



Indian Institute of Technology Bhilai (IIT Bhilai)

GEC Campus, Old Dhamtari Road, Sejbahar, Raipur, Chhattisgarh, India – 492015

www.iitbhilai.ac.in

NOTICE INVITING QUOTATION

FOR

“SUPPLY OF LAB CONSUMABLES”

Indian Institute of Technology Bhilai (IIT Bhilai), an autonomous body under the Ministry of Human Resource Development, Govt of India invites e-quotation for **“Supply of Lab Consumables at IIT Bhilai”**. Tender Documents may be downloaded from Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)). Bidders are advised to submit duly filled bids as per the following schedule:

Invitation for Bids (IFB) No & date	IITBh/Goods/Chem/2021-22/129 Dated: 08/10/2021
Place of Supply etc.	Indian Institute of Technology Bhilai GEC Campus, Old Dhamtari Road, Sejbahar, Raipur-492015, Chhattisgarh
Bid Submission Start date	October 14, 2021, 1400 Hrs
Last Date of Submission of Bids	November 01, 2021, 1500 Hrs
Date of Opening of Technical Bids	November 02, 2021, 1500 Hrs
Place of Opening of Technical Bids	Online
Contact information (Tender Inviting Authority)	Special Administrative Officer Indian Institute of Technology Bhilai, GEC Campus, Old Dhamtari Road, Sejbahar, Raipur 492015, Chhattisgarh Phone: +91-771-2973622, Email: sp@iitbhilai.ac.in For technical enquiries: Email: manoj@iitbhilai.ac.in

SCHEDULE OF REQUIREMENTS

Compulsory consumable Items:						
S. No	Name of items	CAS No. (if any)	Product No.	Capacity	Quantity	Preferred make
1	2-Chloroethyl vinyl ether	110-75-8	109983	25 g*2	2	Aldrich
2	Glove		BWR	Medium	4	
3	4-Vinylphenylboronic acid	2156-04-09	417580	5 gm*2	3	Sigma
4	4-Vinylbenzyl chloride	1592-20-7	436887	100 ML	1	Aldrich
5	Sodium hydrosulfide hydrate	207683-19-0	161527	100 gm	1	Sigma
6	n-Butyl isocyanate		8.40099	250 mL	1	Sigma
7	1,4-Dioxane	123-91-1	D201863	1 L	1	Sigma
8	pH Paper	20105	38251	10 books	5	Fisher Scientific
9	Sulfuryl chloride	7791-25-5	320528	1 L	1	Sigma
10	Thioglycolic acid	68-11-1	528056	100 mL	1	Sigma
11	Doxorubicin Hydrochloride	25316-40-9	D4193	100 mg	1	TCI
12	Sodium deuterioxide solution	4424703	176788	10 G	3	Aldrich
13	Deuterium chloride solution	7698-05-07	543047	11 G	3	Aldrich
14	2-isocyanatoethyl Acrylate	13641-96-8	I0918	5g	1	TCI chemicals
15	2-Hydroxy-4'-(2-hydroxyethoxy)-2-methylpropiophenone	106797-53-9	410896	10 g	1	Sigma
16	DL-dithiothreitol	3483-12-3	D0632	1 g	1	Sigma
17	Deuterium oxide	7789-20-0	151882	100 G	1	Aldrich
18	DMSO-D6	2206-27-1	156914	10 x 0.6 mL	3	Aldrich
19	HPLC THF	109-99-9	T0281	2.5 L	4	Rankem
20	Tris[2-(dimethylamino)ethyl]amine	33527-91-2	T2898	1 G	3	TCI
21	Micro Spin Magnetic Stirring Bar	-	-	3x10 mm	50	Any Make

