

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ وَبِذَلِكَ نَفَعْنَا النَّاسَ

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تجزیاتی پیمانہ کی شرح:			
مقررہ شرح	مقررہ شرح	مقررہ شرح	مقررہ شرح
			مقررہ شرح
			مقررہ شرح (مقررہ)
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			مقررہ شرح

مقررہ شرح (مقررہ شرح)	مقررہ شرح (مقررہ شرح):
مقررہ شرح:	مقررہ شرح:
مقررہ شرح:	مقررہ شرح:
مقررہ شرح:	مقررہ شرح:

تجزیاتی پیمانہ کی شرح

مقررہ شرح 3 مقررہ شرح (مقررہ شرح) (مقررہ شرح) (05 تجزیاتی)

20	20	20	مقررہ شرح
			مقررہ شرح
مقررہ شرح 3 مقررہ شرح (مقررہ شرح):			

مقررہ شرح (15 تجزیاتی):

مقررہ شرح 50% مقررہ شرح

مقررہ شرح (مقررہ شرح)			
#	مقررہ شرح	مقررہ شرح	مقررہ شرح (مقررہ شرح)

تاریخ	تعداد	تعداد	تعداد
تعداد	تعداد	تعداد	تعداد
1			
2			
3			
4			
5			
6			
جمعاً			

تعداد	تعداد
تعداد	تعداد
تعداد	تعداد
تعداد	تعداد

BID SECURITY FORMAT

The Issuing Bank shall fill in this Bank Guarantee Form in accordance with the instructions indicated.

_____ [Bank's Name, and Address of Issuing Branch or Office]

Beneficiary: _____ [Name and Address of Procuring Entity]

Date: _____

BID GUARANTEE No.: _____

We have been informed that [name of the Bidder] (hereinafter called "the Bidder") has submitted to you its bid dated (hereinafter called "the Bid") for the execution of [name of contract] under Invitation for Bids No. [Procurement Reference number] ("the IFB").

Furthermore, we understand that, according to your conditions, bids must be supported by a bid guarantee.

At the request of the Bidder, we [name of Bank] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of [amount in figures] ([amount in words]) upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

- (a) has withdrawn its Bid during the period of bid validity specified by the Bidder in the Form of Bid; or
- (b) having been notified of the acceptance of its Bid by the Procuring Entity during the period of bid validity, (i) fails or refuses to execute the Contract Form; or (ii) fails or refuses to furnish the performance security, if required, in accordance with the Instructions to Bidders.

This guarantee will expire: (a) if the Bidder is the successful Bidder, upon our receipt of copies of the contract signed by the Bidder and the performance security issued to you upon the instruction of the Bidder; or (b) if the Bidder is not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of the Bidder's Bid.

Consequently, any demand for payment under this guarantee must be received by us at the office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No. 758.

[signature(s)]

PERFORMANCE GUARANTEE FORMAT

[The issuing bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

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

Title of the procurement: *[Insert general title of the procurement]*

Procurement Reference No: *[insert reference]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Procuring Entity]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[insert number]* dated *[insert day and month]*, *[insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s)¹ in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This Guarantee shall expire no later than the *[insert number]* day of *[insert month]* *[insert year]*,² and any demand for payment under it must be received by us at this office on or before that date. We agree to a one-time extension of this Guarantee for a period not to exceed *[six months]* *[one year]*, in response to the Procuring Entity's written request for such extension, such request to be presented to us before the expiry of the Guarantee.

This guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No. 458, except that subparagraph (ii) of Sub-article 20(a) is hereby excluded.

.....

[signatures of authorized representatives of the bank]

¹ The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency(ies) of the Contract or a freely convertible currency acceptable to the Procuring Entity.

² Dates established in accordance with Clause 18.4 of the General Conditions of Contract ("GCC"), taking into account any warranty obligations of the Supplier under Clause 16.2 of the GCC intended to be secured by a partial Performance Guarantee.

BANK GUARANTEE FOR ADVANCE PAYMENT

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated.]

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

Title of the procurement: *[Insert general title of the procurement]*

Procurement Reference No: *[insert reference]*

[Issuing bank's letterhead]

Beneficiary: *[insert legal name and address of Procuring Entity]*

ADVANCE PAYMENT GUARANTEE No.: *[insert Advance Payment Guarantee no.]*

We, *[insert legal name and address of bank]*, have been informed that *[insert complete name and address of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[insert number]* dated *[insert date of Agreement]* with you, for the supply of *[insert types of Goods to be delivered]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance is to be made against an advance payment guarantee.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[insert amount(s)³ in figures and words]* upon receipt by us of your first demand in writing declaring that the Supplier is in breach of its obligation under the Contract because the Supplier used the advance payment for purposes other than toward delivery of the Goods.

