



GOVERNMENT OF WEST BENGAL
DEPARTMENT OF PUBLIC HEALTH ENGINEERING
WATER & SANITATION SUPPORT ORGANISATION (WSSO)
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Memo No: PHE/WSSO/112 (Pt. - ~~XXI~~) / 1998 - 2026.

Dated: 06/08/2019.

To,

The Executive Engineer,

Alipurduar Division, Bankura Division, Bardhaman Division, Asansol Mech. Division, Durgapur w/s Division, RCFA w/s Division, Bolpur Mech. Division, Birbhum Division, Coochbehar Division, Balurghat Division, Neorakhola w/s Mnt. Division, Siliguri w/s Division, Hooghly Division, Howrah Division, Jalpaiguri Division, Malda Division, Malda Arsenic Area w/s Division, Murshidabad Division, Behrampur Mechanical Division, Nadia Division, Barasat Division, North 24 Pgs w/s Division, Medinipur Division, Tamluk Division, Purulia Division, Purulia Mech. Division, Alipur Division, South 24 Pgs w/s Division, Raiganj Division.

PHE Dte., Govt. of West Bengal.

Sub: Submission of DPR regarding procurement of Chemicals & Consumables, Glassware etc. required for smooth running of the laboratories

Ref: PHE/WSSO/112(Pt-XXII)/1745-1773 dated 15/07/2019

This has reference to memo no. PHE/WSSO/112(Pt-XXII)/1745-1773 dated 15/07/2019 wherein you were requested for submitting the DPR for procurement of chemicals, consumables & glassware for water testing laboratories, consumables for On-site Mobile Analysis System (OMAS) and Annual Maintenance Contract of Computer, Printer, UPS & other related peripherals under your jurisdiction for next 12 months based on no. of sources tested in 2018-19 as reflected in WQ Dashboard.

However, it has been observed that several divisions are sending the DPRs which are inconsistent with respect to the works as stated above. Also the total no. of samples considered are much higher than the chemical & bacteriological WQ tests conducted in the previous years for some of the divisions.

For the reasons as stated above, estimated cost of some of the DPRs have become significantly high. Under the above circumstances he is requested to recast or prepare the DPRs (as the case may be) taking into consideration the observations as elucidated above.

A division wise tentative cost of chemicals based on no. of samples tested for the financial year 2018-19 is enclosed herewith for ready reference.

For the current financial year i.e. 2019-20, the total no. of samples to be considered should not exceed more than 5% of the samples tested in previous year i.e. 2018-19.

The corrected DPR, in triplicate, should be sent to this office positively by **16/08/2019**.

Chief Engineer & Director, WSSO
PHE Dept., Govt. of West Bengal

Memo No: PHE/WSSO/112 (Pt. - ~~XXII~~) / 1998 - 2026 / (1-10) Dated: 06/08/2018

Copy forwarded for information to:

1. The Superintending Engineer, South 24 Pgs w/s Circle/Eastern Circle/Murshidabad Circle/PIU, North 24 Parganas, WBDWSIP/North Bengal Circle I/North Bengal Circle II/Western Circle/RCFA w/s Circle/ Central Circle/Mechanical Circle I, PHE Dte. Govt. of West Bengal

Chief Engineer & Director, WSSO
PHE Dept., Govt. of West Bengal

Division wise tentative cost of chemicals for the financial year 2019-20 based on actual testing for the financial year 2018-19 as per WQ Dashboard