22	Rubber Septum for B14 RB	-	-	B14	100	Any Make
23	Cd(ClO ₄) ₂ (25-28% (%Cd))	79490-00-9	-	25 g	1	Sigma
24	5-Bromopyrimidine (98%)	4595-59-9	-	50 g	1	Any make
25	5-Bromopyrimidine (98%)	4595-59-9	-	25 g	1	Any make
26	3-Bromopyridine (98%)	626-55-1	-	25 g	1	Any make
27	3-Thiophenecarboxaldehyde (98%)	498-62-4	-	100 g	1	Any make
28	PbCl ₂ (>=98%) AR grade	7758-95-4	-	100 g	1	Any make
29	PbBr ₂ (>=98%) AR grade	10031-22-8	-	100 g	1	Any make
30	PbI ₂ (>=98%) AR grade	10101-63-0	-	25 g	1	Any make
31	Tricyclohexylphosphine (98%)	2622-14-2	-	25 g	1	Any make
32	3,5-Dibromopyridine (98%)	625-92-3	-	25 g	1	Any make
33	ZrCl ₄ (>99%)	2968272	-	100 g	1	Any make
34	Hafnium(IV) chloride (> 98%)	(13499-05-3)	-	25 g	1	Any make
35	copper nitrate trihydrate (98%)	10031-43-3	-	100 g	1	Any make
36	Mn(NO ₃) ₂ ·4H ₂ O (≥97%)	20694-39-7	-	100 g	1	Sigma
37	Sm(NO ₃) ₃ ·6H ₂ O (99.9%)	13759-83-6	-	25 g	1	Any make
38	Ni(NO ₃) ₃ ·6H ₂ O (98%)	13478-00-7	-	100 g	1	Any make
39	Iron(III) nitrate nonahydrate (>98%)	7782-61-8	-	500 g	1	Any make
40	CeCl ₃ ·7H ₂ O (99.5%) AR grade	18618-55-8	-	100 g	1	Any make
41	Zn(ClO ₄) ₂ ·6H ₂ O (98%) (Analytical Reagent grade)	10025-64-6	-	100 g	1	Any make
42	CuBr ₂ (99%)	7789-45-9	-	100 g	1	Any make
43	Copper(I) iodide (99%)	7681-65-4	-	100 g	1	Any make
44	CuCl ₂ (98%)	7447-39-4	-	100 g	1	Any make
45	Cadmium bromide tetrahydrate (98%)	13464-92-1	-	25 g	1	Any make
46	FeCl ₂ (98%)	7758-94-3	-	500 g	1	Any make
47	CsBr	7787-69-1	-	10 gm	3	Aldrich

48	Lead Bromide	10031-22-8	-	5 gm	5	Aldrich
49	Toluene	108-88-3	-	1 L	1	Aldrich
50	DMF	68-12-2	-	250 ml	2	Aldrich
51	DMSO	67-68-5	-	250	2	Aldrich
52	Formamidinium bromide	146958-06-7	-	10 g	1	Aldrich
53	Spiro-OMETAD	207739-72-8	-	1 gm	2	Aldrich
54	DCM (Anhydrous)	75-09-2	-	2L	1	Aldrich
55	Hexane (Anhydrous)	110-54-3	-	2.5L	1	Aldrich
56	2-Thiophene ethyl amine	30433-91-1	-	5 gm	2	Aldrich
57	Isopropanol (99.9)	67-63-0	-	1 L	1	Aldrich
58	1ml syringe	-	-	50 Pcs	1	Any make
59	20ml syringe	-	-	50 pcs	1	Any make
60	Microspin™ G-25 Columns	GE27-5325-01	-		1	Merck
61	AMICON ULTRA 0.5ML - 50KDa cutoff	UFC505096	-		2	Merck
62	Hemoglobin human	H7379-10G	-	10 G	1	Merck
63	Glucose Uptake Fluorometric Assay Kit	MAK084-1KT	-	1	1	Sigma
64	Cyclohexanemethylamine	3218-02-08	-	5g	1	Sigma
65	2'-Methylacetophenone	577-16-2	-	5 g	1	Alfa Aesar
66	2-Nitrobenzyl alcohol	612-25-9	-	25 g	1	Alfa Aesar
67	Ethyl phenyl ketone	93-55-0	-	25 g	1	TCI
68	α-Tetralone	529-34-0	-	25 g	1	TCI
69	Methyl 2-pyrrolyl ketone	1072-83-9	-	5 g	1	TCI
70	Cyclopropyl methyl ketone	765-43-5	-	25 mL	1	TCI
71	Potassium tertbutoxide	865-47-4	-	100 G	1	Sigma
72	HPCL Dichloromethane	75-09-2	-	1 L	1	Loba
73	3-methoxy benzylamine	5071-96-5	-	5g	1	Alfa aesar