It is a condition for any claim and payment under this Guarantee to be made that the advance payment referred to above must have been received by the Supplier on its account *[insert number and domicile of the account]*

This Guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until *[insert date⁴]*. We agree to a one-time extension of this Guarantee for a period not to exceed *[six months][one year]*, in response to the Procuring Entity's written request for such extension, such request to be presented to us before the expiry of the Guarantee.

This Guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No. 458.

[signature(s) of authorized representative(s) of the bank]

³ The issuing bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency(ies) of the Contract or a freely convertible currency acceptable to the Procuring Entity.

⁴ Insert the Delivery date stipulated in the Contract Delivery Schedule.

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Tender Number; MNU-CA-PAMD/2026/052
List of Chemicals & Labware required for Pharmacy Lab

SL.NO	Chemicals Required	Specifications	Quantity required	Details/ More Information
Category 1: Chemicals				
1	sodium carbonate	Solid, crystalline powder, Analytical Reagent (AR),	1500gm	Analytical Reagent (AR)
2	calcium carbonate	Fine powder <ul style="list-style-type: none"> • Grade: AR • Colour: White • Packing: 500 g 	1500gm	
3	magnesium sulphate	Magnesium sulphate dried is a chemical compound, a salt with the formula MgSO ₄ . It is a white crystalline solid, <ul style="list-style-type: none"> • Physical form: Crystalline solid (heptahydrate) • Grade: AR • Colour: White / colourless crystals • Packing: 500 g 	1500gm	
4	potassium sulphate	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White • Packing: 500 g 	1000gm	
5	aluminium sulphate	Physical form: Crystalline solid <ul style="list-style-type: none"> • Grade: AR • Colour: White • Packing: 500 g 	1000gm	
6	borax	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White • Packing: 500 g 	1500gm	
7	sulphuric acid	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Strength: 95–98% 	1000ml	

		<ul style="list-style-type: none"> • Colour: Colourless • Packing: 500 ml / 1 L (glass bottle) 		
8	aluminium chloride	<ul style="list-style-type: none"> • Physical form: Solid (anhydrous crystals) • Grade: AR • Colour: White to pale yellow • Packing: 100 g 	1500gm	
9	aluminium hydroxide	<ul style="list-style-type: none"> • Physical form: Amorphous powder / gel • Grade: AR • Colour: White • Packing: 250 g 	1000gm	
10	ammonium hydroxide	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Strength: ~25% • Colour: Colourless • Packing: 500 ml 	1000ml	
11	sodium chloride	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White • Packing: 500 g 	1500gm	
12	nitric acid	<ul style="list-style-type: none"> Physical form: Liquid • Grade: AR • Strength: ~69% • Colour: Colourless to pale yellow • Packing: 500 ml 	1000ml	
13	silver nitrate	<ul style="list-style-type: none"> Physical form: Crystalline solid • Grade: AR • Colour: White crystals • Packing: 25 g / 50 g (amber bottle) 	1000gm	
14	hydrochloric acid	<ul style="list-style-type: none"> Physical form: Liquid • Grade: AR • Strength: ~35% • Colour: Colourless • Packing: 500 ml 	1000ml	

15	barium sulphate	<ul style="list-style-type: none"> • Physical form: Fine powder • Grade: AR • Colour: White • Packing: 250 g 	500gm	
16	barium chloride	<ul style="list-style-type: none"> • Physical form: Crystalline solid (dihydrate) • Grade: AR • Colour: White • Packing: 250 g 	500gm	
17	iron	<ul style="list-style-type: none"> • Physical form: Powder / filings • Grade: Laboratory grade • Colour: Grey • Packing: 250 g 	500gm	
18	citric acid	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White • Packing: 500 g 	500gm	
19	thioglycollic acid	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Colour: Colourless to pale yellow • Packing: 100 ml 	250ml	
20	ammonia	<ul style="list-style-type: none"> • Physical form: Aqueous liquid • Grade: AR • Colour: Colourless • Packing: 500 ml 	1000ml	
21	ferric ammonium sulphate	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: Analytical Reagent (AR) • Colour: Pale violet / light green crystals • Packing: 250 g 	500gm	
22	sodium metal	<ul style="list-style-type: none"> • Physical form: Soft metallic solid (stored under kerosene) • Grade: Laboratory grade • Colour: Silvery white • Packing: 25 g (oil immersed) 	50gm	

