

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
VIKRAM SARABHAI SPACE CENTRE (VSSC)
THIRUVANANTHAPURAM**

Tender for Supply of Dry Film Stripping Machine

Bids to be submitted online

Tender No.: VSSC/PURCHASE UNIT II (AVN)/VS202100420501 dated 29-09-2021

A. Tender Details

Tender No : **VSSC/PURCHASE UNIT II (AVN)/VS202100420501**

Tender Date : **29-09-2021**

Tender Classification: **GOODS**

Purchase Entity : **PURCHASE UNIT II (AVN)**

Centre : **VIKRAM SARABHAI SPACE CENTRE (VSSC)**

Procurement of Supply of Dry Film Stripping Machine

Procurement of Supply of Dry Film Stripping Machine

A.1 Tender Schedule

Bid Submission Start Date : **30-09-2021 11:15**

Bid Clarification Due Date : **19-10-2021 11:00**

Bid Submission Due Date : **29-10-2021 11:00**

Bid Opening Date : **02-11-2021 12:00**

Price Bid Opening Date : **09-11-2021 12:00**

B. Tender Attachments

NA

Instructions To Vendors

1. PROFORMA FOR INSTRUCTIONS TO TENDERERS AND TERMS AND CONDITIONS OF TENDER

1. c 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 or plant, machinery or equipment or part thereof.

2. Liquidated Damages

The Delivery Date mentioning in the Contract or Order will be the essence of the Contract. You shall strictly adhere to the delivery schedule mentioned in your quotation. Please confirm acceptance of LD clause and that you will strictly adhere to the delivery schedule.

3. Arbitration

In the event of any disputes, differences or claims arising out of or relating to the interpretation and application of the Contract, such disputes or differences or claims shall be settled amicably by mutual consultations of the good Offices of the respective Parties and recognizing their mutual interests attempt to reach a solution satisfactory to both the parties. If such a resolution is not possible, within 30 days from the date of receipt of written notice of the existence of such disputes, then the unresolved disputes or differences or claims 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 Amendment Act 2015 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 the Contract shall be continued by the CONTRACTOR during the pendency of arbitration proceedings, without prejudice to a final adjustment in accordance with the decision of the Arbitrator unless otherwise directed in writing by the DEPARTMENT or unless the matter is such that the works cannot be possibly continued until the decision whether final or interim of the Arbitrator is obtained.

4. Force Majeure

Neither the Purchaser nor the Contractor shall be considered default of the performance of their obligations under this contract if such performance is prevented or delayed for any causes beyond the reasonable control of the parties to the contract affected, such as Acts of God, war, riots, civil

commotion, illegal strikes, legal lockouts, epidemics, fire accidents, floods, earthquakes, proclamation or regulation or ordinance of any Government thereof, provided notice in writing of any such cause with necessary proof that the obligation under the contract is thereby affected or prevented or delayed, is given within 14 days from the happening of the event. As soon as the cause of force majeure has ceased to exist, the party whose ability to perform his obligation has been affected shall notify the other party of the actual delay that has occurred due to such force majeure conditions.

5. FOREIGN VENDORS ARE NOT PERMITTED TO QUOTE

- a. Only Class I and Class II Local suppliers as per Make in India Policy are eligible to participate in the bid
- b. The percentage of local content should be specifically mentioned in the offer, without which it will be summarily rejected.
- c. Preference will be given to Class I Local supplier and in their absence, Class II Local supplier will be considered.

6. Preference will be given to those tenders offering supplies from ready stocks and on the basis of FOR destination or delivery at site.

7. REJECTED STORES

Rejected stores will remain at destination at the Contractors risk and responsibility. If instructions for their disposal are not received from the Contractor within a period of 14 days from the date of receipt of the advice of rejection, the purchaser or his representative has, at his discretion, the right to scrap or sell or consign the rejected stores to Contractors address at the Contractors entire risk and expense, freight being payable by the Contractor at actuals.

8. The term Stores shall mean what the Contractor agrees to supply under the Contract as specified in the Purchase Order including erection of plants & machinery and subsequent testing, should such a condition is included in the Purchase Order.