74	Piperonylamine	2620-50-0	-	5g	1	Alfa aesar
75	1-naphthylmethylamine	118-31-0	-	5g	1	Sigma
76	2-thiophenemethylamine	27757-85-3	-	5g	1	Alfa aesar
77	m-xylylenediamine	1477-55-0	-	100g	1	TCI
78	4- bromobenzylamine	07-07-3959	-	1G	1	TCI
79	2-(4-fluorophenyl)ethylamine	1583-88-6	-	5G	1	TCI
80	Zinc sulphate heptahydrate(99.5%)	7446-20-0	-	500g	1	Loba
81	Zinc chloride	7646-85-7	-	500g	1	Loba
82	Zinc nitrate hexahydrate(98%)	10196-18-6	-	500g	1	Loba
83	Nickel chloride hexahydrate(97%)	7791-20-0	-	500g	1	Loba
84	Nickel sulphate hexahydrate(98%)	10101-97-0	-	500g	1	Loba
85	Nickel nitrate hexahydrate(98%)	13478-00-7	-	500g	1	Loba
86	4-methoxyphenylacetic acid	0104-01-08	-	100g	1	Alfa-Aesar
87	3-methoxyphenylacetic acid	1798-09-0	-	25g	1	TCI
88	2-methoxyphenyl acetic acid	93-25-4	-	10g	1	Alfa-Aesar
89	O-Tolylacetic acid	644-36-0	-	25g	1	TCI
90	P-Tolylacetic acid	622-47-9	-	25g	1	Alfa-Aesar
91	m-Tolylacetic acid	621-36-3	-	10g	1	Alfa-Aesar
92	Valeric acid	109-52-4	-	500ml	1	Loba
93	2-chlorophenyl acetic acid	2444-36-2	-	25g	1	Loba
94	4-chlorophenyl acetic acid	1878-66-6	-	100g	1	Loba
95	Heptanoic acid	111-14-8	-	500ml	1	Alfa-Aesar
96	Nonanoic acid	112-05-0	-	250ml	1	Alfa-Aesar
97	Undecanoic acid	112-37-8	-	50g	1	Alfa-Aesar
98	4-aminobutyric acid	56-12-2	-	100g	1	Sigma
99	5-amino valeric acid	660-88-8	-	5g	1	Sigma
100	2-pyridylacetic acid hydrochloride	16179-97-8	-	5g	1	Sigma
101	2-thiophene acetic acid	1918-77-0	-	25g	1	Alfa-Aesar
102	Bromopentacarbonylmanganese(I)	14516-54-2	-	1g	1	Alfa-Aesar
103	1-Napthoic Acid	86-55-5	-	25g	1	Sigma

104	alfa phenyl-o-toluic acid	612-35-1	-	10g	1	Sigma
105	2,4 dimethoxybenzoic acid	91-52-1	-	25g	1	Sigma
106	2,4 dimethyl benzoic acid	0611-01-08	-	10g	1	Alfa-aesar
107	Nicotinic acid	59-67-6	-	100g	1	Loba
108	2-Picolinic acid	98-98-6	-	100g	1	Sigma
109	3-methyl 2-nitro benzoic acid	5437-38-7	-	25g	1	TCI
110	Biphenyl 2-carboxylic acid	947-84-2	-	5g	1	Alfa-aesar
111	2-(methylthio)benzoic acid	05-10-3724	-	5g	1	TCI
112	Salicylic acid	69-72-7	-	500g	1	Loba
113	L-Leucine	61-90-5	-	25g	1	Sigma
114	Glutamic acid	56-86-0	-	100g	1	Sigma
115	Aspartic acid	56-84-8	-	100g	1	Sigma
116	2-chlorophenyl acetic acid	2444-36-2	-	25g	1	Loba
117	4-chlorophenyl acetic acid	1878-66-6	-	100g	1	Loba
118	Cyclohexene	110-83-8	-	500ml	1	alfa-aesar
119	4-methyl styrene	622-97-9	-	25ml	1	TCI
120	Butyronitrile	109-74-0	-	100ml	1	Sigma
121	Succinonitrile	110-62-2	-	25g	1	Sigma
122	2-chlorobenzonitrile	873-32-5	-	100g	1	Sigma
123	4-bromobenzonitrile	623-00-7	-	10g	1	Sigma
124	2-fluorobenzonitrile	394-47-8	-	5g	1	Sigma
125	2-thiophenecarbonitrile	1003-31-2	-	10g	1	Sigma
126	2-aminobenzonitrile	1885-29-6	-	25g	1	Sigma
127	N-benzylidenebenzylamine	780-25-6	-	5g	1	Sigma
128	Benzylcyanide	140-29-4	-	500ml	1	LOBA
129	4-methoxyphenyl acetonitrile	104-47-2	-	100ml	1	LOBA
130	2-pyridinecarbonitrile	100-70-9	-	5g	1	Sigma
131	2-thiopheneacetonitrile	20893-30-5	-	10g	1	Sigma
132	Dodecanitrile	2437-25-4	-	25g	1	Sigma
133	Cyclohexanecarbonitrile	0766-05-02	-	25ml	1	Sigma