23	ferrous sulphate	<ul style="list-style-type: none"> • Physical form: Crystalline solid (heptahydrate) • Grade: AR • Colour: Pale green crystals • Packing: 500 g 	1500gm	
24	sodium hydroxide	<ul style="list-style-type: none"> • Physical form: Solid pellets / flakes • Grade: AR • Colour: White • Packing: 500 g 	1000gm	
25	sodium nitroprusside	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: Red crystals • Packing: 25 g 	50gm	
26	lead acetate	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White crystals • Packing: 250 g 	500gm	
27	ferric chloride	<ul style="list-style-type: none"> • Physical form: Crystalline solid / flakes • Grade: AR • Colour: Brownish yellow • Packing: 250 g 	1000gm	
28	sodium bicarbonate	<ul style="list-style-type: none"> • Physical form: Powder • Grade: AR • Colour: White • Packing: 500 g 	1000gm	
29	bromine	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Colour: Reddish brown • Packing: 25 ml (amber bottle) 	100ml	
30	potassium permanganate	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: Purple crystals • Packing: 250 g 	500gm	
31	ethanol	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR 	1000ml	

		<ul style="list-style-type: none"> • Strength: 95% / absolute • Colour: Colourless • Packing: 1 L 		
32	formic acid	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Colour: Colourless • Packing: 500 ml 	1000ml	
33	acetic acid	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Colour: Colourless • Packing: 500 ml 	1000ml	
34	oxalic acid	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White crystals • Packing: 500 g 	1500gm	
35	benzoic acid	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White crystals • Packing: 250 g 	1000gm	
36	salicylic acid	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White crystals • Packing: 250 g 	1000gm	
37	acetyl choride	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Colour: Colourless to pale yellow • Packing: 100 ml 	500ml	
38	cerric ammonium nitrate	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: Orange-red crystals • Packing: 25 g 	100gm	
39	acetone	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR 	1000ml	

		<ul style="list-style-type: none"> • Colour: Colourless • Packing: 1 L 		
40	jones reagent	<ul style="list-style-type: none"> • Physical form: Liquid reagent • Grade: Analytical reagent (laboratory prepared / ready-to-use) • Colour: Orange • Packing: 100 ml 	200ml	
41	lucas reagent	<ul style="list-style-type: none"> • Physical form: Liquid reagent • Grade: Analytical reagent • Colour: Colourless • Packing: 100 ml 	200ml	
42	zinc chloride	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White • Packing: 250 g 	500gm	
43	methanol	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Colour: Colourless • Packing: 1 L 	1000ml	
44	glycerol	<ul style="list-style-type: none"> • Physical form: Viscous liquid • Grade: AR • Colour: Colourless • Packing: 500 ml 	1000ml	
45	aniline	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Colour: Colourless to pale brown • Packing: 100 ml 	250ml	
46	sodium nitrite	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White to pale yellow • Packing: 250 g 	500gm	
47	benzoyl chloride	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR 	200ml	

		<ul style="list-style-type: none"> • Colour: Colourless to pale yellow • Packing: 100 ml 		
48	phenol	<ul style="list-style-type: none"> • Physical form: Solid / crystalline mass • Grade: AR • Colour: White to pale pink • Packing: 250 g 	500gm	
49	resorcinol	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White crystals • Packing: 100 g 	200gm	
50	alpha naphthol	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White to pale yellow • Packing: 100 g 	200gm	
51	beta naphthol	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White to pale yellow • Packing: 100 g 	200gm	
52	2,4 dinitrophenyl hydrazine	<ul style="list-style-type: none"> • Physical form: Moist crystalline solid • Grade: AR • Colour: Yellow to orange • Packing: 25 g 	100gm	
53	sodium bisulfite	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: AR • Colour: White • Packing: 250 g 	500gm	
54	schiffs reagent	<ul style="list-style-type: none"> • Physical form: Liquid reagent • Grade: Analytical reagent • Colour: Colourless to pale pink • Packing: 100 ml 	200ml	
55	acetic anhydride	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Colour: Colourless • Packing: 250 ml 	500ml	

56	fehlings reagent A	<ul style="list-style-type: none"> • Physical form: Liquid reagent • Grade: Analytical reagent • Colour: Blue • Packing: 250 ml 	500ml	
57	fehlings reagent B	<ul style="list-style-type: none"> • Physical form: Liquid reagent • Grade: Analytical reagent • Colour: Colourless • Packing: 250 ml 	500ml	
58	2,4 dinitro benzene	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: Pale yellow • Packing: 50 g 	100gm	
59	iodine	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: Violet-black crystals • Packing: 100 g 	200gm	
60	formaldehyde	<ul style="list-style-type: none"> Physical form: Liquid (formalin ~37%) • Grade: AR • Colour: Colourless • Packing: 500 ml 	1000ml	
61	acetaldehyde	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Colour: Colourless • Packing: 100 ml 	500ml	
62	benzaldehyde	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Colour: Colourless to pale yellow • Packing: 100 ml 	500ml	
63	acetophenone	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Colour: Colourless • Packing: 100 ml 	500ml	
64	benzophenone	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR 	300gm	

