



Ref: LE-092/25

Date: 31.10.2025

M/S. _____

INVITATION TO BID / INSTRUCTIONS TO BIDDERS
CORROSION AND SCALE INHIBITOR / BIOICIDE
TENDER ENQUIRY # LE-092/25
OPENING DATE: 11.12.2025

1-A) We enclose one set of our Tender Enquiry for supply of subject noted items comprising of the following: -

i).	General Terms	Appendix 'A'
ii).	Schedule of Requirement and Delivery	Appendix 'B'
iii).	Technical Specifications	Appendix 'C'
iv).	Price Term Sheet	Appendix 'D'
v).	Specimen of Bid Bond	Appendix 'E'
vi).	Specimen of Performance/Warranty Bond	Appendix 'F'
vii).	Format of Authority Letter for attending public opening of bids (to be provided by the bidder's representatives to the bid opening Committee at the time of public opening of technical as well as commercial bids).	Appendix 'G'
viii).	Questionnaire / Commercial Sheet	Appendix 'I'
ix).	Certificate of Full Disclosure and Non-Collusion	Appendix 'J'
x).	Manner and Mechanism to Blacklisting / Cross Debarring of Supplier or Contractor	Appendix 'K'
xi).	Price Reasonability Certificate	Appendix 'L'
xiii).	Certificate of Declaration Beneficial Owner (for Rs.50 million & above)	Appendix 'M'

2. Your firm and irrevocable offer in Pak Rupees must be based on free delivery at our SNGPL Stores. Piran Ghaib Road, Multan.
3. The delivery must conform to the terms given in the "Schedule of Requirement and Delivery" (Appendix 'B') and must be strictly adhered to. Earlier delivery will also be acceptable.
4. General Terms attached as Appendix-A, must be taken into consideration before submitting your quotation.
5. Your offer must remain open for a period of **60 days** from the closing date of the tender.
6. If you have any doubts as to the meaning of any portion of the specifications or "General Terms", you should when submitting your bid, set out in your covering letter, the interpretation upon which you rely.
7. **Your quotation along with requisite documents complete in all respect duly signed/ stamped shall be submitted online through E-PADS (Federal PPRA) on or before 11.12.2025 at 1330 hours and will be opened publicly on the same date at 1400 hours.**
8. It will be the responsibility of the bidder to submit their quotation before the closing time. The Company does not take any responsibility, whatsoever, of submission of bids at E-PADS.
9. Bids received after the bids opening date and time will not be considered as per PPRA Rules.
10. **It is advised to interested bidders to submit their bids/ quotations online through Federal PPRA E-PADS as well as in hard form through courier or by hand.**

NOTE: SUBMISSION OF TENDER IN HARD FORM

11. Your offer should be prepared in duplicate and both the copies of your bid / quotation should be addressed and forwarded direct to: -

**GENERAL MANAGER (PROCUREMENT) SUI NORTHERN GAS PIPELINES LIMITED,
GAS HOUSE, 1st FLOOR PROCUREMENT DEPARTMENT, 21-KASHMIR ROAD, LAHORE**

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Registered Office:

Sui Northern Gas Pipelines Limited,
21- Kashmir Road, Lahore, Pakistan.
+92-42-99082000-06

www.sngpl.com.pk

Head Office:

21- Kashmir Road, Lahore, Pakistan
+92-42-99082000-06



(2)

