



वै.औ.अ.प - भारतीय पेट्रोलियम संस्थान
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद)
देहरादून 248005

CSIR – INDIAN INSTITUTE OF PETROLEUM
(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)
DEHRADUN – 248 005 Uttarakhand
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Tender No. IIP/PUR/1/22-23/7948/PN/BFD/PO:

Date.29/08/2022

TENDER DOCUMENT

FOR

“Upgradation of BUCHI Glass Reactor”

बोली-आमंत्रण / निविदाआमंत्रणसूचना
INVITATION FOR BIDS / NIT

To,
M/s BUCHI AG
Gschwaderstr. 12 CH-8610
Uster/Switzerland

E-mail: info@buchiglas.in , purushottam.b@buchiglas.in

Sirs / Madam,

Director, CSIR-INDIAN INSTITUTE OF PETROLEUM, DEHRADUN-248005, UTTRAKHAND, INDIA herein after called as the 'Purchaser' is interested in the purchase of below mentioned material(s). Kindly submit your quotation with detailed terms & conditions alongwith maximum discount applicable to Govt. R&D Organization by E-mail at spant@iip.res.in, bharat.spo@iip.res.in & bdb@iip.res.in on or before **19.09.2022, 1100 hrs (IST)**.

S.No	Description	Qty
1	Upgradation of Glass Reactor 15 ltr. Spec. with rectification column Spare Part for Upgradation of BUCHI Glass Reactor Specifications Attached as annexure "A"	As Per Annexure "A"

-You need to submit Performance Bank Guarantee @3% of contract value within 21 days from the date of issue of Purchase Order valid for a period of 2 months beyond the warranty period.

Last Date of Submission : 19.09.2022 up to 11:00 AM

Date of Opening : 19.09.2022 at 11:30 AM

TERMS & CONDITIONS

- In case the prices quoted in foreign currency then the prices should be DAP, Dehradun .
 - Kindly fill all the forms as enclosed with the tender and provide along with your quotation.
 - Price reasonability certificate may be given as per format attached
 - The taxes applicable should be specified separately, if need be.
 - In case of import, our mode of payment is through wire transfer through State Bank of India, Main Branch, Dehradun.
 - Indian agents if any, the nature of service they will render and percentage of agency commission to be paid should be indicated.
 - Please furnish full specifications and other information regarding manufacturers name, model, grade, packing, warranty etc., for items quoted along with illustrated Leaflets and drawing.
 - The quotation must be in the form furnished by the Purchaser and should be free from corrections/erasures. In case there is any unavoidable correction it should be properly attested. If not the quotation will not be considered. Hand written Quotations will not be considered.
 - Complete specifications with manufacturer's Name and address should be given while quoting. Literature / brochures / pamphlets / technical data sheets / drawings must be enclosed with the quotation wherever applicable.
 - Net/Gross weight of material should be specified.
 - Validity of offer should be for a period of 120 days.
 - Minimum / Maximum delivery period should be specified.
- Note: where there is no mention of Packing & Forwarding, Freight, Insurance, taxes etc such offers shall be rejected as incomplete.**
- KINDLY MENTION THE NAME AND ADDRESSES OF THE CUSTOMERS YOU HAVE SUPPLIED THE ABOVE MENTIONED ITEM/INSTRUMENT/EQUIPMENT. (specially offered model client list)**
 - The price quoted shall remain fixed during the contract period and shall not vary on any account
 - The acceptance of quotations rests with Director, CSIR-IIP who does not bind himself to accept the lowest offer and reserves the right to himself to reject or partially accept any or all the quotations without assigning any reason.

For and on behalf of CSIR

Controller of Stores & Purchase
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Special conditions of contract(SCC)

The following Special Conditions of Contract (SCC) shall supplement and /or amend the General Conditions of Contract (GCC) Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