		<ul style="list-style-type: none"> • Colour: White crystals • Packing: 100 g 		
65	pottassium hydroxide	<ul style="list-style-type: none"> • Physical form: Solid pellets • Grade: AR • Colour: White • Packing: 500 g 	1500gm	
66	chloroform	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Colour: Colourless • Packing: 500 ml 	2000ml	
67	p-toludine	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White to pale yellow • Packing: 100 g 	200gm	
68	glycine	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: AR • Colour: White • Packing: 100 g 	100gm	
69	potassium dichromate	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: Orange crystals • Packing: 250 g 	500gm	
70	molisch reagent	<ul style="list-style-type: none"> • Physical form: Liquid reagent • Grade: Analytical reagent • Colour: Colourless to pale yellow • Packing: 100 ml 	200ml	
71	barfoed reagent	<ul style="list-style-type: none"> • Physical form: Liquid reagent • Grade: Analytical reagent • Colour: Blue • Packing: 100 ml 	200ml	
72	glucose	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: AR • Colour: White • Packing: 500 g 	1000gm	

73	fructose	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: AR • Colour: White • Packing: 250 g 	1000gm	
74	sucrose	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White • Packing: 500 g 	1000gm	
75	p-aminophenol	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White to greyish crystals • Packing: 100 g 	500gm	
76	carbon tetrachloride	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Colour: Colourless • Packing: 500 ml 	500ml	
77	Biuret reagent	<ul style="list-style-type: none"> • Physical form: Liquid reagent • Grade: Analytical reagent • Colour: Blue • Packing: 100 ml 	250ml	
78	phenolphthalein	<ul style="list-style-type: none"> • Physical form: Powder • Grade: Indicator grade • Colour: White • Packing: 25 g 	100gm	
79	ammonium chloride	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White • Packing: 500 g 	1500gm	
80	sodium oxalate	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR / Primary standard • Colour: White • Packing: 250 g 	500gm	
81	sodium thiosulphate	<ul style="list-style-type: none"> • Physical form: Crystalline solid (pentahydrate) • Grade: AR 	1000gm	

		<ul style="list-style-type: none"> • Colour: Colourless crystals • Packing: 500 g 		
82	hydrogen peroxide	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Strength: ~30% w/v • Colour: Colourless • Packing: 500 ml (vented cap) 	1000ml	
83	disodium edetate	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: AR • Colour: White • Packing: 250 g 	500gm	
84	magenesium ribbon	<ul style="list-style-type: none"> • Physical form: Metallic ribbon • Grade: Laboratory grade • Colour: Silvery white • Packing: 25 g 	100gm	
85	eriochrome indicator	<ul style="list-style-type: none"> • Physical form: Powder • Grade: Indicator grade • Colour: Dark blue / black • Packing: 25 g 	100gm	
86	ammonia ph10 buffer solution	<ul style="list-style-type: none"> • Physical form: Liquid buffer solution • Grade: Analytical reagent • Colour: Colourless • Packing: 500 ml 	1000ml	
87	O-PHENYLENE DIAMINE	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: Light brown crystals • Packing: 25 g 	100gm	
88	glaciel acetic acid	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Purity: ≥99.7% • Colour: Colourless • Packing: 500 ml 	1000ml	
89	phenyl hydrazine	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR 	500ml	

		<ul style="list-style-type: none"> • Colour: Pale yellow • Packing: 100 ml 		
90	ethyl acetoacetate	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Colour: Colourless • Packing: 100 ml 	500ml	
91	ether	<ul style="list-style-type: none"> • Physical form: Volatile liquid • Grade: AR (stabilized) • Colour: Colourless • Packing: 500 ml 	500ml	
92	perchloric acid	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Strength: 60–70% • Colour: Colourless • Packing: 500 ml 	1000ml	
93	mercuric acetate	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White crystals • Packing: 25 g 	50gm	
94	chlorpromazine hydrochloride	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: Pharmacopoeial (API) • Colour: White to pale yellow • Packing: 1 g / 5 g 	250gm	
95	crystal violet	<ul style="list-style-type: none"> • Physical form: Powder • Grade: Dye / Indicator grade • Colour: Violet • Packing: 25 g 	100gm	
96	methyl orange	<ul style="list-style-type: none"> • Physical form: Powder • Grade: Indicator grade • Colour: Orange • Packing: 25 g 	100gm	
97	Potassium hydrogen phthalate	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR / Primary standard 	500gm	