9. SECURITY DEPOSIT Wherever, the Purchase Order value is Rs. 5.00 Lakhs or more, on acceptance of the tender, the Contractor shall, at the option of the Purchaser and within the period specified by him, deposit with him, in cash or in any other form as the Purchaser may determine, security deposit not exceeding three percent of the value of the Contract as the Purchaser shall specify. If the Contractor is called upon by the Purchaser to deposit, Security and the Contractor fails to provide the security within the period specified, such failure shall constitute a breach of the Contract, and the Purchaser shall be entitled to make other arrangements for the repurchase of the stores Contracted at the risk of the Contractor in terms of Sub-Clause ii and iii of clause regarding Delivery. b hereof and or to recover from the Contractor, damages arising from such cancellation.

10. Sales Tax and or other duties or levies legally leviable and intended to be claimed should be mentioned in the price bid template. If nothing is mentioned, then it will be presumed that the rate

quoted is inclusive of all taxes and duties.

11. TERMS AND CONDITIONS OF TENDER

12. TEST CERTIFICATE Wherever required, test certificates should be sent along with the despatch documents.

13. The Purchaser reserves the right to place order on the successful tenderer for additional quantity up to 25percent of the quantity offered by them at the rates quoted.

14. The authority of the person signing the tender, if called for, should be produced.

15. The purchaser shall be under no obligation to accept the lowest or any tender and reserves the right of acceptance of the whole or any part of the tender or portions of the quantity offered and the tenderers shall supply the same at the rates quoted.

16. PRICES Tender offering firm prices will be preferred. Where a price variation clause is insisted upon by a tenderer, quotation 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.

17. a Your offer should be valid for 90 days from the date of opening of the tender.

b Prices are required to be quoted according to the units indicated in the annexed tender form. When quotations are given in terms of units other than those specified in the tender form, relationship between the two sets of units must be furnished.

18. a All available technical literature, catalogues and other data in support of the specifications and details of the items should be furnished along with the offer.

b Samples, if called for, should be submitted free of all charges by the tenderer and the Purchaser shall not be responsible for any loss or damage thereof due to any reason whatsoever. In the event of nonacceptance of tender, the tenderer will have to remove the samples at his own expense.

c Approximate net and gross weight of the items offered shall be indicated in your offer. If dimensional details are available the same should also be indicated in your offer.

d Specifications: Stores offered should strictly confirm to our specifications. Deviations, if any, should be clearly indicated by the tenderer in his quotation. The tenderer should also indicate the Make or Type number of the stores offered and provide catalogues, technical literature and samples, wherever necessary, along with the quotations. Test Certificates, wherever necessary, should be forwarded along with supplies. Wherever options have been called for in our specifications, the tenderer should address all such options. Wherever specifically mentioned by us, the tenderer could suggest changes to specifications with appropriate response for the same.

19. The tenderer should supply along with his tender, the name of his bankers as well as the latest Income Tax clearance certificate duly countersigned by the Income Tax Officer of the Circle concerned under the seal of his office, if required by the Purchaser.

20. 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 Contractors successors, representative, heirs, executors and administrators unless excluded by the Contract.

21. The term Purchaser shall mean the President of India or his successors or assigns.

22. a All available technical literature, catalogues and other data in support of the specifications and details of the items should be furnished along with the offer.

b Samples, if called for, should be submitted free of all charges by the tenderer and the Purchaser shall not be responsible for any loss or damage thereof due to any reason whatsoever. In the event of nonacceptance of tender, the tenderer will have to remove the samples at his own expense.

c Approximate net and gross weight of the items offered shall be indicated in your offer. If dimensional details are available the same should also be indicated in your offer.

d Specifications Stores offered should strictly confirm to our specifications. Deviations, if any, should be clearly indicated by the tenderer in his quotation. The tenderer should also indicate the Make and Type number of the stores offered and provide catalogues, technical literature and samples, wherever necessary, along with the quotations. Test Certificates, wherever necessary, should be forwarded along with supplies. Wherever options have been called for in our specifications, the tenderer should address all such options. Wherever specifically mentioned by us, the tenderer could suggest changes to specifications with appropriate response for the same.

