Deposit (EMD) or Bid Security is obtained to ensure the earnestness of the vendor in the procurement process. Registered Vendors of VSSC/ISRO shall not furnish EMD or Bid Security in the procurement process. Other Vendors participating in the tender process has to furnish EMD through Demand Draft/Banker's Cheque for Rs. 5.00 Lakhs (Rupees Five Lakhs only) drawn in favour of Accounts Officer, CMSE, VSSC Accounts payable at State Bank of India, Nettayam Branch, Trivandrum-695 013 EMD shall be interest free. EMD shall also be furnished in the form of Fixed Deposit Receipts or Bank Guarantee from any nationalized or the Scheduled Banks executed on non-judicial stamp paper of value Rs.200/-. In case of Bank Guarantee, it shall be valid for a period of 45 days beyond the final tender validity date.
- 2. Also, Foreign Vendors, Registered Vendors who have already applied for renewal of registration, Central PSUs, PSEs, Autonomous Bodies, Micro and Small Enterprises, KVIC, National Small Industries Corporation etc., are exempted from the payment of EMD.
- 3. Any tender not accompanied with EMD shall be treated as invalid tender and rejected. Vendors seeking exemption from payment of EMD shall submit necessary proof like registration number etc.
- 4. EMD of vendor shall be forfeited if the tenderer/contractor withdraws or amends his tender or deviates from the tender in any respect within the period of the validity of the tender. Failure to furnish Security Deposit/Performance Bond by a successful vendor within the specified period shall also result in forfeiture of EMD.
- 5. EMD shall be refunded to all the unsuccessful vendors within thirty days after placement of the Purchase Order. EMD shall be refunded to the successful tenderer/contractor after payment of the Security Deposit. EMD shall be refunded to all the participants in cases where the tender is cancelled or withdrawn by the Centre/Unit, within thirty days from the date of such cancellation or withdrawal.

Comprehensive AMC – Terms and Conditions

Description	Vendor Terms
Charges: Please quote your lowest charges for the said item for the	
given period. Percentage of taxes, if any payable shall be shown	
separately. The rates shall remain firm and fixed till the completion	
of the contract period.	
Validity of Contract: VSSC reserve the right to extend the contract for	
further periods at the same rate, terms & conditions on mutual	
agreement. We also reserve the right to short close the same by	
giving one month prior notice in writing without any financial	
obligations on our side.	
Spares: Any defective item/spares if required to be replaced shall be	
done by the contractor free of cost. Ensure sufficient stock of items	
for readiness of replacement of defective components. All spare	
Sarts removed from the systems being VSSC property, the same shall	
be left with the Division concerned.	
Payment: Payment shall be made on MONTHLY/BI-	
MONTHLY/QUARTERLY/HALF-YEARLY/YEARLY pro-rata basis as per	
the periodicity of maintenance and after satisfactory completion of	
each maintenance/ visit. Please confirm the acceptance of the	
above and no other mode of payment shall be entertained.	
Security Deposit: In case of an order, you have to submit an interest	
free security deposit equivalent to 10% of Annual Maintenance	
Charges in the form of Fixed Deposit Receipt (FDR) or Bank	
Guarantee which will be refunded after due performance of this	
Contract or shall be adjusted/forfeited against any dues.	
Down-time Compensation: In case the break-down calls are not	
attended within 24/48/72 hours or as specified in the special	
instructions to vendors as the case may be from the date of	
intimation, down time compensation at the rate of 0.5% (of the	
annual maintenance charges) per day subject to a maximum of 5%	
shall be recovered from you.	

GOVERNMENT OF INDIA DEPARTMENT OF SPACE

VIKRAM SARABHAI SPACE CENTRE

Telephone : 0471-2569290

0471-2569289

C.M.S.E. PURCHASE

Fax

: 0471-2569236

VATTIYOORKAVU

Email

pso cmse@vssc.gov.in

THIRUVANANTHAPURAM - 695 013

INSTRUCTIONS TO TENDERERS AND TERMS & CONDITIONS OF TENDER

I. INSTRUCTIONS TO TENDERERS

- 1. The Tenderers should submit quotations in duplicate in a sealed envelope, superscribing the Tender No. and due date of opening and complete in all respects with technical specifications, including pamphlets and catalogues.
- 2. A Proforma Invoice may also be given which should contain the following information:
 - a) The FOB/FCA value, the C & F value for import by Sea freight / Air freight up to and for air parcel post up to Thiruvananthapuram should be separately indicated.
 - b) Agency Commission: The amount of commission included in the price and payable to the Indian Agent of the Contractor shall be paid directly to the Indian Agent by the Purchaser in equivalent Indian Rupees on the basis of an Invoice from him applying T.T. buying rate of exchange ruling on the date of placement of the Purchase Order and which shall not be subject to any further exchange variations. This payment will be released to the Indian Agent immediately after Customs clearance of the goods in India.
 - c) The Contractor shall invoice only for the net amount payable to him, after deducting the amount of Agency Commission included in the invoice which will be paid to the Indian Agent directly by the Purchaser. However, the Contractor's invoice should separately reflect the amount of commission payable to his Indian Agent.
 - d) The earliest delivery period and country of origin of the Stores.
 - e) Banker's name, address, telephone/fax Nos. & e-Mail ID of the Contractor.
 - f) The approximate net and gross weight and dimensions of packages / cases.
 - g) Recommended spares for satisfactory operation for a minimum period of one year.
 - h) Details of any technical service, if required for erection, assembly, commissioning and demonstration.
- The FOB/FCA and C & F prices quoted should be inclusive of all taxes, levies, duties arising in the tenderer's country.
- 4. The offer should be valid for a minimum period of 120 days from the due date of opening of the tender.
- 5. Samples, if called for, should be sent free of all charges.
- 6. Late and delayed tenders will not be considered.
- Offers made by Indian Agents on behalf of their Principals, should be supported by the proforma invoice of their Principals.
- 8. The details of Import Licence will be furnished in the Purchase Order.
- 9. The authority of person signing the tender, if called for, shall be produced.
- Instructions / Operation Manual containing all assembly details including wiring diagrams should be sent wherever necessary in duplicate. All documents / correspondence should be in English language only.
- 11. The Purchaser reserves the right to accept or reject the lowest or any offer in whole or part without assigning any reason.
- 12. It is expressly agreed that the acceptance of the Stores Contracted for is subject to final approval in writing by the Purchaser.
- 13. a) Part shipment is not allowed unless specifically agreed to by us.
 - b) As far as possible stores should be despatched by Indian Flag Vessels / Air India through any Agency nominated by us.
- 14. Inspection / Test Certificate should be provided for the goods after testing it thoroughly at the Contractor's works. If any Inspection by Lloyds or any other testing agency is considered necessary, it shall be arranged by Contractors.