		<ul style="list-style-type: none"> • Colour: White • Packing: 250 g 		
98	Atropine sulphate	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: Pharmacopoeial (API) • Colour: White • Packing: 1 g 	250gm	
99	ibuprofen	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: Reference standard (API) • Colour: White • Packing: 10 g 	500gm	
100	aspirin	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: Reference standard (API) • Colour: White • Packing: 10 g 	500gm	
101	Phenol red	<ul style="list-style-type: none"> • Physical form: Powder • Grade: Indicator grade • Colour: Red crystalline powder • Packing: 25 g 	500gm	
102	succinic acid	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White crystals • Packing: 250 g 	500gm	
103	benzene	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Colour: Colourless • Packing: 500 ml 	1500ml	
104	benzil	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: Yellow crystals • Packing: 50 g 	1000gm	
105	urea	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White • Packing: 500 g 	1000gm	

106	diphenyl amine	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White to pale violet • Packing: 50 g 	500gm	
107	sulphur	<ul style="list-style-type: none"> • Physical form: Powder • Grade: Laboratory grade • Colour: Yellow • Packing: 250 g 	500gm	
108	anhydrous aluminium chloride	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White to pale yellow • Packing: 100 g 	1000gm	
109	metronidazole	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: Pharmacopoeial / Reference standard • Colour: White to pale yellow • Packing: 10 g 	250gm	
110	sulphanilic acid	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White • Packing: 100 g 	1000gm	
111	potassium bromide	<ul style="list-style-type: none"> • Physical form: Crystalline solid • Grade: AR • Colour: White • Packing: 250 g 	1000gm	
112	n-butanol	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Colour: Colourless • Packing: 500 ml 	1000ml	
113	acetic acid analytical	<ul style="list-style-type: none"> • Physical form: Liquid • Grade: AR • Colour: Colourless • Packing: 500 ml 	1000ml	
114	amino acid methinone	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: AR 	100gm	

		<ul style="list-style-type: none"> • Colour: White • Packing: 50 g 		
115	amino acid valine	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: AR • Colour: White • Packing: 50 g 	100gm	
116	amino acid arginine	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: AR • Colour: White • Packing: 50 g 	100gm	
117	ninhydrin	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: AR • Colour: Pale yellow • Packing: 25 g 	500gm	
118	ephedrine	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: Pharmacopoeial / Reference standard • Colour: White • Packing: 1 g / 5 g 	100gm	
119	quinine	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: Pharmacopoeial / Reference standard • Colour: White • Packing: 1 g / 5 g 	250gm	
120	dragendroffs reagent	<ul style="list-style-type: none"> • Physical form: Liquid reagent • Grade: Analytical reagent • Colour: Orange • Packing: 100 ml 	500ml	
121	silica gel G	<ul style="list-style-type: none"> • Physical form: Fine powder • Grade: TLC grade • Colour: White • Packing: 500 g 	1000gm	https://export.indiamart.com/products/?id=2849036959188&pos=5&kwd=tlc%20sheets&tags=A 8223.226 Price product - res:RC2 ktp:NO styp:attr=1 mtp:S wc:2 qr_nm:splt-gd cs:13402 com-cf:nl ptrs:na mc:161415 cat:627 qry_typ:P lang:en rtn:0-1-0-0-4-12-1 qrd:251224 mrd:251208 prdt:251224&src_ref=c3JjX3JlZj0xNDA0NTE5MDg=

122	paracetamol pure powder	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: Reference standard • Colour: White • Packing: 10 g 	500gm	
123	deltiazem pure powder	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: Reference standard • Colour: White • Packing: 1 g 	250gm	
124	chloramphenicol pure powder	<ul style="list-style-type: none"> • Physical form: Crystalline powder • Grade: Reference standard • Colour: White • Packing: 5 g 	250gm	
125	buffer capsules -7	<ul style="list-style-type: none"> • Physical form: Solid capsules • Grade: Analytical buffer • Colour: White • Packing: Pack of 10 capsules 	30 capsules	
126	buffer capsule-4	<ul style="list-style-type: none"> • Physical form: Solid capsules • Grade: Analytical buffer • Colour: White • Packing: Pack of 10 capsules 	30 capsules	
127	buffer capsule-9	<ul style="list-style-type: none"> • Physical form: Solid capsules • Grade: Analytical buffer • Colour: White • Packing: Pack of 10 capsules 	30 capsules	