134	Diisopropylamine	108-18-9	-	500ml	1	Loba
135	Dibutylamine	111-92-2	-	500 ml	1	Loba
136	2- Methyl Piperidine	(109-05-7)	-	100ml	1	Sigma (99%)
137	Diethylamine	109-89-7	-	500 ml	1	Loba
138	N- Methyl butylamine	110-68-9	-	25 ml	1	TCI
139	dicyclohexylamine	101-83-7	-	500 ml	1	Loba
140	N- Tert-Butylmethylamine	14610-37-8	-	1 g	1	Alfa aesar
141	Diphenyl Amine	122-39-4	-	100 g	1	Sigma (99%)
142	Dimethylamine	124-40-3	-	500 ml	1	Loba
143	2- Methoxy aniline	90-04-0	-	500 ml	1	Loba(98%)
144	4- Ethoxy Aniline	156-43-4	-	250 g	1	Loba (99%)
145	2- Ethoxy Aniline	94-70-2	-	25 g	1	TCI
146	o- Toluidine	95-53-4	-	500 ml	1	Loba
147	o- Chloroaniline	95-51-2	-	500 ml	1	Loba (98%)
148	2- (Trifluoromethyl) Aniline	88-17-5	-	25 ml	1	TCI
149	Cyclohexanamine	108-91-8	-	500 ml	1	Loba(99%)
150	1- Naphthylamine	134-32-7	-	100 g	1	Loba
151	2,6-Dimethylaniline	87-62-7	-	25 ml	1	TCI
152	(R) - (+)- 1- Phenylethylamine	3886-69-9	-	25 ml	1	TCI
153	Allylamine	0107-11-9	-	25 mL	1	Alfa aesar
154	2-Aminoethan-1-ol	141-43-5	-	500 ml	1	Loba 99%
155	4- Fluorobenzamide	824-75-9	-	5 g	1	TCI
156	4-methoxy benzamide	3424-93-9	-	5g	1	Sigma
157	4-methyl benzamide	619-55-6	-	25g	1	Alfa aesar
158	2-Methoxybenzamide	2439-77-2	-	5 g	1	Alfa aesar
159	4- Trifluoro methylbenzamide	1891-90-3	-	5 g	1	TCI
160	Ruthenium(III) chloride hydrate (463779)	14898-67-0	-	5 g	1	Sigma

Optional items

1	Tetrakis(triphenylphosphine)palladium (98%)	4500157	-	10 g	1	Any make
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2	Palladium On Activated Charcoal(10% Pd)		-	10 g	1	Any make
3	TLC silica Gel 60 F254 20 x 20 cm (25 Al-sheets)		-	3 packs	3	Merck
4	Silica Gel Blue Self Indicating (Coarse)(Desiccant) particle of size 2-5mm (or) 5-8 mesh	112926-00-8	-	1 KG	1	Any make
5	Chloroplatinic Acid	26023-84-7		1 g	2	Aldrich

Note: Bidders compliance should be submitted as a technical Bid.

Terms and Conditions:

- 1) Bidders should fulfil and comply with the given specifications.
- 2) **All bidders should quote Prices in Indian Rupees and should be inclusive of all Taxes, Duties & Price should be quoted FOR IIT Bhilai.**
- 3) **IIT Bhilai is eligible for concessional GST @5%. At the time of issue of PO, Concessional GST Certificate will be issued under the Gol notification No. 45/2017 and or 47/2017.**
- 4) Each item will be evaluated separately for selecting the L1 price of the technically qualified bidders only and L1 Bidder for each item will be awarded the Purchase Order. L1 Bidder(s) will be awarded the purchase order either complete or partial list of chemicals. Committee holds the right to remove some of the items during the evaluation if the total cost exceeds the allotted budget. The item shall be required to be delivered at Chemistry Department through Stores and Purchase Section of IIT Bhilai at the risk and cost of the bidder, if applicable.
- 5) Your bid must be valid for a minimum of 90 days from the date of opening of tender.
- 6) The items are required to be delivered within 4-6 weeks from the date of the purchase order, late delivery may not be accepted.
- 7) **The quotation should be submitted through e-procurement portal only.**
- 8) Attested copy of the GST Certificate is to be attached to the bid.
- 9) Warranty: Standard Warranty as applicable, if any.
- 10) The items offered should be of good quality.
- 11) Advance payment is not admissible. Payment shall normally be made within 30 days' subject to receipt and acceptance (as per Purchase Order Terms) of the ordered materials/items.
- 12) In case of the unscheduled holiday in Raipur being declared on the prescribed closing/ opening day of the tender, the next working day will be treated as the scheduled prescribed day of closing/ opening of the tender.
- 13) Institute reserves the right to accept the delivery in part or full and to claim liquidated damages at 0.5% per week subject to a maximum of 10% the total value of Purchase Order.

- 14) Any other information that you may like to obtain, you are free to contact IIT Bhilai through mail at sp@iitbhilai.ac.in before submission of the quote.
- 15) IIT Bhilai reserves the right, at its discretion, to increase or decrease the quantity, or remove certain items mentioned in NIQ during Techno-Commercial Evaluation.
- 16) IIT Bhilai reserves the right to reject any or all bids, amend/ withdraw any terms and conditions in the document or to cancel the NIQ at any stage without assigning any reason.

Stores and Purchase Office
IIT Bhilai