- 15. Where erection or assembly or commissioning is a part of the Contract, it should be done immediately on notification. The Contractor shall be responsible for any loss/damage sustained due to delay in fulfilling this responsibility.
- 16. For items having shelf life, those with maximum shelf life should be supplied if order is placed.

II. **TERMS & CONDITIONS OF TENDER**

1. **DEFINITIONS:**

- The term 'Purchaser' shall mean the President of India or his successors or assignees. a)
- The term 'Contractor' shall mean, the person, firm or company with whom or with which the order for the supply of stores is placed and shall be deemed to include the Contractor's Successors, representatives. heirs, executors and administrators unless excluded by the Contract.
- The term 'Purchase Order' shall mean the communication signed on behalf of the Purchaser by an officer duly authorised intimating the acceptance on behalf of the Purchaser on the terms and conditions mentioned or referred to in the said communication accepting the Tender or offer of the Contractor for supply of stores of plant, machinery or equipment of part thereof.
- The term 'Stores' shall mean what the Contractor agrees to supply under the Contract as specified in the Purchase Order.

PRICES:

Tenders offering firm prices will be preferred. Where a price variation clause is insisted upon by a tenderer, quotations with a reasonable ceiling should be submitted. Such offers should invariably be supported by the base price taken into account at the time of tendering and also the formula for any such variations.

TERMS OF PAYMENT:

- 3.1 Being a Department of the Government of India, the normal terms of payment are by Sight Draft. However other terms of payment like establishment of Letter of Credit may be considered by the Purchaser on such terms and conditions as may be agreed upon.
- 3.2 The Sight Draft / Letter of Credit will be operative on presentation of the undermentioned documents:
 - a) Original Bill of Lading / Airway Bill
 - b) Commercially certified invoices describing the stores delivered, quantity, unit rate and their total value, in triplicate. The invoice should indicate the discounts, if any, and Agency Commission separately.
 - Packing List showing individual dimensions and weight of packages. C)
 - d) Country of Origin Certificate in duplicate.
 - e) Test Certificate.
 - Declaration by the Seller that the contents in each case are not less than those entered in the invoices and the quality of the Stores are guaranteed as per the specifications asked for by the Purchaser.
 - Warrantee and guarantee Certificate/s vide Clause 20 herein below g)

IMPORT LICENCE:

Reference to Import License No. & date and Contract number & date shall be prominently indicated in all the

	documents vide para 3.2	
5.	DEMURRAGE:	
	Supplier shall bear demurrage charges, if any, incurred by the purchaser due to delayed presentation of shippin documents as prescribed in para 3.2 to the bankers within a reasonable time (say within 10-12 days) from the date of bill of lading for sea consignments and within 3-4 days from the date of Air Way Bill for air consignment	١e
3.	ADDRESS OF INDIAN AGENTS:	
•••		
7.	GUARANTEED TIME DELIVERY:	
•	The time for and the date of delivery stipulated in the Purchase Order shall be deemed to be the essence of the Contract. Delivery must be completed within the date specified therein.	ie

- 8. INSPECTION AND ACCEPTANCE TEST:
- 8.1 The Purchaser's representatives shall also be entitled at all reasonable times during manufacture to inspect, examine and test on the Contractor's premises the material and workmanship of all stores to be supplied under this Contract and if part of the said stores is being manufactured on other premises, the Contractor shall obtain for the purchaser's representative permission to inspect, examine and test as if the equipment were being manufactured on the Contractor's premises. Such inspection, examination and testing shall not release the Contractor from the obligations under this Contract.
- 8.2 For tests on the premises of the Contractor or of any of his sub-Contractors, the Contractor shall provide free of cost assistance, labour, material, electricity, fuel and instruments as may be required or as may be reasonably needed by the purchaser's representative to carry out the tests efficiently.
- 8.3 When the stores have passed the specified test, the purchaser's representative shall furnish a certificate to the effect in writing to the Contractor. The Contractor shall provide copies of the test/s certificates to the purchaser as may be required.
- 9. MODE OF DESPATCH:

Generally, stores should be despatched through Indian Flag Vessel / Air India or through any other Agency nominated by the purchaser. A copy of the invoice and packing list should invariably be kept inside each of the packages.

10. PORT OF ENTRY:

Thiruvananthapuram for air cargoes and Kochi Sea Port for ocean vessel cargoes.