23. ACCEPTANCE OF STORES

a The stores shall be tendered by the Contractor for inspection at such places as may be specified by the purchaser at the Contractors own risk, expense and cost.

b It is expressly agreed that the acceptance of the stores Contracted for, is subject to final approval by the purchaser, whose decision shall be final.

c If, in the opinion of the purchaser, all or any of the stores do not meet the performance or quality requirements specified in the Purchase Order, they may be either rejected or accepted at a price to be fixed by the purchaser and his decision as to rejection and the prices to be fixed shall be final and binding on the Contractor.

d If the whole or any part of the stores supplied are rejected in accordance with Clause No. c above, the purchaser shall be at liberty, with or without notice to the Contractor, to purchase in the open market at the expense of the Contractor stores meeting the necessary performance and quality Contracted for in place of those rejected, provided that either the purchase, or the agreement to purchase, from another supplier is made within six months from the date of rejection of the stores as aforesaid.

24. As a Government of India Department, this office is exempted from payment of Octroi and similar local levies. Tenderers shall ensure that necessary Exemption Certificates are obtained by them from the Purchase Officer concerned to avoid any payment of such levies.

25. **DESPATCH** The Contractor is responsible for obtaining a clear receipt from the Transport Authorities specifying the goods despatched. The consignment should be despatched with clear Railway Receipt or Lorry Receipt. If sent in any other mode, it shall be at the risk of the Contractor. Purchaser will take no responsibility for short deliveries or wrong supply of goods when the same are booked on said to contain basis. Purchaser shall pay for only such stores as are actually received by them in accordance with the Contract.

26. GUARANTEE AND 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 found to have developed under proper use, arising from faulty stores 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 part thereof are faulty.

c If, in the opinion of the purchaser, it becomes necessary to replace or renew any defective stores such replacement or renewal 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.

d 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 defect has developed within the said period of 12 months or any other period or as to whether the nature of defects requires renewal or replacement, shall be final, conclusive and binding on the Contractor.

f To fulfill guarantee conditions outlined in a to e above, the Contractor shall, at the option of the Purchaser, furnish a Bank Guarantee as prescribed by the Purchaser

27. **PACKING FORWARDING AND INSURANCE** The Contractor will be held responsible for the stores being sufficiently and properly packed for transport by rail, road, sea or air to withstand transit hazards and ensure safe arrival at the destination. The packing and marking of packages shall be done by and at the expense of the Contractor. The purchaser will not pay separately for transit insurance, all risks in transit being exclusively of the Contractor and the Purchaser shall pay only for such stores as are actually received in good condition in accordance with the Contract.

2. Conditions for BIDDER FROM A COUNTRY WHICH SHARES LAND BORDER WITH INDIA

1. Any bidder from a country which shares a land border with India will be eligible to bid in this tender, only if the bidder is registered with the Competent Authority. Competent Authority for the purpose of registration shall be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT).

2.

Validity of Registration: Registration should be valid at the time of submission of bids and should be valid at the time of placement of order.

3. Any false declaration and non-compliance of the above would be a ground for immediate rejection of offer or termination of the contract and further legal action in accordance with the laws.