S.N	GCC Clause Ref	Condition
1	GCC 2.1.1)l(The Purchaser is: CSIR –Indian Institute of Petroleum, Institute Haridwar Road, Mohkampur, Dehradun –248005)Uttarakhand (INDIA
2	GCC 2.1.1)m(The Final Destination is: Director CSIR –Indian Institute of Petroleum, Institute Haridwar Road, Mohkampur, Dehradun –248005)Uttarakhand (INDIA
3	GCC 2.13.1	The amount of the Performance Security shall be 03 %of the contract value.
4	GCC 2.15.2	The marking and documentation within and outside the packages shall be:)a (Each package should have a packing list within it detailing the part No)s(, description, quantity etc.)b (Outside each package, the contract No., the name and address of the purchaser and the final destination should be indicated on all sides and top.)c (Each package should be marked as 1/x, 2/x, 3/x.....x/x, where "x "is the total No .of packages contained in the consignment.)d (All the sides and top of each package should carry an Appropriate indication /label /stickers indicating the precautions to be taken while handling/storage.
5	GCC 2.16.1	<p>Details of Shipping and other Documents to be furnished by the Supplier are:</p> <p><u>For goods manufactured abroad</u></p> <p>Within 24 hours of dispatch, the supplier shall notify the purchaser the complete details of dispatch and also supply following documents by Registered Post/courier and copies thereof by FAX/Email.</p> <p>(a) Two copies of supplier's Invoice giving full details of the goods including quantity, value, etc.;</p> <p>(b) Packing list;</p> <p>(c) Certificate of country of origin issued by supplier;</p> <p>(d) Manufacturer's guarantee and Inspection certificate;</p> <p>(e) Inspection certificate issued by the Purchaser's Inspector, if any;</p> <p>(f) Insurance Certificate, if required under the contract;</p> <p>(g) Name of the Vessel/Carrier;</p> <p>(h) Bill of Lading/Airway Bill;</p> <p>(l) Any other document(s) as and when required in terms of the contract.</p> <p>Note:</p> <p>01. The nomenclature used for the item description in the Invoices (s), packing list(s) and the delivery note(s) etc. should be identical to that used in the contract. The dispatch particulars including the name of the transporter should also be mentioned in the Invoice(s).</p> <p>02. The above documents should be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.</p>

6	GCC 2.16.2	In case of supplies from within India, the mode of transportation shall be by Air/Rail/Road. (retain one only) In case of supplies from abroad, the mode of transportation shall be by Air/Ocean. (retain one only)
7	GCC 2.17.1	The Insurance shall be for an amount equal to 110 %of the FOR destination value of the contract from within "warehouse to warehouse)final destination "(on "all risk basis "including strikes, riots and civil commotion.
8	GCC 2.21.3	The period of validity of the Warranty shall be One Year from the date of final installation.
9	GCC2.2 2.1	The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: <u>Payment for Goods supplied from abroad:</u> Payment of foreign currency portion shall be made in currency of the Contract in the following manner: (a) Payment Term: 100% payment through wire transfer after acceptance of material at CSIR-IIP, Dehradun subject to submission of PBG of 03% of Contract value valid 60 days beyond warranty & upon submission of the documents.
10	GCC 2.27.1	The penalty shall be 0.5 %per week or part of a week towards late delivery and towards delay in installation and commissioning.
	GCC 2.27.1	The maximum amount of penalty shall be 10%
11	GCC 2.34.1	The place of jurisdiction is Dehradun
12	GCC 2.35.1	For notices, the Purchaser's address is The Director Attention :Controller of Stores & Purchase Location :CSIR- IIP, Mohkampur Dehradun-248005
13	GCC 2.35.1	Tel: -910135 – 2525762 /754/945 Fax: -9100135 -2660072, 26600202-203 Email : spant@iip.res.in, bharat.spo@iip.res.in,
14	GCC 2.42.1	The integrity pact is to be signed.
15	GCC 2.42.2	The name and contact details of the IEMs are as under:

For and on behalf of CSIR

Controller of Stores & Purchase

Specifications of Upgradation of BUCHI Glass Reactor

Annexure 'A'