11. CONSIGNEE:

Purchase & Stores Officer, (Stores), Composites Entity, Vikram Sarabhai Space Centre, Vattiyoorkavu, Thiruvananthapuram -695 013

12. SHIPPING MARKS.

The mark on the shipping documents such as invoice, bill of lading and on the packages should be as follow:

PURCHASE ORDER NO.				

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
VIKRAM SARABHAI SPACE CENTRE
COMPOSITES ENTITY
VATTIYOORKAVU, THIRUVANANTHAPURAM 695 013, KERALA, INDIA

Destination: Thiruvananthapuram

Port of Entry: Air Freight to Thiruvananthapuram International Airport/Sea Freight to Kochi Sea Port

13. INSURANCE OF THE STORES:

The necessity or otherwise of insurance will be as indicated in the Purchase Order.

- 14. CONTRACTOR'S DEFAULT LIABILITY:
- 14.1 The purchaser may upon written notice of default to the Contractor terminate the Contract in whole or in part in circumstances detailed hereunder:
 - (a) If in the judgement of the Purchaser the Contractor fails to make delivery of Stores within the time specified in the Contract/agreement or within the period for which extension has been granted by the Purchaser to the Contractor.
 - (b) If in the judgement of the Purchaser the Contractor fails to comply with any of the other provisions of this Contract
- 15. In the event the Purchaser terminates the Contract in whole or in part as provided in Clause 14 the Purchaser reserves the right to Purchase, upon such terms and in such a manner as he may deem appropriate, stores

similar to that terminated and the Contractor shall be liable to the Purchaser for any additional costs for such similar stores and/or for liquidated damages for delay as defined in Clause 19 until such reasonable time as may be required for the final supply of stores.

- 15.1 If this Contract is terminated as provided in Clause 14 the Purchaser in addition to any other rights provided in this Article, may require the Contractor to transfer title and deliver to the Purchaser under any of the following clauses in the manner and as directed by the Purchaser:
 - (a) Any completed stores.
 - (b) Such partially completed stores, drawing, information and Contract rights (hereinafter called manufacturing material) as the Contractor has specifically produced or acquired for the performance of the Contract as terminated. The Purchaser shall pay to the Contractor the Contract price for completed stores delivered to and accepted, by the purchaser and for manufacturing material delivered and accepted.
- 15.2 In the event the Purchaser does not terminate the Contract as provided in Clause 14, the Contractor shall continue the performance of the Contract in which case he shall be liable to the purchaser for liquidated damages for delay as set out in Clause 19 until the stores are accepted.

16. REPLACEMENT:

If the stores or any portion thereof is damaged or lost during transit, the Purchaser shall give notice to the Contractor setting forth particulars of such stores damaged or lost during transit. The replacement of such stores shall be effected by the Contractor within a reasonable time to avoid unnecessary delay in the intended usage of the Stores. In case the purchaser agrees, the price towards replacement items shall be paid by the purchaser on the basis of original price quoted in the tender or as reasonably worked out from the tender.

17. REJECTION:

In the event that any of the stores supplied by the Contractor is found defective in material or workmanship or otherwise not in conformity with the requirements of the Contract specifications, the purchaser shall either reject the stores or request the Contractor, in writing, to rectify the same. The Contractor, on receipt of such notification, shall either rectify or replace the defective stores free of cost to the purchaser. If the Contractor fails to do so, the purchaser may at his option either —

- replace or rectify such defective stores and recover the extra cost so involved from the Contractor, or
- b) terminate the Contract for default as provided under clause 14 above, or
- acquire the defective stores at a reduced price considered equitable under the circumstances. The provision
 of this article shall not prejudice the Purchaser's rights under clause 19.

18. EXTENSION OF TIME:

If the completion of supply of stores is delayed due to reason of *force majeure* such as acts of god, acts of public enemy, acts of Government, fires, floods, epidemics, quarantine restriction, strikes, freight embargoes, etc., the Contractor shall give notice within 15 days to the purchaser in writing of his claim for an extension of time. The purchaser on receipt of such notice after verification, if necessary, may agree to extend the Contract delivery date as may be reasonable but without prejudice to other terms and conditions of the Contract.

19. DELAY IN COMPLETION / LIQUIDATED DAMAGES:

If the Contractor fails to deliver the stores within the time specified in the Contract or any extension thereof, the purchaser shall recover from the Contractor as liquidated damages a sum of one-half of one percent (0.5 percent) of the Contract price of the undelivered stores for each calendar week of delay. The total liquidated damages shall not exceed ten percent (10 percent) of the Contract price of the unit or units so delayed. Stores will be deemed to have been delivered only when all their component parts are also delivered. If certain components are not delivered in time, the stores will be considered as delayed until such time as the missing parts are delivered.

20. GUARANTEE & REPLACEMENT:

- a) The Contractor shall guarantee that the stores supplied shall comply fully with the specifications laid down for material, workmanship and performance.
- b) For a period of twelve months after the acceptance of the stores, if any defects are discovered therein or any defects therein are found to have developed under proper use arising from faulty materials, design or workmanship, the Contractor shall remedy such defects at his own cost provided he is called upon to do so within a period of 14 months from the date of acceptance thereof by the Purchaser who shall state in writing in what respect the stores or any parts thereof are faulty.