| Particular | Arsenic | | Bacteriology | | Chloride | | Fluoride | | Total Hardness | | Iron | | Manganese | | pH | | Residual | | Turbidity | | Division wise cost of Chemicals | |
|----------------------------------|-------------|-------------------------|--------------|------------------------|-------------|------------------------|-------------|-------------------------|----------------|-----------------------|-------------|------------------------|-------------|------------------------|-------------|-----------------------|-------------|---------------------|-------------|------------------------|---------------------------------|----------------|
| | No. of test | Cost per sample @105.71 | No. of test | Cost per sample @89.21 | No. of test | Cost per sample @54.69 | No. of test | Cost per sample @147.73 | No. of test | Cost per sample @5.43 | No. of test | Cost per sample @22.79 | No. of test | Cost per sample @72.83 | No. of test | Cost per sample @1.38 | No. of test | Cost per sample @12 | No. of test | Cost per sample @12.90 | | |
| Alipurduar Division | 0 | 0 | 4938 | 440519 | 0 | 0 | 0 | 0 | 4820 | 26,173 | 4872 | 1,11,033 | 4071 | 2,96,491 | 5211 | 7,191 | 143 | 1716 | 5243 | 67,635 | 9,50,757.27 | |
| Bankura Division | 0 | 0 | 27053 | 2413398 | 0 | 0 | 19129 | 28,25,927 | 24699 | 1,34,116 | 19573 | 4,46,069 | 17684 | 12,87,926 | 25981 | 35,854 | 1912 | 22944 | 22239 | 2,86,883 | 74,53,116.14 | |
| Barddhaman Division | 2338 | 247150 | 25480 | 2273071 | 0 | 0 | 0 | 0 | 17088 | 92,788 | 20611 | 4,69,725 | 8474 | 6,17,161 | 25119 | 34,664 | 2129 | 25548 | 8814 | 1,13,701 | 38,73,807.55 | |
| Asansol Mech. Division | 0 | 0 | 414 | 36933 | 45 | 2,461 | 45 | 6,648 | 368 | 1,998 | 372 | 8,478 | 372 | 27,093 | 391 | 540 | 68 | 816 | 369 | 4,760 | 89,726.40 | |
| RCFA W/s Division | 0 | 0 | 385 | 34346 | 0 | 0 | 0 | 0 | 191 | 1,037 | 216 | 4,923 | 156 | 11,361 | 255 | 352 | 13 | 156 | 240 | 3,096 | 55,271.00 | |
| Durgapur W/S Division | 0 | 0 | 918 | 81895 | 0 | 0 | 0 | 0 | 593 | 3,220 | 341 | 7,771 | 235 | 17,115 | 603 | 832 | 35 | 420 | 710 | 9,159 | 1,20,412.35 | |
| Birbhum Division | 0 | 0 | 14827 | 1322717 | 0 | 0 | 13696 | 20,23,310 | 14747 | 80,076 | 14858 | 3,38,842 | 4015 | 2,92,412 | 16914 | 23,341 | 283 | 3396 | 12236 | 1,57,844 | 42,41,938.85 | |
| Bolpur Mech. Division | 415 | 43870 | 2068 | 184486 | 417 | 22,806 | 2052 | 3,03,142 | 2043 | 11,093 | 2027 | 46,195 | 765 | 55,715 | 2069 | 2,855 | 509 | 6108 | 2047 | 26,406 | 7,02,676.91 | |
| Coochbehar Division | 66 | 6977 | 15163 | 1352691 | 0 | 0 | 0 | 0 | 15523 | 84,290 | 10385 | 2,36,674 | 8546 | 6,22,405 | 14677 | 20,254 | 574 | 6888 | 12341 | 1,59,199 | 24,89,378.47 | |
| Balughat Division | 9 | 951 | 10344 | 922788 | 1 | 55 | 7515 | 11,10,191 | 8214 | 44,602 | 7634 | 1,73,979 | 3830 | 2,78,939 | 11224 | 15,489 | 826 | 9912 | 6933 | 89,436 | 26,46,341.87 | |
| Siliguri W/s Division | 0 | 0 | 569 | 50760 | 0 | 0 | 0 | 0 | 178 | 967 | 459 | 10,461 | 459 | 33,429 | 570 | 787 | 16 | 192 | 459 | 5,921 | 1,02,516.31 | |
| Neorakhola W/s Mnt. Division | 0 | 0 | 588 | 52455 | 20 | 1,094 | 0 | 0 | 508 | 2,758 | 589 | 13,423 | 516 | 37,580 | 541 | 747 | 0 | 0 | 20 | 258 | 1,08,315.89 | |
| Hooghly Division | 1663 | 175796 | 19506 | 1740130 | 4 | 219 | 0 | 0 | 12984 | 70,503 | 8187 | 1,86,582 | 4147 | 3,02,026 | 19150 | 26,427 | 710 | 8520 | 17154 | 2,21,287 | 27,31,489.21 | |