C. Bid Templates

C.1 Technical Bid - Supply of Dry Film Stripping Machine

1. Dry Film Stripping Machine

Item specifications for Dry Film Stripping Machine

| SI No | Specification | Value | Compliance | Offered Specification | Remark |
|-------|---|---|--------------------|-----------------------|--------|
| 1 | Equipment Name | As per vendor specification | Yes / No / Explain | | |
| 2 | Model No. | As per vendor specification | Yes / No / Explain | | |
| 3 | Make & country of origin | As per vendor specification | Yes / No / Explain | | |
| 4 | Equipment | Dry Film Stripper shall be capable of stripping uniformly dry film from inner & outer layers of PCBs using sodium / potassium hydroxide based stripping solutions for conventional as well as high interconnect (HDI) PCBs. | Yes / No / Explain | | |
| 5 | Overall dimension of machine | Shall be < 6.0 m | Yes / No / Explain | | |
| 6 | Overall dimension of machine (width) | Total width: 1800 mm (approx.) | Yes / No / Explain | | |
| 7 | Overall dimension of machine (Height) | Height : 1100 mm (approx.) | Yes / No / Explain | | |
| 8 | Overall dimension of machine (Conveyor) | Conveyer height: 950 ± 50 mm | Yes / No / Explain | | |
| 9 | Panel width (Max) | 600 mm | Yes / No / Explain | | |
| 10 | Panel width (Min) | 150 mm | Yes / No / Explain | | |
| 11 | Panel length (Min) | 150 mm (approx.) | Yes / No / Explain | | |
| 12 | Panel thickness (Min & Max) | 0.1- 5 mm or better | Yes / No / Explain | | |

| | | | | | |
|----|--------------------------|---|--------------------|--|--|
| 13 | PCB material | FR4, PTFE, Flex rigid | Yes / No / Explain | | |
| 14 | Conveyer direction | To be decided during drawing finalisation | Yes / No / Explain | | |
| 15 | Conveyer speed | Adjustable to meet dwell time of 30 secs – 3 min (approx.) | Yes / No / Explain | | |
| 16 | Process Modules | Input | Yes / No / Explain | | |
| 17 | Process Modules -1 | Stripper chamber 1 | Yes / No / Explain | | |
| 18 | Process Modules -2 | Stripper chamber 2 | Yes / No / Explain | | |
| 19 | Process Modules -3 | Rinse – cascade rinse (3 or more) | Yes / No / Explain | | |
| 20 | Process Modules -4 | Dryer | Yes / No / Explain | | |
| 21 | Process Modules -5 | Output | Yes / No / Explain | | |
| 22 | Material of construction | Self-supporting structure in Polypropylene (PP) / Stainless Steel (SS) | Yes / No / Explain | | |
| 23 | Hardware conveyer | Adjustable conveyer speed by inverter driven AC motors | Yes / No / Explain | | |
| 24 | Hardware PLC | Electrical console with PLC (Siemens S7 or better) / reputed brands like Omron, Alan Bradley etc., and display | Yes / No / Explain | | |
| 25 | Hardware pumps | All pumps shall be started in cascading mode based on PCB detection by input sensor | Yes / No / Explain | | |
| 26 | Hardware counters | Shall have operating hour counter / panel counter | Yes / No / Explain | | |
| 27 | Software | Party shall provide copies of all software as backup. All software license shall be perpetual and permanently handed over to VSSC | Yes / No / Explain | | |

| | | | | | |
|----|----------------------------------|--|--------------------|--|--|
| 28 | Input module | With free loading length of 550 mm (approx.) & board sensors | Yes / No / Explain | | |
| 29 | Stripping module -1 | 1 - Rollers at inlet & outlet to prevent solution leakage | Yes / No / Explain | | |
| 30 | Stripping module pump type | 1 - Two horizontal centrifugal pumps of suitable capacity for controlling top and bottom spray pipes separately | Yes / No / Explain | | |
| 31 | Stripping module valve | 1 - Manual valves at pump inlet shall be provided for pump maintenance | Yes / No / Explain | | |
| 32 | Stripping module ball valve | 1 - Separate ball valves shall be provided for upper and lower spray bars for controlling spray pressure and shall be provided with analog /digital pressure gauges | Yes / No / Explain | | |
| 33 | Stripping module nozzle type | 1 - Each manifold shall have atleast 8 numbers of quick disconnect bayonet spray pipe | Yes / No / Explain | | |
| 34 | Stripping module position | 1 - The upper & lower spray pipes shall be removed and repositioned | Yes / No / Explain | | |
| 35 | Stripping module nozzle | 1 - The top spray pipes shall have nozzles inclined to minimise the puddling effect to improve the stripping effect | Yes / No / Explain | | |
| 36 | Stripping module film collection | 1 - Film residue collection system shall be any one of the following <ul style="list-style-type: none"> •Rotating drum filter •Cyclone filter •Belt filter with electro-pneumatic valve and sensor for belt control system / sump filter for collection and easy removal of dry film residue | Yes / No / Explain | | |