- c) If in the opinion of the purchaser it becomes necessary to replace or renew any defective stores, such replacements or renewals shall be made by the Contractor free of all costs to the purchaser provided the notice informing the Contractor of the defect is given by the purchaser in this regard within the said period of 14 months from the date of acceptance thereof.
- Should the Contractor fail to rectify the defects, the purchaser shall have the right to reject or repair or replace at the cost of the Contractor the whole or any portion of the defective stores.
- e) The decision of the Purchaser, notwithstanding any prior approval or acceptance or inspection thereof on behalf of the purchaser, as to whether or not the stores supplied by the Contractor are defective or any defects has developed within the said period of 12 months or as to whether the nature of the defects requires renewal or replacement shall be final, conclusive and binding on the Contractor.
- f) To fulfill guarantee conditions outlined in Clause 20 (a) to (e) above, the Contractor shall, at the option of the purchaser, furnish a Bank Guarantee (as prescribed by the purchaser Bank Guarantee format enclosed) from a Bank approved by the purchaser for an amount equivalent to 10% of the value of the Contract along with first shipment documents. On the performance and completion of the Contract in all respects, the Bank Guarantee will be returned to the Contractor without any interest.
- g) All the replacement stores shall also be guaranteed for a period of 12 months from the date of arrival of stores at purchaser's site.
- h) Even while the 12 months guarantee applies to all stores, in case where a greater period is called for by our specifications, then such a specification shall apply, and in such cases, the period of 14 months referred to in Clause 20 (b) and (c) shall be asked for guarantee period plus two months.

21. REQUIREMENT OF ADDITIONAL NUMBERS OF THE STORES/SPARE PARTS ORDERED:

The Contractor shall also undertake the supply of additional number of items covered by the order as considered necessary by the purchaser at a later date, the actual price to be paid shall be mutually agreed to after negotiations.

22. PACKING:

- a) The Contractor wherever applicable shall pack and crate all stores for sea / air shipment as applicable in a manner suitable for export to a tropical humid climate, in accordance with internationally accepted export practices and in such a manner so as to protect it from damage and deterioration in transit by road, rail or sea for space qualified stores. The Contractors shall be held responsible for all damages due to improper packing.
- b) The Contractor shall ensure that each box / unit of shipment is legible and properly marked for correct identification. The failure to comply with this requirement shall make the Contractor liable for additional expenses involved.
- c) The Contractor shall notify the purchaser of the date of shipment from the port of embarkation as well as the expected date of arrival of such shipment at the designated port of arrival.
- d) The Contractor shall give complete shipment information concerning the weight, size, content of each packages, etc.
- e) Transhipment of equipment shall not be permitted except with the written permission of the purchaser.
- f) Apart from the despatch documents negotiated through Bank, the following documents shall also be airmailed to the purchaser within 7 days from the date of shipment by sea and within 3 days in case of air-consignments:
- Commercial Bill of Lading / Air Way Bill / Post parcel Receipt. (Two non-negotiable copies)
- Invoice (3 copies)
- Packing List (3 copies)
- > Test Certificate (3 copies)
- > Certificate of Country of origin

The Contractor shall also ensure that one copy of the packing list is enclosed in each case.

23. ARBITRATION:

If at any time any question, dispute or difference whatsoever shall arise between the purchaser and the Contractor upon or in connection with this Contract, either party may forthwith give to the other notice in writing of the existence of such question, dispute or difference and the same shall be referred to the adjudication of two arbitrators, one to be nominated by purchaser, other by a Contractor and in the event of any difference of opinion, the arbitrators will refer the matter to the umpire. The arbitration shall be conducted in accordance with the rules and procedure for arbitration of the International Chamber of Commerce at Paris. The expenses of the

arbitrators and umpire shall be paid as may be determined by them. However, the venue of such arbitration should be in India.

24. LANGUAGE AND MEASURES:

All documents pertaining to the Contract including specification, schedule, notice, correspondence, operating and maintenance instructions, drawings or any other writings shall be written in English language. The metric system of measurement shall be used exclusively in the Contract.

25. INDEMNITY:

The Contractor shall warrant and be deemed to have warranted that all Stores supplied against this Contract are free and clean of infringement of any patent, copyright or trade mark and shall at all times indemnify the purchaser against all claims which may be made in respect of stores for infringement of any right protected by Patent, Registration of design or Trade Mark, and shall take all risk of accident or damage which may cause a failure of the supply from whatever cause arising and the entire responsibility for the sufficiency of all the means used by him for the fulfillment of the Contract.

26. COUNTER TERMS AND CONDITIONS OF SUPPLIERS:

Where counter terms and conditions/printed or cyclostyled conditions have been offered by the supplier, the same shall not be deemed to have been accepted by the purchaser unless specific written acceptance thereof is obtained.

27. SECURITY INTEREST:

On each item to be delivered under this Contract, including an item of work in progress in respect of which payments have been made in accordance with the terms of the Contract, purchaser shall have a security interest in such items which shall be deemed to be released only at the time when the applicable deliverable item is finally accepted and delivered to the purchaser in accordance with the terms of the Contract. Such security interest of the purchaser shall constitute a prior charge as against any other charge or interest created in respect of such items by any entity.

28 BANK CHARGES:

While the purchaser shall bear the bank charge payable to his Bankers (State Bank of India), the Contractor shall bear the Bank charges payable to his Bankers including the cheques towards advising amendment commissions.

29 TRAINING:

The Contractor shall, if required by the purchaser, provide facilities for the practical training of Purchaser's engineering / technical personnel from India and for their active association on the manufacturing processes throughout the manufacturing period of the Contract / stores, number of such personnel to be mutually agreed upon.

30 APPLICABLE LAW:

The Contract shall be interpreted, construed and governed by the laws of India.

