

## Tender Details

**Tender No:** SCL/PS2/2018E0089801

**Tender Date:** 22/01/2018

**Purchase Entity:** Pur\_Entity2

## Tender Notice

E-Procurement Tender No. SCL/PS2/2018E0089801 dated 22.01.2018. SEMI-CONDUCTOR LABORATORY [SCL] invites ONLINE offers in Two Part through e-tender portal <https://eprocure.isro.gov.in> for Supply, Installation, Commissioning, Testing, Demonstration and Training of Particle Size Analyzer with Zeta Potential. Tender documents can be downloaded from 23.01.2018 - 1601 hrs. to 20.02.2018 upto 1500 hrs. The vendors need to get registered in the e-tender portal to access tender and submit their offer online. Vendors need to have Digital Signature Certificate as detailed on our e-portal and corporate e-mail ID to register on the above portal. Only online tenders will be accepted. No Manual/Postal/courier/e-mail/fax tender will be entertained. Please note Tender fee shall not be applicable for tenders submitted on-line through this portal.

A Pre-bid conference shall be held with the prospective bidders at SCL on 07.02.2018 at 1100 hours (IST) to clarify issues regarding the specifications and other associated technical details of the subject procurement. The prospective bidders must, therefore, ensure that they or their authorized representatives attend the said pre-bid conference at SCL as per the given schedule. In order to enable meaningful discussions in the Pre-bid conference, the prospective Bidders are requested to list the queries/clarifications planned to be sought by them on this Tender in the Pre-bid conference, in a Query Sheet and send us the said Query Sheet in advance to reach us at least one day before the Pre-bid Conference.

Before submitting the bids, all prospective bidders are requested to go through the minutes of proceeding of the pre-bid conference which shall be placed at our website and take the same into account while submitting the bids. Please note that Tender of a firm who has not attended the Pre-bid

conference shall be disqualified. Vendors 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 020 25315555 / 9167969601 (Email: [support.isro@nextenders.com](mailto:support.isro@nextenders.com)) also the home page of e-procurement portal may be accessed for any technical help 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 tender.

## **Tender Attachments**

### **Technical Write-up/Drawings**

#### **Attachment - I:**

IDT0015490000000000isro05401.pdf

#### **Attachment - II:**

#### **Attachment - III:**

#### **Attachment - IV:**

#### **Attachment - V:**

### **Instructions to Tenderers (PT)**

∴

1. Interested tenderers may, at their option, login to <http://eprocure.isro.gov.in> and submit offers as per details in the tender notification.
2. Request for the extension of the due date will not be considered.
3. SCL reserves the right to accept or reject any / or all the tenders in part or full without assigning any reasons thereof. The bidder is at liberty to seek information related to bidding conditions, bidding process and/or rejection of its bid.
4. In this tender either the Indian Agent on behalf of the Principal/OEM or the Principal/OEM itself can bid, but both cannot bid simultaneously for the same item. Indian agents while quoting on behalf of their principals shall provide necessary latest authorization letter obtained from their Principals/Manufacturers in their bid.

5. 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 tender for the same item. If submitted, all offers submitted by the said agent shall be excluded from the procurement process.
6. The tenders of vendors who have not agreed to furnish Security Deposit and Performance Bank Guarantee as sought vide this tender shall be excluded from the procurement process.
7. The tenders of bidders where the validity of the tender is shorter than the period specified in the tender enquiry shall be excluded from the procurement process.
8. Late tenders, delayed tenders, fax quotations and e-mail quotations are not considered.
9. SCL reserves the right to verify all claims made by the bidder.
10. SCL reserves the right to change any milestone date of the tendering activity / tender schedule.
11. Tender which is not submitted in terms of instructions mentioned herein is liable to be rejected.
12. If tender opening date happens to be a public holiday, tender will be opened on the next working day and interested bidders may depute their representatives to attend the Tender Opening, with proper authorization.
13. 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 tenderer shall supply the same at the rates quoted.
14. It is expressly agreed that the acceptance of the Stores Contracted for is subject to final approval in writing by the Purchaser.
15. It is to be noted that the drawings, specifications, end-use, etc., given by the purchaser, are confidential and shall not be disclosed to any third party.
16. Prices are required to be quoted according to the units indicated in the tender. 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.
17. The Prices are to be mentioned both in figures as well as in words. The taxes, duties etc. are to be calculated and indicated in the column provided in online forms explicitly.
18. Bidders are expected to comply with commercial and other terms and conditions given in vendor specified terms of this tender. In case of any deviation, the reasons thereof should be clearly specified in the vendor specified terms column.
19. 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.