Description	Article No	Qty
Impeller-agitator DM-180 x 545 mm incl. key and sealing, glass lined steel blue GR-15	31.00012.0000	01
Spares for valve DN25 (6 no's Set)		6 set
Tab to valve DN25 Companion flange DN25 2-piece insert ring for flange DN25 2 x Hexagon-head bolt, M5x8 4 x Hexagon-head bolt, M6x25		
Valve bellow DN 25	09.00013.0000	06
Elbow DN25/2 to M-24 X 1.5 male 90°	31.20853.0000	02
Collar gasket "PS" DN 50	25.41050.0000	02
Collar gasket "KF-plane" DN300	25.46300.0000	01
O-ring 20.0x3.0 FEP/SIL	31.00844.0000	01
O-Ring Dm44.04x3.53 SIL/PFA	31.01263.0000	01
Valve cone Dm48x142 compl	31.00203.0000	01
Valve bushing Dm80x62	31.01262.0000	01
Coupling for "PS" plane joint DN 80	25.26080.0000	01
Bolt complete "büchiflex" M6 x 55 (Qty 6)	25.06001.0055	1 set
Flange, acc. to BZ 5346	31.00254.0000	01
O-ring 69.22x5.33 mm, Viton	31.00092.0000	01
Plug DN50 (3)	10.05040.0030	01
Coupling for "PS" plane joint DN 50	25.26050.0000	01
Bolt complete "büchiflex" M6 x 90 (Qty 6)	25.06001.0090	1 set
Sheath gasket "PS" DN 40 ePTFE	25.42040.0001	02
Sheath gasket "PS" DN 25 ePTFE	25.42025.0001	02
Spares for valve DN15 (2 no's Set)		2 set
Tab to valve DN15 Companion flange DN15 2-piece insert ring for flange DN15		

[Handwritten signature]

2 x Hexagon-head bolt, M5x8		
4 x Hexagon-head bolt, M6x20		
PTFE bellow DN15	09.00012.0000	02
Sanotrac oil for gearbox	42.10103.0000	01
Sealing ring "büchiflex" DN 25 (Qty 50)	25.40025.0000	1 set
Coupling "büchiflex" DN 25	25.00025.0000	02
Sealing ring "büchiflex" DN 15 (Qty 4)	25.40015.0000	1 set
Raschig rings 10x10mm 2 lt	15.27000.0000	2 lt
Dosing pump Gamma/X a 16 bar, 3.6 l/h, hydraulic connection 6x4mm Dosing head: PTFE/PTFE Diaphragm: PTFE/PTFE coated Dosing head: without vent without spring NP,TT,SS Hydraulic standard connection Housing: RAL5003/Hood: RAL2003 Electrical connection: 100- 230V,+/- 10%,50/60Hz 2 m cable Control variant: manual+Cont.m.PulseControl Dosing control: input with pulse evaluation Operating language: English Approvals: CE Operating instructions: English Manual control only.		1
Electro-pneumatic reflux divider valve DN25 compl. -double acting -pneum. air damper -hose connector 6mm -5/2 way solenoid valve 24V/DC 2.5W, EExmIIT5 IP65 -pneum. air 2-10 bar Documents: 1) Operating manual magnetic valve 2) CE-declaration of conf. 3) ATEX-declaration of conf.	15.02720.0000	01
Agitator shaft sealing EX RWD-30, Ex II 1G c / Ex II 2G c (Category 1G only in combination with the barrier gas system BGS- 01), with dry running UFPAC- sealing rings, FDA-conform, agitator upper part glass lined	31.01070.0000	01

Agitator

2

steel blue
(GR15...CR30K)
Documents:
1) works certificate 2.1 (S)
2) Operating manual
3) CE-declaration of conf.

Agitator drive 0,37kW 50Hz	31.00377.0000	01
Ex II 2G T4		
- motor 0,37 kW, EExeII T4		
230/400 V, 50 Hz, IP54		
SEV/Euronorm, type F71M-4		
art. no. 31.00695.0000		
- variable-speed transmission		
MR3-3 with hand speed		
adjustment 0/350 rpm.		
Ex II 2G/D ck T4		
art. no. 31.00986.0000		