SL.NO	Apparatus Required	Specifications	Quantity required	Details/ More Information
Category 2: Apparatus				
1	litmus paper set	Full Range 1.0-14.0 Ph Testing Papers	200 strips box*2	https://www.amazon.in/RASAYAN-Qualigens-pH-Meter-Indicator/dp/B0DQ4ST124
2	starch iodide indicator paper	<ul style="list-style-type: none"> Physical form: Paper strips Grade: Laboratory indicator Colour: White (turns blue with iodine) Packing: Booklet / 100 strips 	500 strips	
3	chromatographic paper sheets	<ul style="list-style-type: none"> Physical form: Paper sheets Grade: Laboratory / analytical Type: Chromatography grade Packing: Pack of 100 sheets 	50 box of 100 sheets	
4	whatmann filter paper	<ul style="list-style-type: none"> Physical form: Circular sheets 46x57 cm, Cellulose, 2.5 µm Retention Grade: Quantitative / Qualitative (No.1) Colour: White Packing: Box of 100 	50 box of 100 sheets	
5	CHROMATOGRAPHY CYLINDRICAL TLC DEVELOPING TANK	<p>O.D. x Height(mm): 65x105</p> <p>Cylindrical TLC developing tank with 60/12 standard taper joint and a tool ball style handle.</p> <p>These TLC developing tanks are made of borosilicate glass, durable, reusable and resistant to thermal shock, ensuring long-term use in laboratory settings.</p> <p>Glass cylindrical TLC developing tanks that will accommodate 25 x 75mm TLC plates.</p>	15	https://www.sigmaaldrich.com/IN/en/product/aldrich/z243914?srltid=AfmBOoqJSS_iMIFqNkOIL8n0OhSy_seXoPz8Uyt7iwNxV8fGTWOczw4I
6	tlc SHEETS	<p>Packaging Type 20cm x 20cm</p> <p>Packaging Size 25 aluminium sheets</p> <p>Pack Size Pack of 25 Physical form: Plates (aluminium backed)</p> <ul style="list-style-type: none"> Grade: Analytical / TLC grade Coating: Silica gel G 	150 sheets	https://eslabshop.com/products/818333-tlc-aluminum-sheets-silica-gel-layer-alugram-xtra-sil-g-uv254-20x20-cm?srltid=AfmBOoomIXpu9vh4rnlCG4-S9x0ykQU99x0Yz_zAHbXZ0sqiL05wasUA

7	Glass Square TLC Developing Tank,	Heavy Duty Borosilicate Chromatography TLC Developing Chamber with Lid for Multiple Plates Development, suitable for 20*20cm TLC sheets	10	
8	funnel	<ul style="list-style-type: none"> • Material: Borosilicate glass • Grade: Laboratory grade • Size: 50mm • Suggested make: Borosil 	10	https://www.desertcart.in/products/94040021-50mm-glass-funnel-short-stem-borosilicate-glass-heavy-wall-karter
9	calico cloth	<ul style="list-style-type: none"> • Material: Cotton • Grade: Laboratory use • Colour: White • Packing: Per metre 	2.5 meter	1m Plain Natural Calico Fabric – Unbleached 100% Cotton 145GSM 60” Inch 150cm Wide – Great for Sewing, Quilting, Curtain Linings, Pillowcases & Totes – Easy Fabric by The Metre by Discount Fabrics : Amazon.in
10	pipette rubber bulb	<ul style="list-style-type: none"> • Material: Natural rubber (3ml) • Grade: Laboratory grade • Colour: Red • Packing: Individual 	10	https://www.eiscolabs.com/products/ch0230b
11	spatula	<ul style="list-style-type: none"> • Grade: Laboratory grade • Size: 6–8 inch • 6PK Lab Spatula Spoon, 9" - Stainless Steel - Flat End & Scoop End 	10	Eisco 6PK Lab Spatula Spoon, 9" - Stainless Steel - Flat End & Scoop End FSC1035
12	ignition tube	<ul style="list-style-type: none"> • Tube Diameter :8 mm • Type Of Glassware : Quartz Glass • Usage/Application: Chemistry Lab • Design Type : Tube • Size/Dimension : 10ml • Material: Glass 	50	https://www.indiamart.com/proddetail/chemistry-quartz-glass-fusion-tube-2853118861748.html?srsId=AfmBOorxOaIjPRdKjfUSzPpAMEL2NdISTd-NjT5-w8D7UR5WOLuhnTd
13	Bunsen burner	Nickel plated burner tube 100 x 12 mm, with adjustable screwed air regulator, riffled connector, mounted on a stove enamelled, pressed steel wide base of 80 mm diam. Overall height 125 mm. With one spare jet.	3	https://www.shivsons.com/product/bunsen-burner/