20. 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 non-acceptance of tender, the tenderer will have to remove the samples at his own expense.

21. 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.

22. Specifications: Stores offered should strictly confirm to our specifications. Deviations, if any, should be clearly indicated by the tenderer in his bid. The tenderer should also indicate the Make/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. 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.

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

25. Subletting and Assignment: The contractor/supplier cannot sublet, transfer or assign the order/Contract or any part thereof or interests therein or benefit or advantage thereof in any manner whatsoever, to any other party save with the previous written consent of the purchaser. Such consent by the purchaser, however, shall not relieve or discharge the contractor/supplier from any obligation, duty or responsibility under the Purchase Order/ Contract.

26. The contractor/supplier shall indemnify the purchaser against Workmen Compensation Act.

27. The authority of the person submitting the tender, if called for, should be produced.

28. This being a two part tender -Technical and Commercial part separate, the Technical part should not contain Pricing information. The tenders containing Price details in Technical part will be treated as unsolicited offers and rejected.

29. The bids shall be opened as per schedule indicated in the Tender in the presence of the bidders/their authorized representatives who may like to attend the tender opening against presentation of Authorization letter.

The schedule of opening of Price bids shall be intimated separately to the technically qualified bidders only.

30. Definitions:

a) The term Purchaser shall mean the Director, Semi-Conductor Laboratory or his successors or assignees.

b) 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, representatives, heirs, executors and administrators unless excluded by the Contract.

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 of plant, machinery, Software or equipment or part thereof.

d) The term Stores shall mean all that the Contractor agrees to supply under the Contract as specified in the Purchase Order including its installation, testing and commissioning as per the specifications.

### 31. PROCEDURE FOR EVALUATION OF TENDERS:

Technical Evaluation Criteria:

Vendor meeting the eligibility criteria and basic technical specifications mentioned in SCL Tender shall be considered to be technically qualified.

Evaluation of Price Bids

The following elements shall be considered for evaluation of Priced Commercial Offer:

a. Price quoted by the bidder in the price bid template for meeting the functionalities given in the Tender and Technical Specifications sheet.

b. Compliance with the Payment Terms prescribed in this tender document. In the event, the bidder offers Payment Terms stringent than SCL prescribed Payment Terms, the bid of the bidder shall be loaded based on MCLR of SBI prevailing on the date of opening of price bids.

c. Item wise cost of recommended spares and consumables required for one year of operation shall not be taken into account for evaluation of price bids.

d. Post warranty comprehensive AMC charge (including spares) for five years shall not be taken into account for evaluation of price bids.

### **Terms and Conditions - Imported Items**

∴

1. The Tenderers should submit the bids through e-procurement portal <http://eprocure.isro.gov> in and complete in all respects with technical specifications, including pamphlets and catalogues.

2. The bid should contain the following information:-

a. The FCA value for import by Air Freight upto IGI Airport, New Delhi.

b. Agency Commission: Bidders are required to provide the following information in respect of their authorised Indian Agent, if any, alongwith technical bid as the same is mandatory as is required for consideration of the bid. Name, Address, Telephone no. , fax no., email of the Indian Agent including the contact person. A letter from the Manufacturer/supplier in the current date certifying that the said Indian Agent is their authorised Indian Agent and also indicating the responsibilities/role of the Indian Agent under the proposed purchase. Renumeration/service charges payable to the Indian Agent under the proposed purchase. The amount of agency commission included in the price and payable to Indian Agent of the contractor shall be paid directly to the Indian Agents by the Purchasers in equivalent in Indian rupees on the basis of an invoice from him applying TT 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. The payment will be released to the Indian Agents within 30 days from the date of acceptance of the goods.

c. The earliest delivery period and country of origin of the Stores.

d. Bankers name and address of the contractor.

e. The approximate net and gross weight and dimensions of packages/cases.

f. Details of any technical service, if required for erection, assembly, commissioning and demonstration as applicable.

3. The FCA prices quoted should be inclusive of all taxes, levies, duties arising in the tenderers 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. Bids will not be entertained after the due date and time.