12. Both original and duplicate bids/quotations must be enclosed in duplicate **sealed cover**. Both the **Inner** and **outer envelope** must mark with the following:-
 - "Confidential".
 - Bid/ Quotation for the supply of "**CORROSION AND SCALE INHIBITOR / BIOICIDE**".
 - Tender Enquiry No. LE-092/25
 - Bid opening date **11.12.2025** Time **1400 hours**
13. **Tender Documents Fee Rs. 2,500/- must be submitted in shape of Pay order separately favoring SNGPL.**
14. The quotation submitted through online E-PADS (Federal PPRA) and hard form at above mentioned address shall be the same. In case of any contradiction/ difference, bid submitted through online E-PADS shall be considered for evaluation.
15. Sealed cover should not bear any marking which can give any indication about the sender. Offer received by Telex / Telefax / Cable / e-mail will not be accepted.
16. Bids/ quotations will be received in this office on or before **11.12.2025** by **1330 hours** and will be opened publicly on the same date at **1400 hours** at the address mentioned at Sr.7 above. In case of holiday(s) falling on the date of bids opening bids / quotations will be opened at the same time on the next working day. It will be the responsibility of the bidder to deliver the bids before the closing time. The Company does not take any responsibility, whatsoever, of collection of bids from any agency. Bids / Quotations received after the bids opening date and time will not be considered and will be returned.
17. We reserve the right to increase / decrease the quantities or cancel this enquiry in whole or in part before tender opening should our requirement change in the meantime. After tender opening, the quantities may be increased / decreased by 15% of the tender quantities. However, decrease beyond 15% shall be subject to concurrence by the successful bidder.
18. We also reserve the right to have items 100% inspected by a third party at our own expense, or by our Engineer at your manufacturing premises as well as our Inspection Shop.
19. It must be indicated by the bidders by their offers / quotations that their quotation fully conforms to technical specifications and to the terms and conditions of the tender enquiry.
20. Only one authorized representative of bidder will be allowed to attend the public opening of bids, who will be required to submit an authority letter (as per specimen attached as **(Appendix 'G')** in his favor issued by the respective bidder(s) for attending the public opening of bids, failing which he will not be allowed to attend the public opening.
21. Any attempt to obstruct competition by any means including formation of cartels will lead to rejection of your bid. Furthermore, this may also lead to de-listing for your firm from list of approved / pre-qualified manufacturers of the tendered item.
22. **Reservations / Clarifications, if any w.r.t. tender terms / specifications should be asked by the bidder's 7-days prior to the closing date of the tender.**
23. If needed be, please contact Mr. Haider Abbas Dy. Chief Officer (Procurement) Ph: # 042-99085026, E-mail: haider.abbas@sngpl.com.pk.
24. It is contractor's responsibility to take measures as per General Procedure of HSE in view of the environmental health, safety laws and regulations, which is available at www.sngpl.com.pk.
25. Blacklisting and Debarment of bidders and suppliers shall be as per PPRA Rule No. 19.
26. "Bidders are required to submit their firm and irrevocable offer in Pak Rupees inclusive of all Govt. Taxes, Duties & levies etc. except sales tax, which must be based on free delivery at our specified stores / location. The amount of Sales Tax, where applicable, would be mentioned separately.

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(3)

In case GST is not mentioned separately, it shall be considered that offered bid price is inclusive of GST. However, bidders may be required to provide documentary evidence regarding application/ exemption of sales tax as mentioned in bid, if required by us during evaluation of bids or after placement of order/ contract. Payment of sales tax shall be made as prevailing Govt. rules/ regulations."

Yours faithfully,

SUI NORTHERN GAS PIPELINES LIMITED

(HAIDER ABBAS)

DY. CHIEF OFFICER (PROCUREMENT)
for MANAGING DIRECTOR

Tender Enquiry No. LE-092/25 Due On: 11.12.2025

Instrument No. _____ Dated _____ Amount Rs. _____

Registered Office:

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SCHEDULE OF REQUIREMENT/DELIVERY
TENDER ENQUIRY NO. LE-092/25

The approximate total requirement of "**CORROSION AND SCALE INHIBITOR / BIOICIDE**" and delivery required is as under: -

SR. #.	Description	Qty. (Kg.)	Bid Bond Valuing (Rs.)	Delivery Required
1.	CORROSION AND SCALE INHIBITOR	3000	48,000/-	
2.	BIOCIDE	1200	20,400/-	
		Total:	68,400/-	Free delivery required within 03 Months after receipt of purchase order at our SNGPL Store, Piran Ghaib Road, Multan.

