

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
U. R. RAO SATELLITE CENTRE (URSC)
BANGALORE**

Tender for Porous/Orifice type Airbearing Pads

Bids to be submitted online

Tender No.: URSC/CE/IS202200115001 dated 22-09-2022

A. Tender Details

Tender No : **URSC/CE/IS202200115001**

Tender Date : **22-09-2022**

Tender Classification: **GOODS**

Purchase Entity : **CE**

Centre : **U. R. RAO SATELLITE CENTRE (URSC)**

Procurement of Porous/Orifice type Airbearing Pads

- 1.URSC invites offers through e-tender portal <https://eproc.isro.gov.in> for the supply of following items.
- 2.This is a Public Tender under Two Part Basis. Only online tenders will be accepted. No manual/Postal/e-mail/Fax Offers will be entertained.
- 3.No Tender Fees Applicable. REPEAT No Tender Fees Applicable
- 4.This is a Two Part Public Tender. Please do not attach price details along with technical details in pdf or any format. If so, your offer shall be rejected.
- 5.Tender shall be opened on the first day of the schedule. In the event of any technical snags and if the tender could not be opened on the first day, it will be opened on the second/next working day as per the schedule.
- 6.We are exempted from the Payment of Customs Duty. Only 5 per cent Duty and 5 per cent IGST is applicable as per notification No.5/2018-Customs, dated 25.01.2018 Sl.No.,539 A.
- 7.Strict Compliance to our Commercial Terms and Conditions will have to be followed by the Vendor(s) or otherwise, your offer will be rejected.
- 8.Please peruse Tender Conditions properly while submitting the Quotation.
- 9.Government of India has implemented Goods and Service Tax (GST) w.e.f. 01.07.2017. The Tenderer(s) should mandatorily possess a valid GSTIN along with GST Registration Certificate. Please send duly self attested certificate of GST Registration along with offer(s), in the absence of which, your offer(s) will be invalid and shall not be considered. As per Government Notification No.47/2017-Integrated Tax (Rate), dated 14.11.2017, Concessional GST at the rate of 5 per cent is applicable.
- 10.TDS at the rate of 2 per cent on GST shall be effected from Bill on supply of Goods or Services

A.1 Tender Schedule

Bid Submission Start Date : **22-09-2022 16:20**

Bid Clarification Due Date : **06-10-2022 16:00**

Bid Submission Due Date : **13-10-2022 09:30**

Bid Opening Date : **13-10-2022 10:00**

Price Bid Opening Date : **13-10-2022 11:00**

B. Tender Attachments

Technical Write-up/Drawings

Document : [General specification](#)

Instructions To Vendors

C. Bid Templates

C.1 Technical Bid - Porous/Orifice type Airbearing Pads

1. Flat pad airbearing-25 mm Flat Round

Item specifications for Flat pad airbearing

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Dimension(in mm)	25 ± 10 %	Yes / No / Explain		
2	Ideal Load (Kg)	8 ± 20 %	Yes / No / Explain		
3	Fly Height at maximum load (in microns)	05 to 10	Yes / No / Explain		
4	Air Bearing Type	Flat pad airbearing - Circular	Yes / No / Explain		
5	Air Bearing Height	≤ 30mm	Yes / No / Explain		
6	Porous media	Carbon	Yes / No / Explain		
7	Housing Material /Finish	Aluminium/Anodized	Yes / No / Explain		
8	Flatness	< 1micron	Yes / No / Explain		
9	Viable Pressure Range	2.5-5 bar	Yes / No / Explain		
10	Recommended Guide Surface on pad has to operate	Aluminium, Stainless Steel, Granite	Yes / No / Explain		
11	Mounting Interface	Ball mounting screw and Ball retainer	Yes / No / Explain		
12	Air supply hose I/F	Standard pneumatic supply I/F.	Yes / No / Explain		
13	Pressure port thread	M3*0.5	Yes / No / Explain		
14	Compatibility	Clean room usages	Yes / No / Explain		