| Howrah Division | 2095 | 221462 | 7863 | 701458 | 0 | 0 | 0 | 0 | 6365 | 34,562 | 6626 | 1,51,007 | 5014 | 3,65,170 | 6805 | 9,391 | 246 | 2952 | 759 | 9,791 | 14,95,792.79 | |
| Jalpaiguri Division | 0 | 0 | 6782 | 605022 | 0 | 0 | 0 | 0 | 6847 | 37,179 | 5957 | 1,35,760 | 4491 | 3,27,080 | 7954 | 10,977 | 453 | 5436 | 3770 | 48,633 | 11,70,086.51 | |
| Maldah Division | 13646 | 1442519 | 16085 | 1434943 | 45 | 2,461 | 867 | 1,28,082 | 17121 | 92,967 | 15473 | 3,52,630 | 15364 | 11,18,960 | 17199 | 23,735 | 1429 | 17148 | 16752 | 2,16,101 | 48,29,544.71 | |
| Maldah Arsenic Area W/s Division | 1485 | 156979 | 4107 | 366385 | 0 | 0 | 0 | 0 | 1484 | 8,058 | 1485 | 33,843 | 1485 | 1,08,153 | 1499 | 2,069 | 806 | 9672 | 4254 | 54,877 | 7,40,035.86 | |
| Murshidabad Division | 23891 | 2525518 | 20980 | 1871626 | 0 | 0 | 0 | 0 | 28892 | 1,56,884 | 29065 | 6,62,391 | 7160 | 5,21,463 | 29052 | 40,092 | 1665 | 19980 | 23802 | 3,07,046 | 61,04,998.68 | |
| Behrampur Mechanical Division | 1725 | 182350 | 1495 | 133369 | 0 | 0 | 0 | 0 | 1792 | 9,731 | 1792 | 40,840 | 255 | 18,572 | 1773 | 2,447 | 123 | 1476 | 1677 | 21,633 | 4,10,416.63 | |
| Nadia Division | 15120 | 1598335 | 13819 | 1232793 | 0 | 0 | 0 | 0 | 15741 | 85,474 | 15889 | 3,62,110 | 12170 | 8,86,341 | 15617 | 21,551 | 711 | 8532 | 14302 | 1,84,496 | 43,79,632.49 | |
| Barasat Division | 16889 | 1785336 | 16443 | 1466880 | 1900 | 1,03,911 | 0 | 0 | 14217 | 77,198 | 16867 | 3,84,399 | 13679 | 9,96,242 | 16302 | 22,497 | 1514 | 18168 | 10256 | 1,32,302 | 49,86,933.19 | |
| North 24 Parganas W/s Division | 1151 | 121672 | 1240 | 110620 | 0 | 0 | 0 | 0 | 1148 | 6,234 | 334 | 7,612 | 916 | 66,712 | 1154 | 1,593 | 73 | 876 | 43 | 555 | 3,15,873.61 | |
| Medinipur Division | 0 | 0 | 29430 | 2625450 | 3 | 164 | 0 | 0 | 27109 | 1,47,202 | 26476 | 6,03,388 | 25728 | 18,73,770 | 28561 | 39,414 | 732 | 8784 | 20036 | 2,58,464 | 55,56,637.10 | |
| Tamluk Division | 0 | 0 | 38339 | 3420222 | 30061 | 16,44,036 | 0 | 0 | 30958 | 1,68,102 | 35729 | 8,14,264 | 26694 | 19,44,124 | 37209 | 51,348 | 1999 | 23988 | 26008 | 3,35,503 | 84,01,587.77 | |
| Purulia Division | 0 | 0 | 16880 | 1505865 | 444 | 24,282 | 12319 | 18,19,886 | 14852 | 80,646 | 15342 | 3,49,644 | 12892 | 9,38,924 | 18184 | 25,094 | 667 | 8004 | 12074 | 1,55,755 | 49,08,100.45 | |
| Purulia Mech. Division | 0 | 0 | 958 | 85463 | 0 | 0 | 0 | 0 | 963 | 1,42,264 | 964 | 21,970 | 960 | 69,917 | 964 | 1,330 | 176 | 2112 | 963 | 12,423 | 3,40,702.21 | |
| Alipur Division | 3530 | 373156 | 18910 | 1686961 | 3431 | 1,87,641 | 11 | 1,625 | 17344 | 94,178 | 16114 | 3,67,238 | 10127 | 7,37,549 | 19716 | 27,208 | 2354 | 28248 | 10788 | 1,39,165 | 36,42,970.49 | |
| South 24 Parganas W/s Division | 1706 | 180341 | 2853 | 254516 | 778 | 42,549 | 0 | 0 | 2463 | 13,374 | 1802 | 41,068 | 1573 | 1,14,562 | 3757 | 5,185 | 4203 | 50436 | 5206 | 67,157 | 7,69,187.53 | |
| Raiganj Division | 998 | 105499 | 10820 | 965252 | 0 | 0 | 2064 | 3,04,915 | 2969 | 16,122 | 9949 | 2,26,738 | 8806 | 6,41,341 | 10156 | 14,015 | 356 | 4272 | 6965 | 89,849 | 23,68,001.64 | |
| | | | | | | | | | | | | | | | | | | | | | | 7,59,86,249.88 |
| | | | | | | | | | | | | | | | | | | | | | | 37,99,312.49 |
| | | | | | | | | | | | | | | | | | | | | | | 7,97,85,562.37 |
| | | | | | | | | | | | | | | | | | | | | | | 7,97,85,562.00 |

Total

Add: 5 % enhancement of last year testing

Tentative Cost of Chemical

Tentative Cost of Chemical (Round off)