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2. E-Tenders are invited for <u>Piezo electric based Unsteady Pressure Sensors & triaxial accelerometers</u> listed below. The Bids are to be prepared and submitted in specified Templates online, by logging into the portal https://eprocure.isro.gov.in. Submission of Bids involves two stages to be performed by Vendors - Submission of Bids and Open Authorization. The Bids remain encrypted with the bidders's public key, until the Open Authorization stage. All those Bids where Open Authorization is not given, are automatically disqualified. Such Bids will not be openable and will not be considered for further processing. The Vendors are advised to submit the Bids much before the Closing Time to avoid last minute problems.

E-Procurement No. VSSC/ADMNAUX/2020E1968001 Dt. 05.03.2020 and Print Media Advertisement ref. No. VSSC/P/ADVT/298/2019 Dt. 06.03.2020. E-Tenders are invited for Piezo electric based Unsteady Pressure Sensors & triaxial accelerometers through our E-procurement site https://eprocure.isro.gov.in. Tender documents can be downloaded upto 31.03.2020 [17:00 Hrs.], Tender Opening date: 05.04.2020 [17:01 Hrs.].

Only online tenders will be accepted. No manual / Postal / e-mail / fax offers will be entertained. No manual tender document will be issued. Parties interested to participate in this e-Tender are required to register themselves as vendors, if not already registered, in our e-procurement portal https://eprocure.isro.gov.in by downloading plugins and help demos listed on the home page of the e-procurement link mentioned above to complete the vendor registration process. They can seek help from help desk 080 6780 7786 also as provided in the home page of e-procurement portal in case of any problem for registration and subsequent process. Vendors may please note that without registering in our e-procurement portal, they will not be able to quote for this e-tender.

Important Notice: Tender shall be opened on the first day of the schedule [ie. 05.04.2020 [17:01 Hrs.]. If the tender could not be opened on the first day due to any technical snag, it will be opened on the subsequent day as per the schedule. Bidders who are desirous of attending the tender opening may make arrangements for attending the tender opening at their cost.

3. E-Tenders are invited for <u>Piezo resistive based Unsteady Pressure Sensors</u> listed below. The Bids are to be prepared and submitted in specified Templates online, by logging into the portal https://eprocure.isro.gov.in. Submission of Bids involves two stages to be performed by Vendors - Submission of Bids and Open Authorization. The Bids remain encrypted with the bidders's public key, until the Open Authorization stage. All those Bids where Open Authorization is not given, are automatically disqualified. Such Bids will not be openable and will not be considered for further processing. The Vendors are advised to submit the Bids much before the Closing Time to avoid last minute problems.

E-Procurement No. VSSC/ADMNAUX/2020E1969501 Dt. 02.03.2020 and Print Media Advertisement ref. No. VSSC/P/ADVT/298/2019 Dt. 06.03.2020. E-Tenders are invited for <u>Piezo resistive based Unsteady Pressure Sensors</u> through our E-procurement site https://eprocure.isro.gov.in. Tender documents can be downloaded upto 30.03.2020 [17:15 Hrs.], Tender Opening date: 02.04.2020 [15:15 Hrs.].

Only online tenders will be accepted. No manual / Postal / e-mail / fax offers will be entertained. No manual tender document will be issued. Parties interested to participate in this e-Tender are required to register themselves as vendors, if not already registered, in our e-procurement portal https://eprocure.isro.gov.in by downloading plugins and help demos listed on the home page of the e-procurement link mentioned above to complete the vendor registration process. They can seek help from help desk 080 6780 7786 also as provided in the home page of e-procurement portal in case of any problem for registration and subsequent process. Vendors may please note that without registering in our e-procurement portal, they will not be able to quote for this e-tender.

Important Notice: Tender shall be opened on the first day of the schedule [ie. 02.04.2020 [15:15 Hrs.]. If the tender could not be opened on the first day due to any technical snag, it will be opened on the subsequent day as per the schedule. Bidders who are desirous of attending the tender opening may make arrangements for attending the tender opening at their cost.

4. E-Tenders are invited for <u>Fabrication of Co-axial Thermocouple</u> listed below. The Bids are to be prepared and submitted in specified Templates online, by logging into the portal https://eprocure.isro.gov.in. Submission of Bids involves two stages to be performed by Vendors - Submission of Bids and Open Authorization. The Bids remain encrypted with the bidders's public key, until the Open Authorization stage. All those Bids where Open Authorization is not given, are automatically disqualified. Such Bids will not be openable and will not be considered for further processing. The Vendors are advised to submit the Bids much before the Closing Time to avoid last minute problems.

E-Procurement No. VSSC/ADMNAUX/2020E1969801 Dt. 05.03.2020 and Print Media Advertisement ref. No. VSSC/P/ADVT/298/2019 Dt. 06.03.2020. E-Tenders are invited for Fabrication of Co-axial Thermocouple through our E-procurement site https://eprocure.isro.gov.in. Tender documents can be downloaded upto 26.03.2020[14:00 Hrs.], Tender Opening date: 30.03.2020 [10:05 Hrs.].

Only online tenders will be accepted. No manual / Postal / e-mail / fax offers will be entertained. No manual tender document will be issued. Parties interested to participate in this e-Tender are required to register themselves as vendors, if not already registered, in our e-procurement portal https://eprocure.isro.gov.in by downloading plugins and help demos listed on the home page of the e-procurement link mentioned above to complete the vendor registration process. They can seek help from help desk 080 6780 7786 also as provided in the home page of e-procurement portal in case of any problem for registration and subsequent process. Vendors may please note that without registering in our e-procurement portal, they will not be able to quote for this e-tender.