7. Offers made by Indian Agents on behalf of their Principals, should be supported by the necessary authorization letter from their Principals.

8. The details of Import License will be furnished in the Purchase Order.

9. The Authority of person submitting the tender, if called for, shall be produced.

10. Instruction/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 other offer in whole or in 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 dispatched by Indian Flagged Vessels/ Air India or through any Agency nominated by us.

14. Inspection/Test Certificates should be provided for the goods after testing it thoroughly at the Contractors 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 / damages sustained due to delay in fulfilling this responsibility.

16. For items having shelf life / those with maximum shelf should be supplied, if order is placed.



## Bid Templates

### Specifications of Particle Size Analyzer with Zeta Potential

#### Item Specifications

Sl. No	Specifications	Compliance (Yes /No)	Offered Specifications	Re
1	Scope & Application: A complete system with capability of measuring Particle size, Zeta potential and Molecular weight of dispersed particles/molecules in colloidal solutions viz. CMP slurries.			
1.0	GENERAL SPECIFICATION:			
1.1	Parameters to be measured : Particle Size, zeta potential & molecular weight.			
1.2	Sample Compatibility: Aqueous & Organic solvents and metal polishing slurries.			
1.3	Temperature control range: 0 to 90 deg C, with $\pm 0.3$ deg C or better			
1.4	Operating Temperature: Ambient.			
1.5	Condensation control: Purge using dry air.			

1.6	Laser Source: With suitable laser power for forward side & backwards scattering for concentrated samples.			
1.7	Detector: Avalanche photo diode (APD) detectors			
1.8	<p>Measurement/Scattering Angle: Two detectors at below scatter angles are mandatory:</p> <ul style="list-style-type: none"> <li>• Forward Angle: 13 deg-15 deg.</li> <li>• Backside Angle: 170 deg</li> </ul>			
1.9	<p>Auto-titrator: Suitable auto-titrator system should be supplied for automation of size and zeta potential measurement of dispersed particles in colloidal solutions as a function of pH, conductivity or additive concentration. The auto-titrator must be integrable with the quoted particle size analyzer equipment and must be controlled through single S/W on PC.</p>			
2.0	PARTICLE SIZING SPECIFICATIONS:			

2.1	Measurement Principle: Dynamic Light Scattering (DLS).			
2.2	Min. Concentration: 0.1 mg/mL or better			
2.3	Range: 0.5 nm – 8.0 &#956;m or better			
2.4	Min. sample volume: 20&#956;L or lesser			
2.5	Maximum sample conc.: upto 40% w/v or higher			
3.0	ZETA POTENTIAL MEASUREMENT SPECIFICATIONS:			
3.1	Measurement Principle: Phase Angle Light Scattering (PALS)			
3.2	Sensitivity: 10 mg/mL or better			
3.3	Zeta potential range: greater than $\pm$ 500 mV			
3.4	Mobility range: $\pm$ 20 &#956;. cm/V.s			
3.5	Zeta Potential size range: 5 nm - 50 &#956;m or better			
3.6	Maximum sample conc. : upto 40% w/v or higher			
3.7	Min. sample volume: 200 &#956;L or lesser			
3.8	Maximum sample conductivity: 200 mS/cm			

	or better			
4.0	MOLECULAR WEIGHT SPECIFICATIONS:			
4.1	Range: 10 kDa – 20 MDa or better			
5.0	SOFTWARE: Suitable Application S/W running in Windows™ environment and offering a user friendly graphics interface for analysis and data manipulation function. It should be capable of controlling the main equipment & auto-titrator and record the data automatically with pre-configured concentrations. There should be a provision of exporting data either in ASCII format or in JPEG/TIFF format.			

**Specs. of Particle Size Analyzer with Zeta Potential -contd.**

**Item Specifications -I**

Sl. No	Specifications	Compliance (Yes /No)	Offered Specifications	Re
6.0	REQUIRED ACCESSORIES:			
6.1	Computer: Branded PC with minimum sixth generation i5 processor 4 GB ram and 1 TB harddisk for operation of			