(GR15...CR30-K)		
Documents:		
1) Operating instructions		
2) EC declaration of conf.		
Bottom outlet valve	31.00855.0000	01
DN50/40stand. cpl.,(GR15- K...GR60)acc. to Büchi drawing 10909/3documents:1) Operating instructions		
Quick-acting closure DN75 cpl.	31.00169.0000	01
Coupling Rotex, Dm16/14x66mm,		
(GR15-CR30)	31.01183.0000	01
Ex II 2G c IIC T4/T5/T6		
max. allowed torque 20 Nm		
Documents:		
1) Operating instructions		
2) CE-declaration of conf. d/e		
Rupture disc DN80/0,5 bar cpl.	31.00280.0000	01
Documents :1) inspection certificate EN 10 204-3.1. B		
Sealing ring "büchiflex" DN 40 (Qty 6)	25.40040.0000	1 set
Sealing ring "büchiflex" DN 70 (Qty 4)	25.40070.0000	1 set
Gasket DM107/80x2 mm,made of Viton, acc. to BZ 4125.06	31.00170.0000	01
Collar gasket "PS" DN 75/105	25.41075.0000	01
Insert ring of PS DN 80DM 110/80 x 3 mm	25.25080.0003	01
Disc of PTFE DM107x1 mm,acc. to BZ 4125.07	31.00171.0000	01
Bolt "flex" M 6x 65 cpl. (Qty 20)	25.06001.0065	1 set
Gasket DM44/22mm 2mm thick Flex-O-Form (modified PTFE) FDA-conform	31.00038.0000	01

Handwritten signature

For and on behalf of CSIR

Controller of Stores & Purchase

Form-1

Price Reasonability certificate

This is to certify that the prices quoted for <name of the Instrument> are best and minimum and we have not quoted the same on lesser rates than those being offered to CSIR-IIP, Dehradun to any customer nor we will do till the validity of offer or execution of Purchase Order.

Signature of Bidder _____

Name _____

Business Address _____

Form-2

Bidder Information Form

(a) The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted. This should be done on the letter head of the firm]

Date: [insert date (as day, month and year) of Bid Submission]

Tender No.: [insert number from Invitation for bids]

Page 1 of _____ pages

01.	Bidder's Legal Name [insert Bidder's legal name]
02.	In case of JV, legal name of each party: [insert legal name of each party in JV]
03.	Bidder's actual or intended Country of Registration: [insert actual or intended Country of Registration]
04.	Bidder's Year of Registration: [insert Bidder's year of registration]
05.	Bidder's Legal Address in Country of Registration: [insert Bidder's legal address in country of registration]
06	NAME AND ADDRESS OF BANK: BANK ACCOUNT NUMBER: TYPE OF ACCOUNT: IFSC CODE:
07.	Bidder's Authorized Representative Information Name: [insert Authorized Representative's name] Address: [insert Authorized Representative's Address] Telephone/Fax numbers: [insert Authorized Representative's telephone/fax numbers] Email Address: [insert Authorized Representative's email address]
08	COUNTRY OF ORIGIN OF PRODUCT (S):
09	ADDRESS OF THE PLACE OF MANUFACTURE / FACTORY / PLACE WHERE LOCAL CONTENT VALUE ADDITION IS DONE BY MANUFACTURER:
10	If item is imported and is from a country sharing land border with India, then Registration certificate details like number, date and validity date:
11.	Attached are copies of original documents of: [check the box(es) of the attached original documents] Articles of Incorporation or Registration of firm named in 1, above.

Signature of Bidder _____

Name _____

Business Address _____

Form-3

Bid-Securing Declaration Form

Date: _____

Bid No. _____

To (insert complete name and address of the purchaser)

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

- (a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
- (b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity
 - (i) fail or reuse to execute the contract, if required, or
 - (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration).

Name: (insert complete name of person signing the Bid Securing Declaration)

Duly authorized to sign the bid for and on behalf of : (insert complete name of Bidder)

Dated on _____ day of _____(insert date of signing)

Corporate Seal (where appropriate)

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)

Form -4

PERFORMANCE STATEMENT FORM

(For a period of last 5 years)

Name of the Firm.....

Order Placed by (full address of Purchaser)	Order No. and date	Description and quantity of ordered equipment	Value of order	Date of completion of deliver as per Contract	Date of actual completion of delivery	Remarks indicating reasons for late delivery, if any	Has the equipment been installed satisfactory ? (Attach a certificate from the purchaser/ Consignee)	Contact person along with Telephone No., FAX No. and e-mail address

Signature and Seal of the manufacturer/Bidder

Place :

Date :

DEVIATION STATEMENT FORM

Sl.No.	Name of Specifications / Parts / Accessories of Tender Enquiry	Specifications of Quote Model / Part / Accessory	Compliance Whether Yes of No	Deviation, if any to be indicated in unambiguous terms (The compliance / Deviation should be supported by relevant Technical Literature)	Technical justification for the deviation, if any. If specification is superior /inferior than asked for in the enquiry, it should be clearly brought out in the justification
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Signature of Bidder

- ✓ If the bidder offers more than one model, then the Compliance Statement must be enclosed for each and every model separately.
- ✓ The technical and commercial deviations should be indicated separately.
- ✓ If the bidder fails to enclose the compliance statement, his bid is likely to be rejected.

