SAHA INSTITUTE OF NUCLEAR PHYSICS
(Autonomous Research Institute under the Dept. of Atomic Energy, Govt. of India)
SECTOR-I, BLOCK-'AF', BIDHANNAGAR
KOLKATA-700 064, INDIA
PHONE: 2337-5345-49, FAX: 091-33-2337-4637
Website: www.saha.ac.in

Sealed Single Part Tenders are invited from leading National/International manufacturers OR their accredited INDIAN ASSOCIATES for supply, installation and commissioning of the following equipments as per tender number given below. It consists of the technical specifications, techno – commercial terms and conditions and price part under schedule A, B, & C.

Sl. No	Tender No.	Brief Description of the Items	Qty.	Estimated Cost (INR)	Validity of Offer from the date of opening the tender	Date of Publishing of Tender	Last Date & Time for Submission of Tender	Date of Opening of Tender PART 1
1.	2016/08508 C&MB/HR/ AC/MSACR	Detergents (Please go through the detailed technical specification)	2 x 25gm each.	291072/-	180 DAYS	08.08.2017	06.09.2017 Up to 1.00 P.M.	06.09.2017 At 3.30 P.M.

Non-transferable tender documents including detailed technical specifications, and other terms and conditions can be had by the bidders directly by downloading from the Institute's website **www.saha.ac.in** or CPP Portal (ePublishing System, Government of India) which will be made available till last date of submission of tender. No tender documents will be issued physically from our office. All errata, addendum, extension etc. if any shall be published in the Institute website only.

The Institute reserves the right to accept/reject any/or all of the offers in full/part without assigning any reason whatsoever and the decision of the Institute shall be final and binding.

Registrar

Schedule 'A'

TENDER NO. 2016/08508/C&MB/HR/AC/MSACR

TECHNICAL SPECIFICATION OF THE DETERGENTS

1. **n-Dodecyl-β-D-Maltopyranoside (25gm x 2)**

Specifications:

Formula Weight: 510.6
CMC: (H_2O) ~ 0.17 mM (0.0087%)
CMC: (0.2M NaCl) ~ 0.12 mM
Aggregation Number: (H_2O) ~ 78-149
dn/dc: 0.1435 mL/g
Micelle Size: 72 kDa
Purity: ≥ 98% β+α (by HPLC analysis)
Percent Anomer: < 5% α (HPLC)
Percent Alcohol: < 0.05 Dodecanol (HPLC)
pH: 4-9 (1% solution in water)
Solubility: ≥ 20% (in water at 20°C)
Conductance: < 100 µS (10% solution in water)
Absorbance of a 1% solution in water
225 nm: < 0.2
260 nm: < 0.1
280 nm: < 0.1
340 nm: < 0.05

2. **n-Decyl-β-D-Maltopyranoside (25gm x 2)**

Specifications:

Formula Weight: 482.6
CMC: (H_2O) ~ 1.8 mM (0.087%)
CMC: (0.15M NaCl) ~ 1.8 mM
Aggregation Number: (H_2O) ~ 69
dn/dc: 0.1473 mL/gm
Purity: ≥ 97% β+α (by HPLC analysis)
Percent Anomer: < 5% α (HPLC)
Percent Alcohol: < 0.05 Decanol (HPLC)
pH: 4-9 (1% solution in water)
Solubility: ≥ 20% (in water at 20°C)
Conductance: < 100 µS (10% solution in water)
Absorbance of a 1% solution in water
225 nm: < 0.2
260 nm: < 0.1
280 nm: < 0.1
340 nm: < 0.05

3. **n-Octyl-β-D-Glucopyranoside (25gm x 2)**

Specifications:

Formula Weight: 292.4
CMC: (H_2O) ~ 18-20 mM (0.53%)
CMC: (0.1 M NaCl) 23.4 mM
Aggregation Number: (H_2O) ~ 27-100
dn/dc: 0.1159 mL/gm
Purity: ≥ 99% β+α (by HPLC analysis)
Percent Anomer: < 2% α (HPLC)
Percent Alcohol: < 0.005 Octanol (HPLC)
pH: 5-8 (1% solution in water)
Solubility: ≥ 20% (in water at 0-5°C)
Conductance: < 40 µS (10% solution in water)
Fluorescence: <10% (0.1% solution in water at 345nm)
Absorbance of a 1% solution in water
225 nm: < 0.1
260 nm: < 0.06
280 nm: < 0.04
340 nm: < 0.02

For further query with regard to technical specifications please contact Dr. H. Raghuraman, email id: h.raghuraman@saha.ac.in, contact no. +91-33-2337-5345 Extn. 1309.

Schedule 'B'

Sr. No.	Description	Bidder's Response
1	Payment Terms	
2	Delivery Period	
3	Validity of Offer (In days) Note: Minimum 60 days from the date of opening of e-tender documents for Tenders less than 5 lacs and Minimum 90 days from date of Opening of eTender documents for tenders Above 5 Lacs	
4	Guarantee / Warranty	
5	Name of the Contact Person	
6	Contact Nos.	
7	Company Address for correspondence	
8	Bidder Offer Reference no.	
9	Bid Dated	
10	Email ID	
11	Fax No.	
12	If Contract is to be Placed on different vendor. A) Name of vendor	
13	B) Address	
14	C) PIN/ZIP	
15	D) City	
16	E) Country	
17	F) Phone	
18	G) Email	
19	H) Fax	

Note:-

Fields which is not applicable can be filled by "NA"