Document : Technical Specification

2. Flat pad airbearing-40mm Flat round

Item specifications for Flat pad airbearing

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Dimension(in mm)	40 ± 10 %	Yes / No / Explain		
2	Ideal Load (Kg)	24± 10 %	Yes / No / Explain		
3	Fly Height at maximum load (in microns)	05 to 10	Yes / No / Explain		
4	Air Bearing Type	Flat pad airbearing - Circular	Yes / No / Explain		
5	Air Bearing Height	≤ 30mm	Yes / No / Explain		
6	Porous media	Carbon	Yes / No / Explain		
7	Housing Material /Finish	Aluminium/Anodized	Yes / No / Explain		
8	Flatness	< 1micron	Yes / No / Explain		
9	Viable Pressure Range	2.5-5 bar	Yes / No / Explain		
10	Recommended Guide Surface on pad has to operate	Aluminium, Stainless Steel, Granite	Yes / No / Explain		
11	Mounting Interface	Ball mounting screw and Ball retainer	Yes / No / Explain		
12	Air supply hose I/F	Standard pneumatic supply I/F.	Yes / No / Explain		
13	Pressure port thread	M5*0.8	Yes / No / Explain		
14	Compatibility	Clean room usages	Yes / No / Explain		

Document : Technical Specification

3. Flat pad airbearing-50mm Flat round

Item specifications for Flat pad airbearing

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Dimension(in mm)	50 ± 10 %	Yes / No / Explain		
2	Ideal Load (Kg)	35 ± 10 %	Yes / No / Explain		
3	Fly Height at maximum load (in microns)	05 to 10	Yes / No / Explain		
4	Air Bearing Type	Flat pad airbearing - Circular	Yes / No / Explain		
5	Air Bearing Height	≤ 30mm	Yes / No / Explain		
6	Porous media	Carbon	Yes / No / Explain		
7	Housing Material /Finish	Aluminium/Anodized	Yes / No / Explain		
8	Flatness	< 1micron	Yes / No / Explain		
9	Viable Pressure Range	2.5-5 bar	Yes / No / Explain		
10	Recommended Guide Surface on pad has to operate	Aluminium, Stainless Steel, Granite	Yes / No / Explain		
11	Mounting Interface	Ball mounting screw and Ball retainer	Yes / No / Explain		
12	Air supply hose I/F	Standard pneumatic supply I/F.	Yes / No / Explain		
13	Pressure port thread	M5*0.8	Yes / No / Explain		
14	Compatibility	Clean room usages	Yes / No / Explain		

Document : Technical Specification

4. Flat pad airbearing- Ball mounting screw-round end

Item specifications for Flat pad airbearing

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Material	Stainless steel	Yes / No / Explain		

2	Ball diameter	13 mm	Yes / No / Explain		
3	Screw size(in mm)	M10 X 0.75 X 54	Yes / No / Explain		

Document : Technical Specification

5. Flat pad airbearing- Ball retaining clips

Item specifications for Flat pad airbearing

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Size	13 mm	Yes / No / Explain		
2	Compatibility	Flat pad airbearings	Yes / No / Explain		

Document : Technical Specification

Common Specifications (Applicable for all items)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	compatibility	Flat pad air bearing of all types and its accessories must be compatible of clean room usage	Yes / No / Explain		
2	Test result data-1	Performance plot(Load vs Lift) in operating pressure range must be provided	Yes / No / Explain		
3	Test result data-2	Surface finish(in RMS) of guide surface used in generating performance plot should be provided.	Yes / No / Explain		
4	Quotation	Quotation should include standard fittings compatible to above mentioned airbearings.	Yes / No / Explain		
5	Maintenance requirement	Any Maintenance requirement for proper functioning of the product has be mentioned in detail.	Yes / No / Explain		

6	Storage condition	Any specific storage condition required for air bearings and its accessories must be provided.	Yes / No / Explain		
7	Warranty	Necessary item warranty must be included.	Yes / No / Explain		