Notes: -

1. As a result of evaluation / scrutiny of bid, if any clarification is sought by SNGPL, bidders are required to adhere to the timeline specified by the SNGPL. In case of non-compliance to the timeline, SNGPL reserves the right to proceed further without any recourse.
2. "During the course of evaluation, if any clarification is required from bidder, the timeline for submission of response must be adhered to, failing which the bid may not be considered for further processing."
3. The bidders are required to quote their prices strictly as stipulated in the clauses 3(a) to 3(b) below. Any bid received without indicating unit price for delivery at our specified Stores / location other required breakdown of prices will be considered as non-responsive.
- 3(A) Please quote your firm and irrevocable prices(s) for free delivery at our specified Stores / location including all Government taxes / duties, transportation, unloading, stacking at above mentioned Stores but Excluding of sales tax on the end product offered by you. Sales tax on finished product offered by you. Sales tax on finished goods may be reimbursed to you on the basis of documentary evidence for being paid the sales tax to relevant Government Authorities.
- 3(B) Please indicate separately break up of your quoted prices as per clause 3(a) above giving cost of raw materials (including all duties, taxes, sales tax) and Sales Tax payable on the end finished products, if any should be indicated separately with documentary evidence.
4. Bidder must conform to the specified tender terms.
5. Free delivery at our specified store including all Taxes / Duties included in your quoted prices duly supported by documentary evidence.
6. The bidders are required to provide complete details of orders in hand with them and the tenders against which bidder / manufacturer has already participated against tenders of different organizations including SNGPL.
7. **PACKING:** - The material should be packed suitably for safe transportation / handling / storage etc.
8. **INSPECTION:** - SNGPL reserve the right to have the items inspected at supplier's work before dispatch by third party inspector at our own cost, if required. It shall however, not absolve the supplier / manufacturers to supply the goods and carry out quality control in accordance with the specifications and standards mentioned in this tender and purchase order.
9. The Company reserves the right to reject any bid received from any bidder who have defaulted the supply fulfillment contractual obligations etc. with respect to supply / services against previous purchase order(s) placed on them.
10. We require delivery as per above mentioned schedule / period, you however may quote your best delivery schedule period.
11. Material should be supplied as per our specification; sub-standard / defective material will have to be replaced by you on '**NO CHARGE BASIS**' even after our acceptance.

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12. All bidders are required to complete "Appendix-I" (Questionnaire Form) attached with the tender enquiry and return it with their quotation.
13. The Company reserves the right to extend the opening date of tender enquiry without assigning any reason and to accept or to reject any offer without assigning any reasons.
14. In case goods supplied by you are found sub-standard at any stage, you will be required to replace at your own cost within 7 - days of receipt of written letter from us to that effect.
15. Your offer should be accompanied by a copy of valid Sales Tax Registration, NTN and Professional Tax clearance certificate in your name, failing which the offer will not be considered for evaluation.
16. Sales Tax will be paid to you on submission of documentary evidence.
17. **Conditional offer will not be considered for evaluation.**
18. Bidders in their quotation write the prices in figures as well as in words. In case of any dispute between unit price, and total price, the unit price shall prevail.
19. Discount, if any, should be boldly shown under the prices. Discount, if conditional or not read at the time of bid opening shall not be considered during bid evaluation.
20. We reserve the right to increase/decrease the quantities or cancel this enquiry in whole or in part before tender opening should our requirement change in the meantime. After tender opening, the quantities may be increased / decrease by 15% of tender quantities. However, decrease beyond 15% shall be subject to concurrence by the successful bidder.
21. Your deliveries are liable to be tested / physically inspected by us and if you fail to supply the material according to our specifications we reserve the right to cancel the purchase order.
22. **Bids will be evaluated and accepted for above offered quantity. No bid will be acceptable for less than the quantity specified above in the schedule of requirement.**
23. Please note that only firm and irrevocable offer will be considered for evaluation and acceptance, and no offer which contains any conditions such as the quoted price linked with foreign exchange rates, custom duty and transportation etc. will not be considered for acceptance.
24. Reservations/clarifications, if any w.r.t tender terms/specifications should be asked by the bidders 05 days prior to the closing date of the tender.
25. Please indicate clearly your reservations if any, to the terms and conditions of the tender enquiry, on the quotation.
26. It is contractor's responsibility to take measures as per General Procedure of HSE in view of the environmental health, safety law and regulations, which is available at www.sngpl.com.pk.
27. The bidder is required to be on **Active Taxpayer List of FBR** for obtaining tender documents and quoting bid against tender enquiry.
28. The following documents / information must be provided along with the bid: -
 - Name of the bidder.
 - Type of ownership i.e. Proprietor / Partnership / Private Limited Company /Public Limited Company.