14	china dish	Porcelain China Dish/ Evaporating Dish for Chemistry Laboratory Equipment/with Spout, Glazed Inside & Outside size : 35cc/ml	30	
15	test tubes	Material: Borosilicate glass • Grade: Laboratory grade 12mL capacity and 100x16mm dimensions, suitable for various lab and educational applications. RESISTANT TO LABORATORY CONDITIONS Designed to withstand routine laboratory processes, featuring heat tolerances of 515°C strain point, 565°C annealing point, and 820°C softening point. CLEAR AND AUTOCLAVABLE DESIGN Transparent glass construction ensures easy observation of contents, while autoclavable properties allow for repeated use.	25	
16	petri dish	with lid, soda-lime glass size : 75mm Synonym(s): Glass, Petri Dishes	15	https://www.sigmaaldrich.com/IN/en/product/aldrich/br455751?srsltid=AfmBOop9ZSbrt8QlmlhliOOaOEEew62zpQwKFgRwMXoNFDKzMRvYsXF4Q
17	erlenmeyer flask	wide, flat bottom and an inverted cylindrical neck. The mouth is rimmed, which aids easy pouring. A rubber stopper can also be added to store liquids. Size : 250ml	15	https://www.scientificglassservices.co.uk/glass-ware-in-focus-the-erlenmeyer-flask/
18		size : 100ml	10	
19		size : 50ml	15	
20	hot air oven	Laboratory Hot Air Oven with Stainless Steel Chamber is a reliable and durable oven that is perfect for laboratory applications. Size : 28L	1	https://www.moglix.com/sesw-28l-laboratory-hot-air-oven-with-stainless-steel-chamber/mp/msne5n8vlomykl?s_kwcid=AL110177!3!783621096143!!!g!2456236040113!&utm_source=google&utm_medium=cpc&utm_network=shopping&utm_campaign=&adgroup_id=197004421428&keyword=&gad_source=1&gad_campaignid=23255857327&gbraid=0AAAAADgd28MzKUIndfW5sd0Mvo8U_JMb&gclid=CjwKCAiA64LLBhBhEiwA-Pxgu5ivrIrNEmswX_Yocsc30e-e4hGbj-W-uApc-KC-rBVXMeT4ER-pqRoC2loQAvD_BwE

21	reflux condensor with joint rubber tubes for inlet and outlet	<p>Material: Borosilicate glass</p> <ul style="list-style-type: none"> • Grade: Laboratory grade • Type: Liebig • Length: 300 mm <p>Complies with DIN 12576 standard Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass With ground socket and cone joint With straight inner tube, outer joints and glass connector Resistant to chemicals and high temperatures</p>	10	https://m.media-amazon.com/images/I/315dBjSq4jL.jpg
22	Laboratory spatulas - Polyamide (PA)	Red colour. Viscoplastic, robust, with fibreglass reinforcement. With ground flat ends or with small measuring spoon. Very good temperature resistance. length : 150mm	10	Laboratory spatulas - Polyamide (PA)
23	rubber tubing	8 mm (5/16") flexible rubber tubing is the right size for connecting to tubing connectors on glassware like condensers and filtering flasks.	3 meter	https://www.homesciencetools.com/product/rubber-tubing-5-16-x-10-feet/?srsltid=AfmBOooTx6WdwY9RYV_FfvGMf6GtL9Vt9cfl-6lAcU_Y6R88aXxW2jA
24	heating mantle-small	<p>Type: Electric heating mantle</p> <ul style="list-style-type: none"> • Grade: Laboratory grade • Capacity:500ml / 200watt • Temperature control: Adjustable 	5	
25	Plastic tray	<p>Material: Polypropylene</p> <ul style="list-style-type: none"> • Grade: Laboratory grade • Colour: White / blue • Size: Medium (approx. 30 × 20 cm) • Packing: Individual 	5	
26	Calibrated eye dropper	1 mL Glass Eye Dropper with Measurement - Long & Short, Bent & Straight Tip Calibrated Glass Medicine Droppers	10	https://www.amazon.in/Eye-Dropper-Calibrated-Essential-Measurement/dp/B08H3RYZR7

27	Stainless Steel Test Tube Holder	Material: High-quality stainless steel Pack Quantity: Pack of 1 Durability: Made from robust stainless steel for long-lasting use Design: Securely holds test tubes of various sizes, ensuring stability during experiments.	10	https://topperskit.com/products/stainless-steel-test-tube-holder-pack-of-1?srsId=AfmBOoo1OJU2G64BzSZed1n4gxNgcphCeTJBikYYO48N7R-Pq52rKDq
28	Plastic Test Tube Stand	Polypropylene, 25mm dia. Holes for 6 tubes Supports up to 6 test tubes that measure up to 25mm in diameter - Provides convenient insertion and removal of tubes DRYING Rack has 6 drying pins for drying tubes	5	https://www.eiscolabs.com/products/ch0694b
29	Crucible tongs	Material: Stainless steel • Grade: Laboratory grade size : 8 inches It can hold the different diameters of pots for melting and pouring. Design - With the non-slip jaws on the top of the tongs, the jars can be easily held securely.	15	https://www.amazon.in/Inches-Crucible-Stainless-Professional-Casting/dp/B08Z1XQMS5
30	Beaker Tongs	Beaker tongs, 10" (26 cm) Made of steel. Holds beakers, flasks and large tubes (1.5" to 5.5" in diameter). Anti-slipping rubber coat.	10	https://www.calculatedcart.com/product-p-571092.html
31	plastic big beakers	Large-capacity polypropylene (PP) beakers are ideal for general laboratory use. Withstand temperatures from 32 to 250°F (0 to 121°C). size : 1000ml	3	
32	volumetric flask - 50ml	Class A, ASTM - Tolerance ± 0.050 ml - Glass Stopper - Single, White Graduation	10	https://www.eiscolabs.com/products/ch0445b
33	volumetric flask - 10ml		10	
34	volumetric flask - 100ml		10	

