**Invitation to Tender**

**PRE-PREG CUTTING/PLOTTING SYSTEM MACHINE**

**Ref: RD160-01**

# 1. About Piran Advanced Composites Limited

# Having worked on world leading projects in a variety of industries as a manufacturer and direct consultant to major projects we have now established ourselves offering a complete service from design, engineering and manufacture of one off, R&D, low volume and high volume structures and components. We have developed novel technologies to be able to offer high quality services to a variety of industries such as Aerospace, Defence, Medical, Automotive and Marine. Our experience ranges from ultra-lightweight novel Aerospace R&D aerostructures through to low/high volume propulsion and flight critical

# Components

# 2. Background and Context

As part of our continued growth and to increase our productivity, we have wish to purchase a re-preg ply kit cutting machine for cutting all of the pre-preg kits.

# The purchase of this system is part of a grant funded application process and therefore procurement will be subject to grant approval of the project. We will assess tenders received on lowest compliant Tender.

# 3. Tender requirements

The successful tenderer will be expected to provide an ex cutting/plotting machine:

1. Conveyor system Minimum of 1.5 m and a cut width and cut length of at least 2.5
2. A system to set a “zero” point on the cutting table, move the beam, map the table for any imperfections and plot pen line with an inbuilt pen module
3. At least a 7.5Kw vacuum pump system with 6 vacuum zones split evenly across the working area; 3 along the length and 2 across width.
4. Operating PC (touchscreen) and Monitor Workstation – Workstation with storage for PC and 2x Monitor; this is be a Windows 10 system preloaded with the required operating software to include:
	1. Front-End Operating Software (1 user) which acts a digital version of the control panel.
	2. Queueing system for 2 uses to organise and output cut files sent from a planning workstation which is detached from the machine
	3. Nesting plugin (1 user) to Zebra Cut which will nest any parts already imported into Zebra Cut. Nesting to set sheet sizes alongside detailed shapes.
5. Operator maintainer able where possible; supply of the necessary allen keys and associated tools to access the machine.
6. Auto depth senser to automatically measure the blade depth.
7. The ability to switch two cutting tools which quick change collars.
8. Laser Pointer, Jog Control, Table mapping and Inkjet system. This must have the capability to set a “zero” point on the cutting table, move the beam, map the table for any imperfections and print text via an on-board inkjet printer.
9. High speed oscillating knife with 0.6mm travel for fabrics and corrugated 3x BW42 and 3x BW16.
10. Static drag blade tool to supports most materials and collets for cutting different methods. 2x BW112 and 2x BW46
11. Material roll off unit for feeding rolled material up to 80kg.
12. Hopper used for the retrieval of cut material.
13. 2 day training course for 3 Piran Composites Limited Staff
14. 12 Month Warranty
15. Delivery to Piran Composites Limited’s Premises

4**. Budget**

The total maximum budget available for this commission is £120,000 (exc VAT) but inclusive of all expenses.

**Tenders that exceed the total budget will not be considered.**

The budget will be reviewed as part of the tender evaluation detailed in Section 10 and will reflect the degree to which there is a saving on the maximum budget

# 5. Tender and commission timetable

The timescale of the programme is from the date of signing the contract until acceptance by Piran Advanced Composites. The timetable for submission of the Tender, completion of the programme are set out below.

|  |  |
| --- | --- |
| **Milestone** | **Date** |
| Date ITT available on Contracts Finder | 2 August 2024 |
| Last date for clarifications to queries to be raised | 1700 9 August 2024 |
| Last date for response to clarifications to be posted on Contracts Finder | 1700 12 August 2024 |
| Deadline to return ITT | **1200: 21 August 2024** |
| Evaluation of ITT and award of Contract | 21 August 2024 |
| Award of Contract | 22 August 2024 |
| Installation at our premises no later than  | W/C 4 November 2024 |

# 6. Tender submission requirements

Please include the following information in your Tender submission.