Following relevant papers must be provided in respective cases: -

- Copy of NIC in case of single proprietor
- Copy of Partnership deed in case of partnership
- Copy of Article of Association for Private / Public Limited Companies.
- Date of establishment of business concern.
- GST Number alongwith copy of certificate.
- National Tax Number alongwith copy of certificate.
- **Professional Tax Clearance Certificate (2025-26)**

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29. Please provide your firm's official E-mail ID & Website (if any) Contact Numbers in your bid for correspondence.

- E-Mail ID.
- Website.
- Contact Numbers.

30. Before bid submission deadline, any bidder may withdraw, substitute, or modify its bid after it has been submitted by sending a written notice, duly signed by an authorized representative, and the corresponding substitution or modification must accompany the respective written notice.

Sr. No.	Name of Supplier	Account Name	IBAN Account Number	Account Number	Account Title / Name	Bank Name	Branch Name	Branch Code

Registered Office:

Sui Northern Gas Pipelines Limited,
2nd - Kashmir Road, Lahore, Pakistan.
+92-42-99082000-06

www.sngpl.com.pk

Head Office:

2nd - Kashmir Road, Lahore, Pakistan
+92-42-99082000-06

 Title	SPECIFICATIONS		Doc. #	Comp/Spec-WTC/002
	Corrosion & Scale Inhibitor		Rev. #	00
			w.e.f	26 Dec 2018
			Page	Page 1 of 1

SPECIFICATION

Product Name: Corrosion & Scale Inhibitor

Efficiency:

- a. Corrosion scale inhibitors (preferably HEDP) offered should be effective to control corrosion and scales in open water circulation system.
- b. Possess rust removal / dispersing capability.
- c. Non heavy metal type (EPA standards are enable.). Supplier has to arrange certification in respect of their chemicals from EPA certified laboratory
- d. Effective over a PH range of 7.0 to 9.0
- e. The product should contain 30% PO₄.
- f. Dosing ppm rate (based on station blow down volume as per Annexure '3') should be quoted in single figure; in case of range highest figure will be considered for the quoted product and evaluate accordingly
- g. Capable of producing following minimum results:
 - (1) Corrosion rate carbon steel below 20 mdd.
 - (2) No scaling or fouling
 - (3) It should be good dispersant / anti scalant as well as anticorrosion simultaneously
- h. Preferably liquid type as our systems is equipped with chemicals dosing pumps
- i. Effective during wet storage of heat exchangers.
- j. Provide certificate from Certified Authority as Capable of producing the results given at (c & e) above.

Product Data:

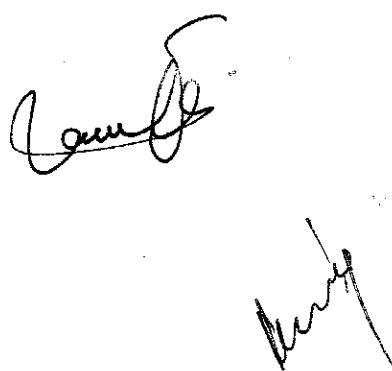
Following product data is required to be submitted for the offered corrosion and scale inhibitor:-

- Shelf storage life and storage temperature.
- Freezing point.
- Flash point.
- Product main ingredient should be HEDP or equivalent organic phosphate.
- List of additives such as acrylates, azoles etc. and their percentage.
- Density

 Title	SPECIFICATIONS		Doc. #	Comp/Spec-WTC/002
	Corrosion & Scale Inhibitor		Rev. #	00
			w.e.f	26 Dec 2018
			Page	Page 2 of 1

Terms & Conditions:

- Raw material of offered Chemical should be imported and Country of origin should also be mentioned.
- Bidder will attach their authorization certificate.
- Bidder shall provide list of main additives for chemicals with compatible proportion of their active ingredients.
- Bidder will ensure above 30 % of active organic phosphate in their quoted chemicals and provide sample of 2 Kg of offered chemical along the bid for testing / verification of required concentration.
- Chemical will be analyzed at random from the lot at our end. If analysis results will not be according to our required specification, then the whole lot would be rejected.
- Weekly dosage recommendations on each station should be mentioned separately.
- Bidders to furnish procedure of testing routine tests along with kits. The successful bidder will have to provide phosphonate testing kits enough for 2000 tests and 40 Nos. corrosion coupons along with chemical delivery and shall have to confirm provision of analysis and reporting facility for removed coupons.
- Bidder should ensure quality of packing material i.e., plastic canes would not leak during storage period of these chemicals (upto 2 years).
- Bidder to provide test reports of the product regarding active ingredient from certified laboratory.
- Filled data sheets and MSDS for the quoted chemical for our six different compressor stations should be attached with the offer. This data sheet is enclosed as Annexure 4.
- System data is attached as Annexure 1, 2 & 3.