Place:

Date:

Signature and seal of the
Manufacturer/Bidder

NOTE:

- 1) Where there is no deviation, the statement should be returned duly signed with an endorsement indicating "No Deviations".

Form -6

SERVICE SUPPORT FORM

Sl. No.	Nature of training Imparted	List of similar type of equipment serviced in the past 3 years	Address, Telephone Nos. , Fax Nos. and e-mail address

Signature and Seal of the manufacturer/Bidder.....

Place :

Date :

Form -7

Bid Form

[The Bidder shall fill in this Form in accordance with the instructions indicated No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: *[insert date (as day, month and year) of Bid Submission]*

Tender No.: *[insert number from Invitation for Bids]*

Invitation for Bid No.: *[insert No of IFB]*

To: *[insert complete name of Purchaser]*

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[insert the number and issuing date of each Addenda];*
- (b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *[insert a brief description of the Goods and Related Services];*
- (c) The total price of our Bid, excluding any discounts offered in item (d) below, is: *[insert the total bid price in words and figures, indicating the various amounts and the respective currencies];*
- (d) The discounts offered and the methodology for their application are:
Discounts: If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*
- (e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 1.17.1 from the date fixed for the bid opening, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 1.43 and GCC Clause 2.13 for the due performance of the Contract and also submit order acceptance within 14 days from the date of contract in accordance with ITB Clause 1.42 and GCC Clause 2.44;
- (g) The following commissions, gratuities, or fees have been paid or are to be paid with respect to the bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]*

Name of Recipient	Address	Reason	Amount
_____	_____	_____	_____

Form-8

Format for declaration by the Bidder for Code of Integrity & conflict of interest
(On the Letter Head of the Bidder)

Ref. No: _____

Date _____

To,

(Name & address of the Purchaser)

Sir,

With reference to your Tender No. _____ dated _____ I/We hereby declare that we shall abide by the Code of Integrity for Public Procurement as mentioned under Para 1.3.0 of ITB of your Tender document and have no conflict of interest.

The details of any previous transgressions of the code of integrity with any entity in any country during the last three years or of being debarred by any other Procuring Entity are as under:

- a
- b
- c

We undertake that we shall be liable for any punitive action in case of transgression/contravention of this code.

Thanking you,

Yours sincerely,

Signature

(Name of the Authorized Signatory)

Company Seal

Form - 9 : PRICE SCHEDULE FORM FOR GOODS BEING OFFERED FROM ABROAD

Name of the Bidder _____

TENDER No. _____

1	2	3	4	5	6	7	8	9	10	11	12
Sl. No.	Item Description	Country of origin	Unit	Qty.	Unit price Indicating currency FOB (named port of shipment or FCA (named place of delivery) (retain only one))	Total price (5x6) FOB (named port of shipment) or FCA (named place of delivery) (retain only one)	Charges for Insurance & transportation to destination (including custom clearance charges)	Total price DAP <i>CSIR-IIP, Dehradun</i> (7+8)	Indian Agents Commission as a percent of FOB /FCA price included in the Quoted price (N.A.)	Approx. Shipment weight and volume	Indian Customs Tariff No and HSN No. (ICT & HSN No.)

Note:

Currency _____

Total Bid price in foreign currency _____

in words _____

(a) Indian agents name & address _____

(b) Installation, commissioning & training charges,
if any _____

Signature of Bidder _____

Name _____

(c) Cost of Spares, if any _____

Business Address _____

(d) The Indian agent's commission shall be paid in Indian Rupees only based on the Exchange Rate prevailing on the date of negotiation of documents in accordance with clause 22.1 of GCC.

(e) The cost of optional items shall be indicated separately.