



STATE BANK OF PAKISTAN

SBP BANKING SERVICES CORPORATION

**'REQUEST FOR QUOTATIONS'
(RFQ)**

FOR

**SUPPLY OF WATER TREATMENT CHEMICALS FOR HVAC SYSTEM
AT STATE BANK OF PAKISTAN SBP, BSC (BANK), PESHAWAR**

March-2019



**STATE BANK OF PAKISTAN
SBP BANKING SERVICES CORPORATION**

No. ENGG/PEW/ 50209 /WT Chemicals - 2019

Date: 29th March, 2019

REQUEST FOR QUOTATION (RFQ)

For

**SUPPLY OF WATER TREATMENT CHEMICALS FOR HVAC SYSTEM
AT STATE BANK OF PAKISTAN SBP, BSC (BANK), PESHAWAR**

Sealed quotations are invited for the subject work from relevant contractors/suppliers/firms dealing in supply of HVAC related chemicals/descalers, and registered with Income Tax Department/Sales Tax Authority/Department/Board (if the bidder/firm is not registered, 100% applicable sales/services tax shall be deducted by the Bank at source).

Quotations should reach the Engineering Unit, at 2nd Floor, Tower Block Building, SBP BSC (Bank), Saddar Road, Peshawar on or before **12-04-2019 at 03.00PM** Quotations shall be opened on same day at **03.30PM** in office of the Deputy Chief Manager (Engineering) in presence of the bidders/firms who may like to be present during the quotations opening session.

Sd/-

Sr. Deputy Chief Manager (Admn.)

Phone: 091-9211977

Fax No: 091-9211963

**SUPPLY OF WATER TREATMENT CHEMICALS FOR HVAC SYSTEM AT STATE BANK OF PAKISTAN SBP,
BSC (BANK), PESHAWAR**

BILL OF QUANTITIES

S/ No.	Product Description (proposed)	Product/Brand Name (to be mentioned by the supplier)	Quantity* (Proposed by supplier according to his respective product/brand)	Unit Price without Taxes	Total Price in Pak Rupees Inclusive all Taxes.
1	Corrosion Inhibitor for Chilled/Hot Water Closed Circuit.				
2	Corrosion Inhibitor for Cooling Water Open Circuit.				
3	Micro Biocide For control of Microbiological growth in Cooling Water Open Circuit.				
4	Dispersant for control of Algae, Bacteria and Fungi in cooling towers (Open Loop)				
5	Tri Sodium Phosphate (Na ₃ PO ₄) for control of Boiler Water Hardness control.				
6	Sodium Sulphate (Na ₂ SO ₃) Corrosion inhibitor for Boiler water.				
<p>*Quantities of the chemical will be ascertained by the firm/supplier on the basis of enclosed raw water test reports, water testing by the supplier at site and chemistry of respective product/brand offered by the supplier/firm according to site requirements.</p>					

(Rupees : _____)

A. Instructions to Bidders / Terms & Conditions:

1. **Quotations Opening Date/Time:** **12-04-2019 @ 03:30PM.**
2. **Quotations Opening Venue:** Office of Deputy Chief Manager (Admn),
Mezzanine Floor, State Bank of Pakistan, SBP
BSC (Bank), Saddar Road, Peshawar.
3. **Earnest Money:** Not Applicable.
4. **Completion Time:** **15 Days** from issuance of Supply Order.
5. **Defects Liability Period:** **365 Calendar Days.**
6. **Bid Validity from the Date of opening of Quotations:** 90 Days at least
7. **Mode of Payment:** **90%** after supply of chemicals against bill.
10% (Retention Money) after satisfactory completion of Defect Liability Period.
8. Rates quoted by the bidder/firm should be inclusive of all applicable govt. taxes, transportation charges, overheads etc.
9. The bidder/firm should be registered with Income Tax Department.
10. The bidder/firm should be registered with relevant Sales Tax Authority/Department/Board. (If the bidder/firm is not registered, 100% applicable sales/services tax shall be deducted by the Bank at source)
11. Quotations will be opened on the date, time and venue as mentioned above in the presence of bidders or their authorized representatives who may like to be present during the bid opening session.
12. Bids will be checked by the Employer for any arithmetic errors. Where there will be a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern. The amount stated in the Bid will be adjusted by the Employer accordingly and, with the concurrence of the Bidder, shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount, the Bid will be rejected.
13. The Employer will reject a proposal for award if it determines that the Bidder recommended for award has been engaged in corrupt or fraudulent practices in competing for the contract in question like pooling, or giving bribery/ prizes or any sum of money etc. to the persons responsible or engaged in procurement or to other prospective bidders; or the Employer will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract within its jurisdiction if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a contract.
14. Sub-Contracting is not allowed under any circumstances.
15. No Price Adjustment will be made for any variation in the market prices, taxes/ duties or change in wages or the Law.
16. No payment shall be by the bank in advance to the supplier/firm.