| | | | | | |
|----|--------------------------------|---|--------------------|--|--|
| 37 | Stripping module heating | 1 - Heating system : Shall have suitable heating system to heat the stripper solution to 40 – 60 0C. The system shall have an accuracy of ± 2 0C. | Yes / No / Explain | | |
| 38 | Stripping module cooling | 1 - Cooling: Suitable cooling unit with SS cooling coil for controlling the temperature of stripping solution | Yes / No / Explain | | |
| 39 | Stripping module spray bar | 1 - Spray bar shall be of SS or PP and shall have suitable nozzles | Yes / No / Explain | | |
| 40 | Stripping module temperature | 1 - Temperature sensor shall be PT100 type, with alarm and shut-off in case of overheating | Yes / No / Explain | | |
| 41 | Stripping module minimum level | 1 - Minimum level control with alarm shall be provided | Yes / No / Explain | | |
| 42 | Stripping module antifoam | 1 - Provision for feeding antifoam shall be provided | Yes / No / Explain | | |
| 43 | Stripping module tank capacity | 1 - Tank capacity: 400 L (Approx.) | Yes / No / Explain | | |
| 44 | Stripping module filter system | 1 - External filter system to be provided for collecting fine residues from the stripping solution. | Yes / No / Explain | | |
| 45 | Stripping module -2 | 2 - Provision for shorter chamber for fresh stripping solution shall be provided for reducing the residues into the next rinse chamber | Yes / No / Explain | | |
| 46 | Stripping module -2 pump type | 2 - Shall be fitted with one suitable pump | Yes / No / Explain | | |
| 47 | Stripping module-2 valve | 2 - Manual valve at pump inlet shall be provided for pump maintenance | Yes / No / Explain | | |

| | | | | | |
|----|--------------------------------|---|--------------------|--|--|
| 48 | Stripping module -2 valve type | 2 - Separate ball valves shall be provided for upper and lower spray bars for controlling spray pressure and shall be provided with analog /digital pressure gauges | Yes / No / Explain | | |
| 49 | Stripping module -2 spray pipe | 2 - Each manifold shall have minimum two quick disconnect bayonet spray pipe | Yes / No / Explain | | |
| 50 | Stripping module -2 heater | 2 - Suitable SS heaters and cooling coils shall be provided. | Yes / No / Explain | | |
| 51 | Stripping module dosing | 2 - Additional tanks for dosing shall be provided for fresh solution (replenishment) | Yes / No / Explain | | |
| 52 | Rinse module | Shall have three or more chamber system with individual centrifugal pumps | Yes / No / Explain | | |
| 53 | Rinse module spray pipe | All chambers shall be fitted with suitable number of SS / PP upper and lower spray manifolds | Yes / No / Explain | | |
| 54 | Rinse module nozzle | Nozzles shall be made of SS / PP / PVC | Yes / No / Explain | | |
| 55 | Rinse module pressure gauge | One analogue pressure gauge shall be fitted to read back the water pressure on outlet of each pump | Yes / No / Explain | | |
| 56 | Rinse module inlet | The water inlet shall be controlled by solenoid valve with flow meter and shall be regulated based on the board sensor output | Yes / No / Explain | | |
| 57 | Rinse module filter | All chambers shall be fitted with suitable filter mechanism | Yes / No / Explain | | |
| 58 | Rinse module level | Level sensors shall be provided in all chambers. | Yes / No / Explain | | |