	SPECIFICATIONS		Doc. #	Comp/Spec- WTC/001
	Title	Microbiocide	Rev. #	00
			w.e.f	26 Dec 2018
			Page	Page 1 of 1

SPECIFICATION

Product Name: Microbiocide

Efficiency:

- a. Microbiocide should be effective to control bacterial, algal and fungus growth.
- b. Microbiocide should be effective over a pH range 7.0 to 9.0
- c. Ability to remove established biofilm and to inhibit regrowth.
- d. Broad spectrum of activity
- e. Chemically compatible with most common scale and corrosion inhibitors
- f. Ability to reduce populations of sessile microorganisms known to cause corrosion
- g. Effective over a broad temperature range
- h. Compatible with chlorine
- i. Free of heavy metals
- j. Concentration of active ingredient (isothiazolinone) should not be less than 5%
- k. Capable of producing following minimum results.
 - 1) Bacteria growth to be below 10000 organism / ml.
 - 2) No yeast or mould growth

Product Data:

Following product data is required to be submitted for the offered microbiocide.

- Shelf storage temperature.
- Freezing point.
- Flash point.
- Main ingredients which are effective against bacteria, algae and fungus.
- Percentage Concentration of main ingredients.
- Density.

Terms & Conditions:

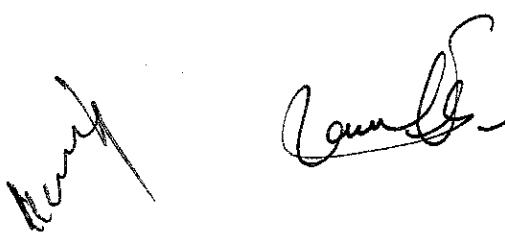
- Raw material of offered Chemical should be imported and Country of origin should also be mentioned.
- Bidder shall attach their authorization certificate.
- Bidder shall provide list of main additives for chemicals with compatible proportion of their active ingredients.

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	SPECIFICATIONS		Doc. #	Comp/Spec- WTC/001
	Title	Microbiocide	Rev. #	00
			w.e.f	26 Dec 2018
			Page	Page 2 of 1

- Chemical will be analyzed at random from the lot and if analysis results will not be according to our required specification, then the whole lot would be rejected.
- Weekly dosage recommendations of each station should be mentioned separately.
- The bidder will have to confirm the provision of 09 Nos. dual dip slides per month to analyze the efficiency of microbiocide for the period during chemical use.
- Bidder should ensure quality of packing material i.e., plastic canes would not leak during storage period of these chemicals (upto 2 years).
- Bidder to provide test reports of the product regarding active ingredient from certified laboratory.
- Filled data sheets and MSDS for the quoted chemical for our six different compressor stations should be attached with the offer. This data sheet is enclosed as Annexure 5.
- System data is attached as Annexure 1, 2 & 3.



ANNEXURE-1

RAW WATER ANALYSIS

Sr. No.	Description	Compressor Station					
		AC-1X	AC-4	AC-6	AC-8	BC-1	CC-1
1	pH	7.69	7.83	7.94	8.06	8.02	7.67
2	Conductance(µS)	730	760	790	756	616	828
3	Total Dissolved Solids (ppm)	401	413	434	415	338	455
4	Total Hardness as CaCO ₃ (ppm)	254	243	226	234	214	235
5	Chlorides (ppm)	36	35	36	42	38	48
6	Ca Hardness (ppm)	160	170	130	182	148	194
7	Total Alkalinity (ppm)	210	217	196	190	188	197