17. For valuation of variations and approval of rates for non-BOQ/extra items, the decision of the Director/Head Engineering will be final & binding upon the parties.
18. Bank/ employer reserve the right to reject any or all of the bids as per PPRA rules.
19. All applicable taxes/ levies etc. shall be deducted at source from the firm's payable amounts at the prevailing government rates at the time of payment.
20. Chemicals will be supplied by the firm/supplier strictly in accordance with the quotation.
21. Bidders/firms should visit the site (at their own expense) to ascertain the quantity of chemicals according to plant requirements before quoting their rates.
22. In case, quality of the supplies is found unsatisfactory, the firm/supplier will have to repeat the same without any additional cost/charges to the employer/Bank.
23. Firms who have failed to perform previously with SBP / SBP BSC are not eligible to bid.
24. In case of any shortfall of chemicals during use within the defect liability period, the supplier/firm will be bound to supply the required additional quantities to the bank on same rates and terms & conditions.
25. The firm/supplier to whom work is awarded will be bound to provide necessary guidance/technical support to the client regarding use/dosage of chemicals at site as and when required during defect and liability period.
26. In case of any breach of any terms & conditions of this RFQ, SBP-BSC reserves right to take punitive action against the supplier/firm for which decision of the Director of Engineering shall be conclusive.
27. In case of late completion of work/supply, the bank at its own discretion may impose a **penalty @Rs.500 per day** on the supplier.
28. **Retention Money @10%** shall be deducted from supplier's bill (s) and it shall be returned after completion of Defect/Liability Period as mentioned above in terms & conditions.
29. After satisfactory completion of supplies/works at site, the supplier/contractor will submit his bill to the bank for payment.
30. **If any dispute arises between the parties (the Firm & the Employer), the matter shall be referred to the Director, Engineering Department, SBP,BSC (Bank), Head Office, Karachi who will examine the matter in detail and give the decision which will be final & binding upon the parties.**

Undertaking by the Bidder:

I ----- had visited the site and have fully understood the scope of work & specifications. All the above Terms & Conditions are acceptable to us. We are not blacklisted by the Bank or any other organization. We also undertake that this quotation has been prepared without any collusion/pooling or by adopting any unauthorized practice.

Date:**Bidders Signature**

Name & CNIC No. of the contact person	
Company/Business Name:	
NTN Number:	
GST No. / PST No.	
Phone No:	
Cell No:	
Fax No:	
Email ID:	
Business Address:	

For Official Use only				
Nos. of cuttings/overwriting.....			Nos. of alterations.....	
..... AEE/AE ACM (Engg.) ACM (IMU) Sr. DCM CM



CENTRAL WATER QUALITY LABORATORY
PUBLIC HEALTH ENGG: DEPTT: KHYBER PAKHTUNKHWA, PESHAWAR
Ph: 091-9217788, Fax: 091-9217788, e-mail: srophed@gmail.com
Plot # 40, Sector B-II, Phase-V Hayatabad, Peshawar



No: 18/PWR/ P038

WATER QUALITY ANALYSIS REPORT

Source Name ID	State Bank of Pakistan, Peshawar		Sampling Date & Time	13-03-2019, 8:00		
Source Sampling point	Condenser		Sample Receipt Date & Time	13-03-2019, 10:00		
Address District	Peshawar		Temperature (on receipt)	22.0 °C		
Collected by/Received From	Client (Greaves Private Limited)		Date & Time of Analysis	13-03-2019, 10:30		
Sender Reference No	Nil		Reporting Date	15/03/2019		
PHYSICAL AND AESTHETIC PARAMETERS						
S.#	Water Quality Parameters	Unit	Analysis Results	Permissible Limits	Reference Method	Detectable Limits
1	Color	-	Clear	Clear/Colorless	Sensory evaluation	-
2	Odor	-	Unpleasant	Unobjectionable (U.O)	Sensory evaluation	-
3	Taste	-	Unpleasant	Unobjectionable (U.O)	Sensory evaluation	-
4	pH	-	7.7	6.5-8.5 (WHO 2004)	APHA, 20th Edition	0.02
5	E.C	µS/cm	1353	NGVS	APHA, 20th Edition	0.2875
6	Turbidity	FNU	1.8	5 (WHO 2004)	APHA, 20th Edition	0.01
MAJOR CHEMICAL PARAMETERS						
7	TDS	mg/L	676.5	1000 (WHO, 2004)	APHA, 20th Edition	-
8	Hardness	mg/L	208	500 (WHO, 2004)	APHA, 20th Edition	5
9	Calcium	mg/L	51.2	200 (WHO, 2004)	APHA, 20th Edition	2
10	Magnesium	mg/L	19.4	150 (WHO, 2004)	APHA, 20th Edition	1
11	Alkalinity	mg/L	88	NGVS	APHA, 20th Edition	-
12	Carbonate	mg/L	0	NGVS	APHA, 20th Edition	5
13	Bicarbonate	mg/L	88	NGVS	APHA, 20th Edition	5
14	Chloride	mg/L	45.1	250 (WHO, 2004)	APHA, 20th Edition	2
15	Sodium	mg/L	NI	200 (NSDWQ 2008)	APHA, 20th Edition	1
16	Arsenic	µg/L	NI	50 (NSDWQ 2008)	APHA, 20th Edition	0.01
17	Nitrate	mg/L	NI	10 (WHO, 2004)	APHA, 20th Edition	0.06
18	Sulfate	mg/L	NI	250 (WHO, 2004)	APHA, 20th Edition	0.4
19	Iron	mg/L	BDL	NGVS	Sensory evaluation	-
MICROBIOLOGICAL PARAMETERS						
20	Total Coliform	+Ve/-Ve	NI	+Ve	Detection Kit	
21	Fecal Coliform	+Ve/-Ve	NI	-Ve	Detection Kit	