Important Notice: Tender shall be opened on the first day of the schedule [ie. 30.03.2020 [10:05 Hrs.]. If the tender could not be opened on the first day due to any technical snag, it will be opened on the subsequent day as per the schedule. Bidders who are desirous of attending the tender opening may make arrangements for attending the tender opening at their cost.

This is a two part tender, Technical & Commercial part (Part I) and Price Part (Part II) shall be submitted separately. The tenderers should not attach any documents containing Price information along with Technical & Commercial Bid (Part I). We do not open PART II (Price Bid), if PART-I (Technical & Commercial offer) does not meet with our technical specification requirements. Cost split up, other price details etc. shall be uploaded as a separate document under COMMERCIAL DOCUMENTS FROM VENDOR tab.

5. E-Tenders are invited for <u>Fixation of Rate for Break Down Maintenance of T&M Equipments on per job basis</u> listed below. The Bids are to be prepared and submitted in specified Templates online, by logging into the portal https://eprocure.isro.gov.in. Submission of Bids involves two stages to be performed by Vendors - Submission of Bids and Open Authorization. The Bids remain encrypted with the bidders's public key, until the Open Authorization stage. All those Bids where Open Authorization is not given, are automatically disqualified. Such Bids will not be openable and will not be considered for further processing. The Vendors are advised to submit the Bids much before the Closing Time to avoid last minute problems.

E-Procurement No. VSSC/ADMNAUX/2020E1988801 Dt. 03.03.2020 and Print Media Advertisement ref. No. VSSC/P/ADVT/298/2019 Dt. 06.03.2020. E-Tenders are invited for Fixation of Rate for Break Down Maintenance of T&M Equipments on per job basis through our E-procurement site https://eprocure.isro.gov.in. Tender documents can be downloaded upto 19.03.2020 [14:00 Hrs.], Tender Opening date: 23.03.2020 [14:00 Hrs.].

Only online tenders will be accepted. No manual / Postal / e-mail / fax offers will be entertained. No manual tender document will be issued. Parties interested to participate in this e-Tender are required to register themselves as vendors, if not already registered, in our e-procurement portal https://eprocure.isro.gov.in by downloading plugins and help demos listed on the home page of the e-procurement link mentioned above to complete the vendor registration process. They can seek help from help desk 080 6780 7786 also as provided in the home page of e-procurement portal in case of any problem for registration and subsequent process. Vendors may please note that without registering in our e-procurement portal, they will not be able to quote for this e-tender.

Important Notice: Tender shall be opened on the first day of the schedule [ie. 23.03.2020 [14:00 Hrs.]. If the tender could not be opened on the first day due to any technical snag, it will be opened on the subsequent day as per the schedule. Bidders who are desirous of attending the tender opening may make arrangements for attending the tender opening at their cost.

This is a two part tender, Technical & Commercial part (Part I) and Price Part (Part II) shall be submitted separately. The tenderers should not attach any documents containing Price information along with Technical & Commercial Bid (Part I). We do not open PART II (Price Bid), if PART-I (Technical & Commercial offer) does not meet with our technical specification requirements. Cost split up, other price details etc. shall be uploaded as a separate document under COMMERCIAL DOCUMENTS FROM VENDOR tab.

6. E-Tenders are invited for **Supply of LPG** listed below. The Bids are to be prepared and submitted in specified Templates online, bν logging into the portal https://eprocure.isro.gov.in. Submission of Bids involves two stages to be performed by Vendors - Submission of Bids and Open Authorization. The Bids remain encrypted with the bidders's public key, until the Open Authorization stage. All those Bids where Open Authorization is not given, are automatically disqualified. Such Bids will not be openable and will not be considered for further processing. The Vendors are advised to submit the Bids much before the Closing Time to avoid last minute problems.

E-Procurement No. VSSC/ADMNAUX/2020E1996701 Dt. 05.03.2020 and Print Media Advertisement ref. No. VSSC/P/ADVT/298/2019 Dt. 06.03.2020. E-Tenders are invited for Supply of LPG through our E-procurement site https://eprocure.isro.gov.in. Tender documents can be downloaded upto 27.03.2020 [14:00 Hrs.], Tender Opening date : 30.03.2020 [10:05 Hrs.].

Only online tenders will be accepted. No manual / Postal / e-mail / fax offers will be entertained. No manual tender document will be issued. Parties interested to participate in this e-Tender are required to register themselves as vendors, if not already registered, in our e-procurement portal https://eprocure.isro.gov.in by downloading plugins and help demos listed on the home page of the e-procurement link mentioned above to complete the vendor registration process. They can seek help from help desk 080 6780 7786 also as provided in the home page of e-procurement portal in case of any problem for registration and subsequent process. Vendors may please note that without registering in our e-procurement portal, they will not be able to quote for this e-tender.

Important Notice: Tender shall be opened on the first day of the schedule [ie. 30.03.2020 [10:05 Hrs.]. If the tender could not be opened on the first day due to any technical snag, it will be opened on the subsequent day as per the schedule. Bidders who are desirous of attending the tender opening may make arrangements for attending the tender opening at their cost.

7. E-Tenders are invited for <u>Aerosol Sampler with automatic filter change</u> listed below. The Bids are to be prepared and submitted in specified Templates online, by logging into the portal https://eprocure.isro.gov.in. Submission of Bids involves two stages to be performed by Vendors - Submission of Bids and Open Authorization. The Bids remain encrypted with the bidders's public key, until the Open Authorization stage. All those Bids where Open Authorization is not given, are automatically disqualified. Such Bids will not be openable and will not be considered for further processing. The Vendors are advised to submit the Bids much before the Closing Time to avoid last minute problems.