35	lab tripod stand	Cast iron Having Black powder coated triangular top zinc plated legs and plastic rubber feet 6x4 inch	10	
36	conductometer with conductivity cell and temperature probe	Type: Digital conductometer • Grade: Analytical instrument • Display: LCD • Application: Conductivity measurement with conductivity cell	1	https://www.elico.co/downloads/CM180.pdf
37	electrodes	Type: Glass electrode • Grade: Analytical grade • Compatibility: Digital meters	1	https://www.weighingsystems.in/gir-somnath/ph-orp-conductivity-electrodes.html
38	Pasteur Pipettes	withdraw volume 5mL (including bulb), graduations, 0.25 mL	15	https://www.sigmaaldrich.com/IN/en/product/aldrich/br747775?utm_source=google&utm_medium=cpc&utm_campaign=22687445260&utm_content=184673924801&gad_source=1&gad_campaignid=22687445260&gbraid=0AAAAAD8kLQQVkf73x5ex8jdT3vh_edrXM&gclid=CjwKCAiA64LLBhBhEiWA-Pxgu3J73OtyAkyvLLKrioOFq8McpXTqXa8E07Shi_bE5Q7O0m25utZcpBoC3P4QAvD_BwE
39	spray bottle	Pressureless spray bottle made of LDPE with long-life hand pump. adjustable nozzle Spray bottles are made from clear polyethylene terephthalate (PET) and include a white spray nozzle with clear cap to keep nozzle clean and leak-proof.	5	
40	Soxhlet apparatus with boiling flask, extractor chamber, and condenser.	COMPLETE SOXHLET EXTRACTOR Extractor chamber capacity: 200mL; flask capacity: 500mL. Interchangeable standard joints. Standard apparatus for the analytical extraction of solids. Made from high-quality, borosilicate 3.3 glass. Applications include the production of tinctures and aromatic alcohols, food testing, biofuels, environmental analysis of soils, sludge, and wastes.	2	https://www.eiscolabs.com/products/ch0888e

41	Wire gauze	<p>Material: Iron mesh with ceramic centre</p> <ul style="list-style-type: none"> • Grade: Laboratory grade • Size: 15 × 15 cm 	10	
42	Buchner Funnel Flask Kit with Pump	<p>Porcelain Buchner Funnel 60 mm Filtration Flask Material: Borosilicate Glass Filter Flask Capacity: 500ml or 1000ml</p> <p>Buchner Funnel Material: Borosilicate Glass Funnel Capacity: 250ml with perforated glass plate Inside Diameter: 60mm Uses 60mm diameter filter paper (not included) Connector- Ground Glass Joint with Plastic Clamp</p> <p>Appropriate for most of aqueous solvents and organic solvents Acid-resistant, corrosion-resistant Autoclavable and can be sterilized under 180°C Max working temperature: 200°C</p> <p>Filtr8 Lab Filtration Pump 2 feet of tubing with silicone flask connector EVA Carrying Case for pump Vacuum Pressure: 100-130 in H₂O (4-5 PSI) Max Flowrate: 2.8 Liters/ Min Electrical Plug: Type A (USA/ Canada) Input: 120VAC, 60 Hz Power Usage: 2 Watts</p>	1	https://vacuumfiltrationpump.com/products/buchner-funnel-pump

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Bid value range (estimated MVR)		Bid security (in%)	Bid security amount
500,000	1,000,000	0.1	1,000.00
1,000,001	1,500,000	0.15	2,250.00
1,500,001	2,000,000	0.2	4,000.00
2,000,001	2,500,000	0.25	6,250.00
2,500,001	3,000,000	0.3	9,000.00
3,000,001	3,500,000	0.35	12,250.00
3,500,001	4,000,000	0.4	16,000.00
4,000,001	4,500,000	0.45	20,250.00
4,500,001	5,000,000	0.5	25,000.00