| | | | | | |
|----|---|--|--------------------|--|--|
| 59 | Drying module | Module shall be fitted with suitable blowers with heaters with cartridge filter at air intake. The air shall flow through two separate manifolds at lower and upper side of the conveyer. The heating zone shall be controlled by PT 100 temperature control | Yes / No / Explain | | |
| 60 | Output module | Shall be of SS / PP construction. Disk should be of PP / PEHD supported on SS shaft. | Yes / No / Explain | | |
| 61 | Sensor for panel movement | All modules shall be mounted with sensor for detection of panel | Yes / No / Explain | | |
| 62 | Floor protection tray - All modules shall be mounted with sensor for detection of panel | All modules shall be mounted with sensor for detection of panel | Yes / No / Explain | | |
| 63 | Safety & security | All electrical and electronic controls shall be enclosed in corrosion & humidity proof housing | Yes / No / Explain | | |
| 64 | Emergency stop | Provision for stopping of the equipment during operation at emergency shall be provided. | Yes / No / Explain | | |
| 65 | Alarm | Equipment shall be provided with visible / audible alarm for any malfunctioning with corresponding error message | Yes / No / Explain | | |
| 66 | Warranty | Comprehensive warranty for the machine for 2 years from the date of commissioning at VSSC. | Yes / No / Explain | | |
| 67 | Safety features | Tempered glass with safety switch shall be provided for stripping module 1, stripping module 2, cascade rinse and drier | Yes / No / Explain | | |

| | | | | | |
|----|---|---|--------------------|--|--|
| 68 | Personnel carrying out maintenance during warranty period | Only Engineers from OEM or Authorised dealers OEM trained engineers shall perform periodical / preventive maintenance (PM) during warranty period. Regarding training of dealers personnel, certificate from OEM shall be provided. | Yes / No / Explain | | |
| 69 | Maintenance during warranty period | PM as per OEM schedule and any number of breakdown calls shall be attended by the party during warranty period without commercial implications. Details of maintenance schedule, operations to be carried out, parts to be replaced, etc shall be detailed in the quote. Detailed service report after every PM and breakdown maintenance shall be generated by the Service Engineer. Satisfactory working of the machine after maintenance shall be demonstrated to the concerned VSSC engineer. | Yes / No / Explain | | |
| 70 | AMC proposal | Party shall provide detailed quotation for non-comprehensive AMC for 5 years after two-year warranty period. Details of service personal from Indian agent / OEM shall be mentioned in the proposal. Price list of spares also shall be provided with the quote. This is mandatory for considering your quotation for technical evaluation | Yes / No / Explain | | |

| | | | | | |
|----|--------------------------------|---|--------------------|--|--|
| 71 | Equipment life | Party shall ensure spares and technical service support for the quoted model till December 2030. | Yes / No / Explain | | |
| 72 | Accessories / consumables | Party shall quote for the equipment with necessary accessories / consumables required for operation at VSSC. All items for commissioning and operation during warranty period shall be supplied by the party. | Yes / No / Explain | | |
| 73 | Scope of supply | Party shall mention the detail scope of supply of hardware and software in the quote. | Yes / No / Explain | | |
| 74 | Optional accessories | Party shall quote for optional accessories with details of functions and features in the quote. | Yes / No / Explain | | |
| 75 | Service tools | Party shall provide one set of service tools for day to day maintenance of the equipment. | Yes / No / Explain | | |
| 76 | Authorisation for bidding | Quote shall be form either OEM or Authorised dealer of OEM for India. Dealer shall provide authorisation letter from OEM for bidding this enquiry. | Yes / No / Explain | | |
| 77 | Installation and commissioning | Shall be carried out by OEM engineers at VSSC | Yes / No / Explain | | |
| 78 | Delivery drawing | Vendor shall submit the design drawing of the line within two weeks of receipt of confirmed purchase order. | Yes / No / Explain | | |
| 79 | Delivery | Party shall specify the period required from the date of receipt of PO for delivery of equipment at VSSC | Yes / No / Explain | | |

| | | | | | |
|----|---------------------------|--|--------------------|--|--|
| 80 | Delivery and installation | Party shall install and commission the line within 4 weeks of site clearance by VSSC | Yes / No / Explain | | |
|----|---------------------------|--|--------------------|--|--|

[Document : Item Doc Dry Fim Stripping Machine_1_Annexure-Stripping27-02-2020.pdf](#)