ANNEXURE 2**CIRCULATING WATER ANALYSIS**

Sr. No.	Description	Compressor Station					
		AC-1X	AC-4	AC-6	AC-8	BC-1	CC-1
1	PH	8.1	8.1	8.2	7.9	8.1	8.1
2	Conductance (μ S)	1400	1700	1480	1500	1640	1574
3	Total Dissolved Solids(ppm)	924	1122	977	990	1082	1038
4	Silica (ppm)	36	34	34	40	42	42
5	Calcium (ppm)	66	33.44	49.48	15.5	31	34
6	Sodium (ppm)	67	64	58	84	84	7
7	Total Hardness as CaCO_3 (ppm)	395	370	417	350	410	418
8	Chlorides (ppm)	98	112	104	118	122	114
9	Ca Hardness (ppm)	194	214	210	200	204	220
10	Total Alkalinity (ppm)	270	250	327	220	162	155
11	Sulphates (ppm)	110	104	112	180	110	160



ANNEXURE-3

OPERATIONAL CONDITION OF COOLING WATER SYSTEM

Sr. No.	Description	Compressor Station							
		AC-IX			AC-4		AC-6		
		SUI SECTION	Q. PUR SECTION	LNG SECTION	A SECTION	B SECTION	AC-8 SECTION	BC-1 SECTION	CC-1 SECTION
1	Type of Cooling Tower								
2	Type of Heat Exchanger	Shell & Tube							
3	No. of Cells	3	5	4	4	2	2	2	1
4	Recirculating Rate (RR) m ³ /hr	1723	2825	2119	2119	976	976	976	487
5	Temperature Drop (ΔT)	10	10	10	10	10	10	10	10
6	Evaporation Rate (E) m ³ /hr	14.64	24.01	18	18	8.2	8.2	8.2	4.1
7	No. of Cycles (N)	3	3	3	3	3	3	3	3
8	Blowdown (B) m ³ /hr	7.80	9.57	6	6	3.28	3.28	3.28	1.6
9	Make-up-water (MU) m ³ /hr	25.3	39.25	28.23	28.23	13.35	13.35	13.35	6.67
10	System Volume (V) m ³	144	240	192	192	96	96	96	48

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ANNEXURE-4

SPECIFICATION OF CORROSION AND SCALE INHIBITOR

- 1) Brand name of the chemical: _____
- 2) Name of manufacturer: _____
- 3) Country of origin: _____
- 4) Type: _____
- 5) Form (Liquid/ tablet/Powder): _____
- 6) Dosage in ppm
(should be based on Blow down volume) _____
- 7) Total monthly requirement _____
- 8) Density: _____
- 9) pH: _____
- 10) Effective pH range: _____
- 11) Is the chemical non-heavy metal Type
(Certification from some Recommended
laboratory) _____
- 12) Main ingredients / concentration _____
- 13) Freezing point: _____
- 14) Flash point: _____
- 15) Is it effective to control?
i) corrosion? (Yes / No) _____
ii) Scale? (Yes / No) _____
- 16) Does it possess scale prevention
and dispersing capability? (Yes/No) _____
- 17) Is it effective to control corrosion & Scale in
open water circulation system ? Yes/No) _____



ANNEXURE-5

SPECIFICATIONS OF MICROBIOCIDE

- 1) Brand name of the chemical: _____
- 2) Name of manufacturer: _____
- 3) Country of origin: _____
- 4) Type: _____
- 5) Form (Liquid/ tablet/Powder): _____
- 6) Dosage in ppm
(should be based on Blow down volume) _____
- 7) Total monthly requirement _____
- 8) Density: _____
- 9) pH: _____
- 10) Effective pH range: _____
- 11) Is the chemical non-heavy metal Type
(Certification from some Recommended
laboratory) _____
- 12) Main ingredients / concentration: _____
- 13) Freezing point: _____
- 14) Flash point: _____
- 15) Is it capable of producing following minimum results?
 - i) Bacterial growth to be below
10000 organism / ml? (Yes / No) _____
 - ii) No yeast or mould growth? (Yes / No) _____
- 16) Does it possess ability to remove established biofilm
and to inhibit re-growth? (Yes/No) _____
- 17) Would it achieve the desired control
specified at Sr/ No. a & b of Specifications
of Microbiocide? (Yes/No) _____