E-Procurement No. VSSC/AVN-PUR/2019E1839501 Dt. 18.02.2020 and Print Media Advertisement ref. No. VSSC/P/ADVT/298/2019 Dt. 06.03.2020. E-Tenders are invited for Aerosol Sampler with automatic filter change through our E-procurement site https://eprocure.isro.gov.in. Tender documents can be downloaded upto-23.04.2020 [14:00 Hrs.], Tender Opening date: 05.05.2020 [14:05 Hrs.].

Only online tenders will be accepted. No manual / Postal / e-mail / fax offers will be entertained. No manual tender document will be issued. Parties interested to participate in this e-Tender are required to register themselves as vendors, if not already registered, in our e-procurement portal https://eprocure.isro.gov.in by downloading plugins and help demos listed on the home page of the e-procurement link mentioned above to complete the vendor registration process. They can seek help from help desk 080 6780 7786 also as provided in the home page of e-procurement portal in case of any problem for registration and subsequent process. Vendors may please note that without registering in our e-procurement portal, they will not be able to quote for this e-tender.

Important Notice: Tender shall be opened on the first day of the schedule [ie. 05.05.2020 [14:05 Hrs.]. If the tender could not be opened on the first day due to any technical snag, it will be opened on the subsequent day as per the schedule. Bidders who are desirous of attending the tender opening may make arrangements for attending the tender opening at their cost.

8. E-Tenders are invited for <u>Supply, Installation and Commissioning of PLC & SCADA System</u> listed below. The Bids are to be prepared and submitted in specified Templates online, by logging into the portal https://eprocure.isro.gov.in. Submission of Bids involves two stages to be performed by Vendors - Submission of Bids and Open Authorization. The Bids remain encrypted with the bidders's public key, until the Open Authorization stage. All those Bids where Open Authorization is not given, are automatically disqualified. Such Bids will not be openable and will not be considered for further processing. The Vendors are advised to submit the Bids much before the Closing Time to avoid last minute problems.

E-Procurement No. VSSC/PRSOPURCH/2020E1939901 Dt. 18.02.2020 and Print Media Advertisement ref. No. VSSC/P/ADVT/298/2019 Dt. 06.03.2020. E-Tenders are invited for <u>Supply, Installation and Commissioning of PLC & SCADA System</u> through our E-procurement site https://eprocure.isro.gov.in. Tender documents can be downloaded upto 23.03.2020[14:00 Hrs.], Tender Opening date: 26.03.2020 [11:01 Hrs.].

Only online tenders will be accepted. No manual / Postal / e-mail / fax offers will be entertained. No manual tender document will be issued. Parties interested to participate in this e-Tender are required to register themselves as vendors, if not already registered, in our e-procurement portal https://eprocure.isro.gov.in by downloading plugins and help demos listed on the home page of the e-procurement link mentioned above to complete the vendor registration process. They can seek help from help desk 080 6780 7786 also as provided in the home page of e-procurement portal in case of any problem for registration and subsequent process. Vendors may please note that without registering in our e-procurement portal, they will not be able to quote for this e-tender.

Important Notice: Tender shall be opened on the first day of the schedule [ie. 26.03.2020 [11:01 Hrs.]. If the tender could not be opened on the first day due to any technical snag, it will be opened on the subsequent day as per the schedule. Bidders who are desirous of attending the tender opening may make arrangements for attending the tender opening at their cost.

This is a two part tender, Technical & Commercial part (Part I) and Price Part (Part II) shall be submitted separately. The tenderers should not attach any documents containing Price information along with Technical & Commercial Bid (Part I). We do not open PART II (Price Bid), if PART-I (Technical & Commercial offer) does not meet with our technical specification requirements. Cost split up, other price details etc. shall be uploaded as a separate document under COMMERCIAL DOCUMENTS FROM VENDOR tab.

9. E-Tenders are invited for <u>Instrumented Charpy Impact Testing Machine</u> listed below. The Bids are to be prepared and submitted in specified Templates online, by logging into the portal https://eprocure.isro.gov.in. Submission of Bids involves two stages to be performed by Vendors - Submission of Bids and Open Authorization. The Bids remain encrypted with the bidders's public key, until the Open Authorization stage. All those Bids where Open Authorization is not given, are automatically disqualified. Such Bids will not be openable and will not be considered for further processing. The Vendors are advised to submit the Bids much before the Closing Time to avoid last minute problems.

E-Procurement No. VSSC/MMEPUR/2020E1935101 Dt. 24.02.2020 and Print Media Advertisement ref. No. VSSC/P/ADVT/298/2019 Dt. 06.03.2020. E-Tenders are invited for Instrumented Charpy Impact Testing Machine through our E-procurement site https://eprocure.isro.gov.in. Tender documents can be downloaded upto 23.03.2020 [14:00 Hrs.], Tender Opening date: 27.03.2020 [10:01 Hrs.].

Only online tenders will be accepted. No manual / Postal / e-mail / fax offers will be entertained. No manual tender document will be issued. Parties interested to participate in this e-Tender are required to register themselves as vendors, if not already registered, in our e-procurement portal https://eprocure.isro.gov.in by downloading plugins and help demos listed on the home page of the e-procurement link mentioned above to complete the vendor registration process. They can seek help from help desk 080 6780 7786 also as provided in the home page of e-procurement portal in case of any problem for registration and subsequent process. Vendors may please note that without registering in our e-procurement portal, they will not be able to quote for this e-tender.