	<p>equipment through S/W with 22- 23 inch full HD colour monitor with licensed windows, MS office standard version and Antivirus for 3 years.</p>			
6.2	<p>Sampling Cell for Particle size: All types of sample cell used for particle sizing must be included in standard supply.</p> <p>Apart from that additional 5 Nos. of re-usable quartz/glass cell must be supplied.</p>			
6.3	<p>Sampling Cell for Zeta potential: All types of cells used for zeta potential measurement must be supplied along with standard supply apart from that following additional cells must be supplied.</p> <p>(i) Re-usable quartz/glass cuvette with electrode for Zeta Potential measurement; Qty: 1 set.</p> <p>(ii) Spare re-usable quartz/glass cuvette for Zeta Potential</p>			

	measurement; Qty: 5 nos.			
6.4	<p>NIST Certified Standard colloidal solution (for calibration) for Particle size:</p> <p>(i) Size range: 40-80 nm typical, Seal pack qty: 15 ml (min.); and</p> <p>(ii) Size range: 200-400 nm, typical; Seal-pack qty: 15ml (min.);</p> <p>Standards should be supplied at the time of installation and date of manufacture should not be more than one month old.</p>			
6.5	<p>Certified Standard colloidal solution (for calibration) for Zeta Potential: Zeta potential range: -30 mV to -60 mV typical, Seal pack qty: 15 ml (min.);</p> <p>Standard should be supplied at the time of installation and date of</p>			

	manufacture should not be more than one month old.			
6.6	<p>Titrants: Required titrants (acidic &amp; basic) to be used in auto-titrator must be provided; Seal-pack qty: minimum 100 ml. each.</p> <p>One additional probe for titrator must be provided.</p>			
7.0	OTHER TERMS & CONDITIONS:			
7.1	<p>INSTALLATION AND COMMISSIONING:</p> <p>Installation &amp; Commissioning will be done by company/factory trained service engineer.</p>			
7.2	<p>ACCEPTANCE: System would be accepted based on functional testing &amp; demonstration against certified reference/standard samples at SCL.</p>			
7.3	<p>TRAINING: Vendor to provide comprehensive training related to operation, calibration, maintenance &amp; safety of equipment at SCL, immediate after</p>			

	acceptance of the equipment. However, vendor should also answer to the queries over phone & email whenever required.			
7.4	<p>WARRANTY:</p> <ul style="list-style-type: none"> <li>• Vendor to provide comprehensive parts and labour warranty (excluding consumables) for a period of minimum 2 year after acceptance of the system by SCL.</li> <li>• List of consumable not covered under warranty shall be mentioned separately.</li> </ul>			
7.5	<p>POST-WARRANTY AMC:</p> <p>Vendor shall quote separately for post warranty comprehensive (labour &amp; parts) AMC for 5 years, for reference purpose only.</p>			
7.6	<p>RECOMMENDED SPARES AND CONSUMABLES:</p> <p>Vendor to provide itemized quote for spares and consumables for one year of operation, for reference only.</p>			
7.7	<p>TECHNICAL DOCUMENTATION:</p>			



	Vendor to supply hard and soft copy manuals related to operation, maintenance and schematic in English language.			
7.8	SAFETY: Technical documentation should include safety operating procedure.			
7.9	POWER & UTILITIES / FOOT PRINT DIMENSIONS: Single Phase, 220V ± 10%, 50 Hz ± 5%. Vendor to give a list of other facilities/utilities needed for installation & operation as applicable to the equipment.			
7.10	Party should have supplied at least 5 similar equipments (particle size analyzer with zeta potential) in last 5 years to Government labs. / R&D institutions/IITs.			

### Vendor Specified Terms

Description	Vendor Terms
<p>1.1 For imported stores, prices shall be quoted on FCA nearest International airport basis.</p> <p>1.2 For indigenous stores, prices shall be quoted on F.O.R destination basis i.e. SCL, S.A.S. Nagar, Mohali, Punjab exclusive of taxes as may be applicable.</p> <p>1.3 For indigenous stores, please indicate the rate of GST /any other Govt levy as applicable.</p>	