Signature & Date

TECHNO - COMMERCIAL TERMS AND CONDITIONS

1) The tenderer should be of high technical & financial reputation and should have sufficient experience in supply, installation &commissioning of similar type of equipment to actual users. Above should be submitted along with their offer otherwise tenders will be liable for rejection. Envelope should be marked with tender reference number, name of the equipment and date of opening of tender. Tender will be opened on the day, date and time as specified in the tender NOTICE.
2) The tenderer should have requisite facilities for manufacturing/ testing and shop inspection as per National/International standards.
3) Indian firm can also apply on behalf of their foreign principals for offer in foreign currency clearly indicating the full address /telephone & Fax no etc. of the foreign bidder /original Manufacturer. Such tender shall be accompanied with authorization from the foreign bidders. An Indian firm is allowed to bid for only one foreign principal.
4) For equipment of imported nature involving payment in foreign exchange it is to be quoted by the foreign manufacturer/supplier directly, without associating their Indian agent if any, preferably on FOB / FCA price stating the port of shipment, country of origin, delivery schedule, warranty period and specific confirmation that the quoted price does not include payment of agency commission to any third party.
5) Against such offers, if statutory requirement demands clearance from concerned Governments the tenderers should confirm in their offer that "Export License" in that respect would be arranged by them at their cost.
6) Offers should be complete in all respects indicating therein the unit price(s) including manuals, make, model, duties and taxes, date of delivery, gross and net weight of the consignment, terms of payment together with the descriptive leaflet/catalogue/pamphlet.
7) All such offers shall remain valid at least for a period of 180 days.
8) The Institute shall not be responsible for delay, loss or non-receipt of the tender through post.
9) In case of any unavoidable circumstances, the opening of tenders may defer to a later date with information to the tenderers present on that date.
10) The aforesaid Tender is being issued with no financial commitment and purchaser reserves the right to change / vary any item or items thereof at any stage.
11) Detailed documentation of the tender downloadable from the website may be verified, if wished by the tenderer, at our office (Foreign Purchase Sec., extn. 1437 only) with prior appointment.
12) No tenderer shall be entitled for any compensation what so ever for rejection/non consideration of his tender.
13) Invitation of tender does not constitute any right or claim for issue of purchase order to the tenderer.
14) Bids will be opened in presence of the bidders or their authorized representatives who choose to attend on the date and time indicated above. The telegraphic tenders are not acceptable.
15) SINP will not be responsible for inaccessibility of the downloading facility for any reason whatsoever and in that case the tenderer(s) should contact to the tendering authority to verify the fact in case of confusion.
16) If any information furnished by the tenderer is found incorrect or false at a later stage he shall be liable to be debarred from ordering / tendering.
17) No advance payment will be allowed. Payment will be made after successful installation and acceptance by the HOD
18) The tender/contract/order shall be interpreted in accordance with the laws of the Union of India and all disputes shall be subject to Kolkata jurisdiction.
19) Tender to be dropped in the Tender Box (Foreign) kept near the security Reception Desk.
20) In a tender, either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.
21) If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.
22) Timely delivery is the essence of the contract. Purchaser reserves the right to levy the Liquidated damage for delay in supply beyond the contractual delivery date at the rate of 2% of the value of the materials for each month of delay. Accordingly liquidated damage for other proportion of delay will be on pro-rata basis.
23) Tender should be strictly as per Technical Specifications elaborated in the Tender documents.
24) Tenderer should sign on all the pages of the Technical & price bid.
25) Bidders are also requested to visit our website www.saha.ac.in for any amendment through corrigendum in the tender document. In case of any amendment, bidders will have to incorporate the amendments in their bid accordingly and submit this Corrigendum sheet with signature, date and seal with the tender document.
26) Incoterms Price should be quoted separately in terms of EXW/FOB/FCA.

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Please send your quotation along with this prescribed format (PRICE PART) only:

PRICE PART- SCHEDULE 'C'

NIT No. **2016/08508/C&MB/HR/AC/MSACR.**

Prices quoted should be inclusive of all taxes and duties. Prices quoted by the bidder, shall remain firm, fixed and valid until completion of the Contract and will not be subject to variation on any account. Bidder shall quote/fill the rate in INR/Foreign currency in round figure (without any figure in decimal).

Sl. No.	Description	Total price (INR/Foreign currency)
01.	ITEM: As per the required Spec. **Make/Brand and Model No.:**	
02.	ITEM: As per the required Spec. **Make/Brand and Model No.:**	
03.	**Less: Discount, if any**	
04	**Packing & Forwarding charges, if any**	
05.	**Custom/Excise duty if applicable on 1+2+3+4 above**	
06.	**CST/VAT as applicable on 1+2+3+4+5 above**	
07.	**Installation/commissioning/assembling charges if any**	
08.	**Service Tax on Installation/commissioning/assembling**	
09.	**Safe Delivery charges/Freight, if any**	
10.	**Insurance charges, if any**	
11.	**Service charges, if any**	
12.	**Any Other charges, if any**	
	Total landed cost (including all) at SINP in INR and/OR	
	Total Ex-works/FOB/FCA cost in Foreign currency	

Sl. No.	Description	Please mention clearly in this column
01.	Price Validity	
02.	Delivery & installation period	
03.	Payment Terms	

In Word (INR/Foreign currency): ……

1. We agree to provide necessary supplies for the above procurement at SINP site in accordance with the required specifications of the tender enquiry for the contract price indicated above, within the period specified in the bid document.

2. We confirm that the bid document is inclusive of all duties and levies.

Address of the Vendor Signature of the Vendor with Seal