2. OPTIONAL ACCESSORIES

Item specifications for OPTIONAL ACCESSORIES

| SI No | Specification | Value | Compliance | Offered Specification | Remark |
|-------|---------------|-------|--------------------|-----------------------|--------|
| 1 | Diametre | 3 mm | Yes / No / Explain | | |
| 2 | Length | 302mm | Yes / No / Explain | | |
| 3 | Diameter | 19 mm | Yes / No / Explain | | |

Supporting Documents required from Vendor

1. 2. Authorisation letter from OEM

2. 1. List of PCB facility/ies where similar/other installation of equivalent or higher capacity(working)has been carried out by party in india

5 additional documents can be uploaded by the vendor

C.2 Commercial Terms / Bid

| Sl. No. | Description | Compliance | Vendor Terms |
|---------|---|--------------------|--------------|
| 1 | f. Onsite non -comprehensive maintenance contract for 5 years after two-year warranty period | Yes / No / Explain | |
| 2 | e. Two-year comprehensive warranty for the complete system from the date of commissioning at VSSC | Yes / No / Explain | |
| 3 | d. Installation , commission and training of personal at VSSC by OEM for operation&maintenance of the complete equipment | Yes / No / Explain | |
| 4 | c. The system shall have process compatibility to handle glass epoxy (FR4), Glass-Polyimide, Rigid-Flex PCBs with thickness range from 0.10mm to 5.0mm | Yes / No / Explain | |
| 5 | b. The system shall be capable of stripping dry film uniformly from inner & outer layers for conventional as well as High Density inter connect (HDI) PCBs on both sides of the panel in one cycle. | Yes / No / Explain | |
| 6 | a. Party shall supply Dry Film Stripping machine with all necessary accessories meeting the specification as per the tender document at VSSC | Yes / No / Explain | |
| 7 | Warranty | Yes / No / Explain | |
| 8 | Training | Yes / No / Explain | |
| 9 | Security Deposit: Successful Tenderer shall submit Security Deposit equivalent to 3% of the order value valid for a period of 60 days beyond the date for completion of the Purchase Order shall be furnished. This security deposit is collected towards the performance of the Contract. The said Security Deposit shall be submitted either in the form of Bank Guarantee or Fixed Deposit receipts from Nationalised/Scheduled Banks. | Yes / No / Explain | |

| | | | |
|----|---|--------------------|--|
| 10 | I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. | Yes / No / Explain | |
| 11 | P & F charges, if any, please mention percentage. | Yes / No / Explain | |
| 12 | Installation Charges, if any | Yes / No / Explain | |
| 13 | Freight charges, if any. If yes ,please mention the percentage | Yes / No / Explain | |
| 14 | PO ordering address in full with Contact Persons Name, E-mail id, Phone No. [also attach your Quotation in PDF format without prices details]. | Yes / No / Explain | |
| 15 | You should update the address of your Principle/ agent [if applicable] in the new E procurement portal immediately . | Yes / No / Explain | |
| 16 | Foreign vendors are not permitted to quote 1.Only Class -I and Class-II Local suppliers as per make in India policy are eligible to participate in the bid. 2. The percentage of local content should be specifically mentioned in the offer, without which will be summarily rejected 3. Preference will be given to class-I Local Supplier and in their absence, class-II Local supplier will be considered. | Yes / No / Explain | |
| 17 | Taxes and other costs, if any. [Please Specify the rates]. Note: All Tax invoices issued by suppliers/service providers on or after July 01, 2017 shall invariably bear their GST registration number (GSTIN) and the applicable GST rates. In the absence of which, the invoices shall not be processed for payment. | Yes / No / Explain | |
| 18 | VSSC is a Public Funded Research Institution under the administrative control of Department of Space and is eligible for partial exemption of IGST @ 5% against IGST EXEMPTION CERTIFICATE. | Yes / No / Explain | |