<p>1.4 Purchaser is entitled to concessional CGST of 2.5 % and IGST of 5 % as per Ministry of Finance, Department of Revenue, Notification Nos. 45/ 2017 Central Tax (Rate) and 47/2017 Integrated Tax (Rate) both dated 14th November, 2017 respectively and would accordingly issue Exemption Certificate in favour of the contractor quoting in Indian Rupees. The bidder should take note of the same while quoting the prices in Indian Rupees.</p> <p>1.5 The prices of the indigenous items shall also be exclusive of transit insurance which shall be arranged by the Purchaser and shall be to Purchaser account.</p> <p>1.6 For imported materials, the Purchaser is entitled to issue Customs duty exemption certificate (CDEC) to the contractor under customs notification no.51/96 dated 23.07.1996 and subsequent amendments to enable the contractor to avail off the benefit of concessional rate of customs duty under this notification. CVD under this notification is nil. In addition to the above CDEC, any documentary support requested by the contractor from the purchaser for customs clearance of goods against the above CDEC shall be provided by the purchaser.</p>	
<p>2. SECURITY DEPOSIT:</p> <p>On acceptance of the tender, the Contractor shall submit security deposit for ten percent (10 percent) value of the Purchase Order (PO) within 15 days from the date of PO towards successful execution of the PO. Security Deposit shall be submitted through Demand Draft / Bankers Cheque/ fixed deposit receipt or Bank Guarantee from any of the Scheduled Banks executed on non-judicial stamp paper of appropriate value, and shall be valid for a period of sixty (60) days beyond the date for completion of the Purchase Order.</p> <p>(This will be returned by SCL immediately on execution of the PO satisfactorily as per order terms. If not, the amount will be forfeited).</p>	
<p>3. DELIVERY PERIOD:</p> <p>The bidder shall specify the total time required for execution of the Purchase Order including supply, installation &amp; commissioning as per the tendered specifications.</p>	

<p>4. GUARANTEE &amp; REPLACEMENT:</p> <p>(a) The Contractor shall guarantee that the stores supplied shall comply fully with the specifications laid down, for material, workmanship and performance.</p> <p>(b) For a period of twenty four (24) 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 26 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.</p> <p>(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 26 months from the date of acceptance thereof.</p> <p>(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.</p> <p>(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 24 months or as to whether the nature of the defects requires renewal or replacement, shall be final, conclusive and binding on the Contractor.</p> <p>(f) PERFORMANCE BANK GUARANTEE:</p> <p>To fulfil guarantee conditions outlined in clause 4 (a) to (e) above, the Contractor shall furnish a Bank Guarantee (as per format given by purchaser) from any scheduled bank/ bank approved by the Purchaser for an amount equivalent to 10% of the value of the Contract and shall be valid for a period of 60 days beyond the expiry date of warranty period. On the performance and completion of the Contract in all respects, the Bank Guarantee will be returned to the Contractor</p>	

<p>without any interest.</p> <p>(g) All the replacement stores shall also be guaranteed for a period of 24 months from the date of arrival of the stores at purchasers site.</p> <p>(h) Even while the 24 months guarantee applies to all stores, in case where a greater period is called for by our specifications then such a specification shall apply in such cases the period of 26 months referred to in clause 6 (b) &amp; (c) shall be the asked for guarantee period plus two months.</p>	
<p><b>5. INSTALLATION, COMMISSIONING AND TRAINING:</b></p> <p>5.1. Installation as per Purchasers tendered specifications shall be carried out by the Contractor/factory trained service engineer at Purchasers site at S.A.S. Nagar, Punjab, India at no extra cost to the purchaser. The contractor shall provide in advance guidelines for preparation of the installation site and list of items to be supplied by the Purchaser during installation. On receipt of intimation from the Purchaser, the Contractor shall depute its engineer(s) to the Purchasers site within two weeks to carry out installation and commissioning and will demonstrate the functionality of the tendered equipment to Purchasers specifications as per the Scope of Installation, Testing and Commissioning and Acceptance Criteria given in Technical specifications sheet. The Contractor shall be responsible for any loss/damages sustained due to delay on the part of the Contractor to send its engineer for installation and commissioning.</p> <p>5.2. TRAINING:</p> <p>The vendor shall provide on-site comprehensive training to the concerned SCL personnel as specified in the tender specifications.</p>	
<p><b>6. SUPPLY OF SPARES AND SERVICES:</b></p> <p>The contractor shall guarantee supply of spares and services support for a period of at least eight (08) years post installation of the equipment. In the event of breach of this commitment on the part of the Contractor, Purchaser reserves the right to take appropriate measures including legal action claiming suitable compensation etc.</p>	

The bidder shall also quote for the following:

- i) Itemized quote for recommended spares and consumables required for one year of operation.
- ii) Post warranty comprehensive (labour & parts) AMC charge for five (05) years.
- iii) List of consumables not covered under warranty shall be mentioned separately.