Abbreviations:

NGVS: No Guideline Value Set

WHO: World Health Organization

BDL: Below Detection Level

+Ve/-Ve: Positive/Negative

BDL: Below Detection Level

NT: Not Tested

E.C: Electrical Conductivity

FNU: Formazin Nephelometric Units

mg/µg/L: milli-gram/micro-gram per Liter

Remarks:

Taste and odor unpleasant, no issue found with chemical parameters.

Terms and Conditions

- The results of the laboratory analysis by PHED are verified as accurate and authentic only for the parameters tested.
- Analysis report is not valid for court use or business purpose.
- In case of any dispute in connection with authenticity of the report, the laboratory record of the analysis will be considered final.
- PHED does not accept any responsibility regarding accuracy of sample collection procedures if collected by the client.
- PHED will not be responsible for loss or damage to the samples in its possession for reasons beyond its control.
- PHED reserves the right to accept or reject samples for analysis without assigning any reason.

Lab Incharge:

Research Officer
Central Laboratory (WQ)
PHED, Peshawar



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No. 18/PWR/ P039

WATER QUALITY ANALYSIS REPORT

Source Name ID	State Bank of Pakistan, Peshawar		Sampling Date & Time		13-03-2019, 8:00	
Source Sampling point	Raw Water		Sample Receipt Date & Time		13-03-2019, 10:00	
Address District	Peshawar		Temperature (on receipt)		22.0 °C	
Collected by/Received From	Client (Greaves Private Limited)		Date & Time of Analysis		13-03-2019, 10:30	
Sender Reference No.	NIL		Reporting Date		15/03/2019	
PHYSICAL AND AESTHETIC PARAMETERS						
S.#	Water Quality Parameters	Unit	Analysis Results	Permissible Limits	Reference Method	Detectable Limits
1	Color	-	Clear	Clear/Colorless	Sensory evaluation	-
2	Odor	-	U.O	Unobjectionable (U.O)	Sensory evaluation	-
3	Taste	-	U.O	Unobjectionable (U.O)	Sensory evaluation	-
4	pH	-	7.4	6.5-8.5 (WHO 2004)	APHA, 20th Edition	0.02
5	E.C	µS/cm	795	NGVS	APHA, 20th Edition	0.2875
6	Turbidity	FNU	0.92	5 (WHO 2004)	APHA, 20th Edition	0.01
MAJOR CHEMICAL PARAMETERS						
7	TDS	mg/L	397.5	1000 (WHO, 2004)	APHA, 20th Edition	-
8	Hardness	mg/L	184	500 (WHO, 2004)	APHA, 20th Edition	5
9	Calcium	mg/L	40	200 (WHO, 2004)	APHA, 20th Edition	2
10	Magnesium	mg/L	20.4	150 (WHO, 2004)	APHA, 20th Edition	1
11	Alkalinity	mg/L	80	NGVS	APHA, 20th Edition	-
12	Carbonate	mg/L	0	NGVS	APHA, 20th Edition	5
13	Bicarbonate	mg/L	80	NGVS	APHA, 20th Edition	5
14	Chloride	mg/L	37.6	250 (WHO, 2004)	APHA, 20th Edition	2
15	Sodium	mg/L	NT	200 (NSDWQ 2008)	APHA, 20th Edition	1
16	Arsenic	µg/L	NT	50 (NSDWQ 2008)	APHA, 20th Edition	0.01
17	Nitrate	mg/L	NT	10 (WHO, 2004)	APHA, 20th Edition	0.06
18	Sulfate	mg/L	NT	250 (WHO, 2004)	APHA, 20th Edition	0.4
19	Iron	mg/L	BDL	NGVS	Sensory evaluation	-
MICROBIOLOGICAL PARAMETERS						
20	Total Coliform	+Ve/-Ve	NT	+Ve	Detection Kit	
21	Fecal Coliform	+Ve/-Ve	NT	-Ve	Detection Kit	

Abbreviations:

NGVS: No Guideline Value Set

+Ve/-Ve: Positive/Negative

E.C: Electrical Conductivity

WHO: World Health Organization

BDL: Below Detection Level

FNU: Formazin Nephelometric Units

BDL: Below Detection Level

NT: Not Tested

mg/µg/L: milli-gram/micro-gram per Liter

Remarks:

No issue found with the physical and chemical parameters tested.

Terms and Conditions

- The results of the laboratory analysis by PHED are verified as accurate and authentic only for the parameters tested.
- Analysis report is not valid for court use or business purpose.
- In case of any dispute in connection with authenticity of the report, the laboratory record of the analysis will be considered final.
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Lab Incharge: Adul

Research Officer
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