Supporting Documents required from Vendor

1. As per details Mentioned in specification sheet

5 additional documents can be uploaded by the vendor

C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	As per specification	Yes / No / Explain	
2	Provide compliance for General terms and conditions which is attached as a separate sheet in a document folder.	Yes / No / Explain	
3	Taxes : Government of India has implemented Goods and Services Tax [GST] w.e.f. 01.07.2017. The Tenderer[s] should mandatorily possess a valid GSTIN along with the GST Registration Certificate.	Yes / No / Explain	
4	Indicate the applicable Rate of GST for the quoted item/s	Yes / No / Explain	
5	Indicate the applicable HSN code/s for the quoted item/s	Yes / No / Explain	
6	Have you noted the applicability of GST in clause 6.0 of our General Terms and conditions attached to this Tender	Yes / No / Explain	

7	<p>Custom Duty: U R Rao Satellite Centre [URSC], Bengaluru is eligible for payment of Customs Duty at the rate of 5 per cent plus Social Welfare Cess at the rate of 10 per cent on CD & IGST at the rate of 5 per cent vide Notification No.12/12-Cus dated 17.03.2012 superseded by Notification No.50/17-Customs dated 30.06.2017 and as amended by Notification No. 5/2018-Customs dated 25.01.2018, Sl. No. 539A. The necessary Customs Duty Exemption Certificate (CDEC) shall be provided by URSC only to those bidders who claim Purchase Preference under Make in India Policy and fulfil all requirements of tender document applicable for Indigenous Manufacturer i.e., Class-I/Class-2 local supplier. Such Class-I/Class-2 local suppliers have to take note of this aspect and submit their Offer clearly mentioning that the quoted Price for Imported contents includes concessional Customs Duty as per above Notification. While requesting for issue of CDEC for the imported contents, the Tenderer[s] should mention the Item Description, Quantity and Value for which CDEC is to be provided for the bought out Imported Items. The necessary documentary proofs like P.O., on their Supplier, Invoice, AWB shall be produced while requesting for issue of CDEC from URSC. However, CDEC will be issued only to those successful Class-I/Class-2 local supplier, not exceeding the limit of foreign content declared in their quote. Also a declaration of the Supplier in their letter head that imported items in the Invoice are used for realization of ordered items.</p>	Yes / No / Explain	
8	<p>Delivery Terms [Indigenous Supply]: Tenderer[s] shall quote the Price[s] on FOR, URSC/ISITE, Bengaluru.</p>	Yes / No / Explain	
9	<p>Delivery Date/Completion Date: Delivery is the essence of the Contract. Tenderer[s] is/are hereby requested to mention the Firm Delivery Date/Completion Date. Also mention period required for installation & commissioning separately, in addition to the delivery period, if it is there in the scope.</p>	Yes / No / Explain	
10	<p>Mode of Despatch (Rail/Road)</p>	Yes / No / Explain	

11	Payment Terms: Payment shall be 100 per cent payment within 30 days after receipt and acceptance of Stores at URSC, Bengaluru	Yes / No / Explain	
12	Name of Suppliers Banker & Account Number with IFSC code	Yes / No / Explain	
13	<p>Security Deposit: The Contractor shall execute Security Deposit for 3 per cent of the value of the Purchase Order to ensure Satisfactory Performance of the Contract. The Security Deposit shall be executed within 20 days after Receipt of Purchase Order or any extension thereof. The Security Deposit is to be furnished in the form of Insurance Surety Bond/Account Payee Demand Draft or Fixed Deposit Receipt or Bank Guarantee from Nationalized Bank/Scheduled Bank approved by RBI. The Security Deposit shall be executed on a Non-Judicial Stamp Paper of Rs. 200/- value and shall be valid for a period of 60 days beyond the date of completion of the P.O/Contract.. In case the Contractor fails to furnish the Security Deposit within 20 days or any extension thereof the Purchase Order shall be Cancelled or Terminated and appropriate penal action shall be initiated. Any breach of the Terms and Conditions of the PO including Delivery Period, Security Deposit shall be forfeited and PO shall be terminated and cancelled at the Contractors risk, cost and liability. The Security Deposit will not carry any interest and shall be returned after completely executing the order. Adherence to this clause is compulsory or otherwise, the Tender will be rejected.</p>	Yes / No / Explain	