The quote for the above shall be uploaded as a separate pdf file under tab Supporting documents from vendors (Commercial).

(However it may please be noted that prices of items at Sr. no.i) to iii) above are for reference purpose only and shall not be considered for commercial evaluation of bids).

**7. NEW MACHINE CERTIFICATE:**

The contractor shall submit a certificate alongwith the equipment as well as with the documents for claiming payment indicating the date of manufacture and certifying that the equipment supplied is brand new equipment and not used/refurbished/ remanufactured/reconditioned equipment.

**8. TERMS OF PAYMENT IN CASE OF OVERSEAS SUPPLIER[S]:**

8.1 Being a Department of the Government of India, the normal terms of payment are by Sight Draft. The payment shall be remitted as under:

90% of the value of the materials supplied shall be paid within 30 days of the receipt of the materials at purchaser site and the balance 10% amount shall be payable on successful installation, commissioning and acceptance of the equipment at Purchaser site against an Acceptance Certificate to be issued by the Purchaser.

8.2 While the purchasers bank charges shall be borne by the purchaser, the contractor shall bear the bank charges payable to his banker.

<p><b>9. TERMS OF PAYMENT IN CASE OF INDIGENOUS SUPPLIER[S]:</b></p> <p>90% of the value of the materials supplied shall be paid within 30 days of the receipt of the materials at purchaser site and the balance 10% amount shall be payable on successful installation, commissioning and acceptance of the equipment at Purchaser site against an Acceptance Certificate to be issued by the Purchaser.</p> <p>While the purchasers bank charges shall be borne by the purchaser, the contractor shall bear the bank charges payable to his banker.</p>	
<p><b>10. ADDRESS OF INDIAN AGENT:, if any</b></p>	
<p><b>11. VALIDITY:</b></p> <p>The tender must be valid for a minimum period of 120 days from the date of opening of bids.</p>	
<p><b>12. MODE OF DESPATCH:</b></p> <p>Generally, stores should be despatched through Indian Flagged Vessel / Air India or through any other Agency nominated by the purchaser whose contact details shall be indicated in the purchase order.</p> <p>A copy of the invoice and packing list should invariably be kept inside each of the packages.</p>	
<p><b>13. INSURANCE OF THE STORES:</b></p> <p>Insurance wherever necessary, will be arranged by the Purchaser. The necessity or otherwise of insurance will be as indicated in the Purchase Order/Contract.</p>	
<p><b>14. TECHNICAL DOCUMENTATION:</b></p>	

<p>The vendor shall provide Soft and Hard copy of technical documentation covering operation, maintenance and schematic.</p> <p>Technical documentation shall include safety operating procedure.</p> <p>All documentation shall be in English language only.</p>	
<p><b>15. DELAY IN COMPLETION/LIQUIDATED DAMAGES:</b></p> <p>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.</p> <p>Delivery of stores shall be complete on Installation, commissioning, Testing and Acceptance.</p>	
<p><b>16. PACKING &amp; FORWARDING:</b></p> <p>The Contractor shall pack and crate all stores for air/sea/road 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, air or sea. The Contractors shall be responsible for all damages due to improper packing.</p>	
<p><b>17. ARBITRATION:</b></p> <p>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</p>	

<p>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.</p> <p>In case of dispute arises with domestic/Indian suppliers, the applicable Arbitration procedure shall be as per Indian Arbitration &amp; Conciliation Act, 1996.</p>	
<p>18. APPLICABLE LAW:</p> <p>The Contract shall be interpreted, construed and governed by the laws of India.</p>	
<p>19. Any Other Term:</p>	

**Supporting Documents from Vendor**

**Attachment - I:**

**Attachment - II:**

**Price Bid Form**

Item Description	Slab Range	Qty	UOM	Currency	Unit Price
Supply, Installation,	-	1	No.	-	-



Commissioning, Testing, Demonstration and Training of:Particle Size Analyzer with Zeta Potential . SCL material Code: 210511899					
---------------------------------------------------------------------------------------------------------------------------------------------------------	--	--	--	--	--

Break-up of other taxes and other costs should be specified in respective narration columns.

Sum of these Break-up values should be specified in respective value columns.

**Supporting Documents from Vendor (Commercial)**

**Document attachment with price bid**

**Attachment - I:**

**Attachment - II:**