6.1 Please provide your proposal and any necessary technical or specification sheets clearly showing how you meet the specific requirements in Section 3

6.2 Copy of your company’s Terms and Conditions and Payment Plan

6.3 Conflict of Interest statement as per section 8

**7. Sub-contracting**

Tenderers should note that a consortium can submit a tender but the sub-contracting of aspects of this commission after appointment will only be allowed by prior agreement with Piran Advanced Composites Limited.

**8. Conflicts of Interest**

Tenderers must provide a clear statement with regard to potential conflicts of interests. Therefore, **please confirm within your tender submission** whether, to the best of your knowledge, there is any conflict of interest between your organisation and Piran Advanced Composites Limited or its programme team that is likely to influence the outcome of this procurement either directly or indirectly through financial, economic or other personal interest which might be perceived to compromise the impartiality and independence of any party in the context of this procurement procedure.

Receipt of this statement will permit Piran Advanced Composites Limited to ensure that, in the event of a conflict of interest being notified or noticed, appropriate steps are taken to ensure that the evaluation of any submission will be undertaken by an independent and impartial panel.

# 9. Tender clarifications

Any clarification queries arising from this Invitation to Tender which may have a bearing on the offer should be raised by email to:

procurement@pirancomposites.co.uk

in accordance with the Tender and Commission Timetable in section 5.

Responses to clarifications will be anonymised and uploaded by Piran Advanced Composites Limited to Contracts Finder and will be viewable to all tenderers.

No representation by way of explanation or otherwise to persons or corporations tendering or desirous of tendering as to the meaning of the tender, contract or other tender documents or as to any other matter or thing to be done under the proposed contract shall bind Piran Advanced Composites Limited unless such representation is in writing and duly signed by a Director/Partner of the tenderer. All such correspondence shall be returned with the Tender Documents and shall form part of the contract.

# 10. Tender evaluation methodology

Each Tender will be checked for completeness and compliance with all requirements of the ITT. The award of the contract will be to the LOWEST COMPLIANT BID.

11**. Tender Award**

Any contract awarded as a result of this tender process will be in accordance with this ITT and the tenderer’s response.

# 12. Tender returns

Tenders are to be returned by email.

Tenders are to be returned in accordance with Section 5

Latest date to be returned: As per Section 5

Latest time to be returned: 17:00

Emailed tenders should be sent electronically to

procurement@pirancomposites.co.uk

with the following message clearly noted in the Subject box;

**‘PRE-PREG CUTTING/PLOTTING SYSTEM MACHINE’‘**

**Tenderers are advised to request an acknowledgement of receipt of their email.**

**13.** **Disclaimer**

The issue of this documentation does not commit Piran Advanced Composites Limited to award any contract pursuant to the tender process or enter into a contractual relationship with any provider of the service. Nothing in the documentation or in any other communications made between Piran Advanced Composites Limited or its agents and any other party, or any part thereof, shall be taken as constituting a contract, agreement or representation between Piran Advanced Composites Limited and any other party (save for a formal award of contract made in writing by Piran Advanced Composites Limited or on behalf of Piran Advanced Composites Limited).

Tenderers must obtain for themselves, at their own responsibility and expense, all information necessary for the preparation of their tender responses. Information supplied to the tenderers by Piran Advanced Composites Limited or any information contained in Piran Advanced Composites Limited’s publications is supplied only for general guidance in the preparation of the tender response. Tenderers must satisfy themselves by their own investigations as to the accuracy of any such information and no responsibility is accepted by Piran Advanced Composites Limited for any loss or damage of whatever kind and howsoever caused arising from the use by tenderers of such information.

Piran Advanced Composites Limited reserves the right to vary or change all or any part of the basis of the procedures for the procurement process at any time or not to proceed with the proposed procurement at all.

Cancellation of the procurement process (at any time) under any circumstances will not render Piran Advanced Composites Limited liable for any costs or expenses incurred by tenderers during the procurement process.