14	<p>Performance Bank Guarantee: The Contractor shall execute Performance Bank Guarantee for 3 per cent value of the Purchase Order for fulfillment of Warranty obligations. The PBG shall be executed through Insurance Surety Bond/Account Payee Demand Draft/ Fixed Deposit receipts or Bank Guarantee issued by a Nationalized Bank/Schedule Bank approved by RBI. The PBG shall be executed on a Non-Judicial Stamp Paper of Rs. 200/- value. The Performance Bank Guarantee shall be executed as per our specimen and shall be valid for a period of 60 days beyond the date of completion of all the terms and conditions of the P.O./expiry date of warranty period. The Performance Bank Guarantee shall be executed before claiming payment. The PBG will not carry any interest and shall be returned after completion of all the Contractual obligations of the Contract with a NO CLAIM CERTIFICATE issued by Contractor as per our Specimen enclosed. Adherence to this clause is compulsory or otherwise, the Tender will be rejected.</p>	Yes / No / Explain	
15	<p>Warranty/Guarantee: Tenderer[s] are requested the Indicate Applicable Standard Warranty/Guarantee Period. Warranty period shall commence from the date of acceptance of the goods by the purchaser. All the replacements during the Warranty period shall be carried out by the successful Tenderer[s] Free of all Cost including To & fro Freight Charges, taxes and duties, if any. Return of replaced parts/equipment shall be the responsibility of the Supplier, at their cost.</p>	Yes / No / Explain	

16	<p>Liquidated Damages: The time and date stipulated in the contract for completion of the work shall be deemed to be the essence of the contract. If the Contractor fails to deliver the Stores within the time specified in the Contract or any extension thereof or if the Contractor fails to maintain the required progress or comply with the relevant provisions of the general conditions of contract or special conditions of contract, if any and clear the site on or before the contract or extended date of completion, the Purchaser shall, without prejudice to any other right or remedy available under the law to Purchaser on account of such breach, recover from the Contractor as Liquidated Damages a sum one-half of one percent [0.5 percent] of the Contract price of the undelivered Stores for each calendar week of delay or part thereof. The total Liquidated Damages shall not exceed Ten percent [10 percent] of the Contract price of the undelivered stores. In case of delay in delivery of the Stores beyond the delivery date stipulated in the Purchase Order/Contract or any extension thereof, such Stores shall be received without prejudice to the right of the Purchaser to claim Liquidated Damages and without prejudice to the terms and conditions of the Purchase Order/Contract. Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected.</p>	Yes / No / Explain	
17	<p>Validity of Offer: The Bid and the prices quoted shall remain valid for 90 days for Single Part Tender. In case of Two Part Tender, bid validity shall remain valid for 120 days from the date of opening Part-1 and 90 days from the date of opening of Part-2 bid. Adherence to this clause is compulsory or otherwise, the Tender will be rejected.</p>	Yes / No / Explain	
18	<p>Pre-Delivery Inspection [PDI] [if Required]: The successful Tenderer[s] has to arrange for the necessary PDI of the Stores at the Contractor Factory Premises to enable URSC Engineers to carry out PDI. The PDI is applicable wherever the RFP document/Scope of Work calls for such an inspection.</p>	Yes / No / Explain	

19	Factory Acceptance Testing [FAT] [if Required]: The successful Tenderer[s] has to arrange for the necessary FAT of the Stores at the Contractor Factory Premises to enable URSC Engineers to carry out FAT. The FAT is applicable wherever the RFP document/Scope of Work calls for such as FAT.	Yes / No / Explain	
20	Tenderer[s] are requested to mention whether Installation, Testing, Commissioning, Demonstration, Acceptance and imparting Training is necessary for the Tendered Stores. Do not mention any price under this column in case of Two-Part Tender.	Yes / No / Explain	