| | | | |
|----|--|--------------------|--|
| 19 | Warranty [Minimum Two years from required.] | Yes / No / Explain | |
| 20 | Delivery Terms [Normal delivery terms - FOR Destination (for Indigenous cases). | Yes / No / Explain | |
| 21 | Delivery Period [Please Specify the period, LD Clause applicable] | Yes / No / Explain | |
| 22 | Payment [Within 30 days after receipt and acceptance for indigenous cases]. | Yes / No / Explain | |
| 23 | Quote Validity: Minimum 180 days [for Two Part Tender] from the date of Tender opening. | Yes / No / Explain | |
| 24 | 3% Performance Bank Guarantee valid two months beyond warranty period to be provided. | Yes / No / Explain | |
| 25 | Liquidated Damages @ 0.5% per week subject to maximum of 10% of order value is applicable beyond the promised delivery schedule. | Yes / No / Explain | |
| 26 | This tender is proposed as a DOMESTIC PUBLIC TENDER. This tender is restricted only to Class-I and Class-II Local Suppliers as defined under DPIIT Order dtd 04/06/2020- Preference to Make in India Order-2017 Revision. Non-Local Suppliers need not quote. Foreign OEMs/Agents quoting on behalf of Foreign OEMs are not permitted to quote. High Sea Sales Quotes not permitted. The bids shall be in INR only. | Yes / No / Explain | |
| 27 | This is a TWO-PART tender i.e. Techno-Commercial Bid (Part-I) and Price Bid (Part-II) shall be submitted separately. All technical and commercial terms and conditions shall be furnished in the Techno-Commercial Bid while price shall be indicated only in the Price Bid. Uploading price details anywhere else other than the price-bid shall lead to unconditional rejection of the tender. Please make note of the same. Tenderers are advised NOT TO UPLOAD any documents revealing the price of the main equipment, accessories, spares or AMC in technical & Commercial bid. They are however, requested to upload UNPRICED BIDS (i.e. Price details masked) showing appropriate breakup of components of main equipment, individual accessories and spares as desired. | Yes / No / Explain | |

| | | | |
|----|---|--------------------|--|
| 28 | Purchase preference to eligible vendors are applicable as per extant notifications issued by the Government of India. The Class-I/Class-II Local suppliers, at the time of submitting their offer, shall also indicate percentage of local content and provide self certification that the item (s) offered meets the local content requirement for Class-I/Class-II Local Suppliers as the case may be. They shall also give details of location (s) at which the local value addition is made. | Yes / No / Explain | |
| 29 | The vendor have to compulsorily submit the compliance statement online otherwise their offer will not be considered for further evaluation. Before entering the compliance statement, vendors are advised to refer the detailed specification provided. | Yes / No / Explain | |
| 30 | The Technical Specification/ Drawing/ Product Catalogues/ Works Carried by vendor/ Make offered etc. as a single PDF file without any financial details has to be uploaded online mode by the vendor. | Yes / No / Explain | |
| 31 | In cases if the item(s) offered exceed Rs. 10 Crores, the Class-I / Class-II Local Suppliers shall provide a Certificate from the statutory auditor or cost auditor of the company (in case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content. False Declarations will be in breach of the Code of Integrity under Rule 175 (1) (i) (h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law. | Yes / No / Explain | |
| 32 | Technical Bids will be opened at the scheduled due date & time. No further intimation will be sent in this regard. The schedule for price bid opening shown is only indicative. Price bids will only be opened in the case of parties who have been techno-commercially accepted, the details of which will be communicated at a later stage. | Yes / No / Explain | |

| | | | |
|----|--|--------------------|--|
| 33 | 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. | Yes / No / Explain | |
| 34 | Any other terms | Yes / No / Explain | |

C.3 Price Bid

| Sl. No. | Item | Quantity | Unit Price | Currency | Total Price | Remark |
|---------|---------------------------|-----------|------------|----------|-------------|--------|
| 1 | Dry Fim Stripping Machine | 1.00 Nos. | | - | | |
| 2 | OPTIONAL ACCESSORIES | 1.00 Sets | | - | | |

Common charges (Applicable for all items)

| | |
|--------------|--|
| Customs Duty | |
| IGST | |