Important Notice: Tender shall be opened on the first day of the schedule [ie. 27.03.2020 [10:01 Hrs.]. If the tender could not be opened on the first day due to any technical snag, it will be opened on the subsequent day as per the schedule. Bidders who are desirous of attending the tender opening may make arrangements for attending the tender opening at their cost.

This is a two part tender, Technical & Commercial part (Part I) and Price Part (Part II) shall be submitted separately. The tenderers should not attach any documents containing Price information along with Technical & Commercial Bid (Part I). We do not open PART II (Price Bid), if PART-I (Technical & Commercial offer) does not meet with our technical specification requirements. Cost split up, other price details etc. shall be uploaded as a separate document under COMMERCIAL DOCUMENTS FROM VENDOR tab.

10. E-Tenders are invited for <u>Supply, Installation and Commission of CNC Lathe</u> listed below. The Bids are to be prepared and submitted in specified Templates online, by logging into the portal https://eprocure.isro.gov.in. Submission of Bids involves two stages to be performed by Vendors - Submission of Bids and Open Authorization. The Bids remain encrypted with the bidders's public key, until the Open Authorization stage. All those Bids where Open Authorization is not given, are automatically disqualified. Such Bids will not be openable and will not be considered for further processing. The Vendors are advised to submit the Bids much before the Closing Time to avoid last minute problems.

E-Procurement No. VSSC/MMEPUR/2020E1948101 Dt. 18.02.2020 and Print Media Advertisement ref. No. VSSC/P/ADVT/298/2019 Dt. 06.03.2020. E-Tenders are invited for <u>Supply, Installation and Commission of CNC Lathe</u> through our E-procurement site https://eprocure.isro.gov.in. Tender documents can be downloaded upto 24.03.2020[14:00 Hrs.], Tender Opening date: 27.03.2020 [11:01 Hrs.].

Only online tenders will be accepted. No manual / Postal / e-mail / fax offers will be entertained. No manual tender document will be issued. Parties interested to participate in this e-Tender are required to register themselves as vendors, if not already registered, in our e-procurement portal https://eprocure.isro.gov.in by downloading plugins and help demos listed on the home page of the e-procurement link mentioned above to complete the vendor registration process. They can seek help from help desk 080 6780 7786 also as provided in the home page of e-procurement portal in case of any problem for registration and subsequent process. Vendors may please note that without registering in our e-procurement portal, they will not be able to quote for this e-tender.

Important Notice: Tender shall be opened on the first day of the schedule [ie. 27.03.2020 [11:01 Hrs.]. If the tender could not be opened on the first day due to any technical snag, it will be opened on the subsequent day as per the schedule. Bidders who are desirous of attending the tender opening may make arrangements for attending the tender opening at their cost.

This is a two part tender, Technical & Commercial part (Part I) and Price Part (Part II) shall be submitted separately. The tenderers should not attach any documents containing Price information along with Technical & Commercial Bid (Part I). We do not open PART II (Price Bid), if PART-I (Technical & Commercial offer) does not meet with our technical specification requirements. Cost split up, other price details etc. shall be uploaded as a separate document under COMMERCIAL DOCUMENTS FROM VENDOR tab.

11. E-Tenders are invited for <u>Remote Band Proof Loading System</u> listed below. The Bids are to be prepared and submitted in specified Templates online, by logging into the portal https://eprocure.isro.gov.in. Submission of Bids involves two stages to be performed by Vendors - Submission of Bids and Open Authorization. The Bids remain encrypted with the bidders's public key, until the Open Authorization stage. All those Bids where Open Authorization is not given, are automatically disqualified. Such Bids will not be openable and will not be considered for further processing. The Vendors are advised to submit the Bids much before the Closing Time to avoid last minute problems.

E-Procurement No. VSSC/MVITPUR/2020E1938101 Dt. 25.02.2020 and Print Media Advertisement ref. No. VSSC/P/ADVT/298/2019 Dt. 06.03.2020. E-Tenders are invited for Remote Band Proof Loading System through our E-procurement site https://eprocure.isro.gov.in. Tender documents can be downloaded upto 30.03.2020 [17:00 Hrs.], Tender Opening date: 03.04.2020 [10:10 Hrs.].

Only online tenders will be accepted. No manual / Postal / e-mail / fax offers will be entertained. No manual tender document will be issued. Parties interested to participate in this e-Tender are required to register themselves as vendors, if not already registered, in our e-procurement portal https://eprocure.isro.gov.in by downloading plugins and help demos listed on the home page of the e-procurement link mentioned above to complete the vendor registration process. They can seek help from help desk 080 6780 7786 also as provided in the home page of e-procurement portal in case of any problem for registration and subsequent process. Vendors may please note that without registering in our e-procurement portal, they will not be able to quote for this e-tender.

Important Notice: Tender shall be opened on the first day of the schedule [ie. 03.04.2020 [10:10 Hrs.]. If the tender could not be opened on the first day due to any technical snag, it will be opened on the subsequent day as per the schedule. Bidders who are desirous of attending the tender opening may make arrangements for attending the tender opening at their cost.

This is a two part tender, Technical & Commercial part (Part I) and Price Part (Part II) shall be submitted separately. The tenderers should not attach any documents containing Price information along with Technical & Commercial Bid (Part I). We do not open PART II (Price Bid), if PART-I (Technical & Commercial offer) does not meet with our technical specification requirements. Cost split up, other price details etc. shall be uploaded as a separate document under COMMERCIAL DOCUMENTS FROM VENDOR tab.