21	<p>Arbitration (Local suppliers): :In the event of any dispute/s, difference/s or claim/s arising out of or relating to the interpretation and application of the Contract, such dispute/s or difference/s or claim/s 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 dispute/s, then the unresolved dispute/s or difference/s or claim/s shall be referred to the Sole Arbitrator appointed by the Parties by mutual consent, in accordance with the rules and procedures of Arbitration and Conciliation Act 1996 together with amendments thereto or any modification thereof. 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 Tenderer during the pendency of arbitration proceedings, without prejudice to a final adjustment in the accordance with the decision of the Arbitrator unless otherwise directed in writing by the Purchaser 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. Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected.</p>	Yes / No / Explain	
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22	b) Arbitration with Public Sector Undertakings: In the event of any dispute or difference relating to the interpretation and application of the Contract, such dispute or difference shall be taken up by either party for resolution through AMRCD as mentioned in DPE OM No. 4 (1)/2013 - DPE (GM) /FTS-1835 dated 22.05.2018. And/or amended thereafter.	Yes / No / Explain	
23	Applicable Law and Jurisdiction: Contract shall be interpreted, construed and governed by the Laws of India and the Courts in Bengaluru City alone shall have exclusive jurisdiction in this regard, to the extent permissible under the Arbitration and Conciliation Act, 1996. Non-acceptance to this Clause will amount to rejection of the Tender.	Yes / No / Explain	
24	Company postal address along with Email ID and Ph No.	Yes / No / Explain	
25	In case a bidder is an MSE, registered under NSIC or any other Government Agencies and would like to avail exemptions, offer should be accompanied with necessary registration certificate with declaration to consider their offer. Quotation received without such declaration and valid registration certificate will not be considered for exemptions under the Public Procurement Policy.	Yes / No / Explain	
26	Do you have Unique GeM Seller ID? If YES, provide details If NO, As per Office Memorandum No 6/9/2020-PPD dated 24/08/2020 of Department of Expenditure, it shall be mandatory for sellers providing Goods and Services to Central Government Organizations to be registered on GeM and obtain a Unique GeM Seller ID, at the time of Placement of Order/acceptance of contract. Tenderers shall ensure the same.	Yes / No / Explain	

27	Please refer the following OMs/orders issued by Govt. of India while submitting the bid: (i) No. P-45021/2/2017-PP (BE-II) dated 16.09.2020 (ii) F.No.6/18/2019-PPD (Public Procurement No.1) dated 23.07.2020 (iii) F.No.6/18/2019-PPD (Public Procurement No.2) dated 23.07.2020 and (iv) F.No.6/18/2019-PPD (Public Procurement No.3) dated 24.07.2020. All the provisions mentioned in the above OMs/orders shall be complied. If any deviation from the above OMs/order, your offer will be liable for rejection. All Bidders fulfilling the above orders, shall submit a valid registration certificate made with DPIIT, without which the offer shall not be considered.	Yes / No / Explain	
28	Country of Origin of quoted items. Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected.	Yes / No / Explain	
29	Based on the GOI order dated 16.09.2020 as mentioned above, provide declaration in Company Letter head indicating the following: a) Percentage of Local Content in the quoted items alongwith its break-up (in percentage only). It may be noted that Local Content shall not include services such as Transportation, Insurance, Installation, Commissioning, Training and after sales service support like AMC/CMC etc. - Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected.	Yes / No / Explain	
30	b) Details of the location(s) at which the local value addition is made. - Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected.	Yes / No / Explain	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	Flat pad airbearing-25 mm Flat Round	5.00 Nos.		-		
2	Flat pad airbearing-40mm Flat round	8.00 Nos.		-		

3	Flat pad airbearing- 50mm Flat round	10.00 Nos.		-		
4	Flat pad airbearing- Ball mounting screw-round end	15.00 Nos.		-		
5	Flat pad airbearing- Ball retaining clips	12.00 Nos.		-		