

**Selection of NABL Accredited Lab for Quality Testing of Linen & Water
(Used especially in Dialysis Centers) Samples at Public Health
Institutions**

Name of the District / Health Institution: CDM&PHO, Balangir
(Health & FW Deptt., Govt. of Odisha)

Bid Reference No. CDM&PHO 3404 /2025-26 /dt.09.10.25

Last Date & Time of Receipt of Bid Documents: 27.10.2025 (till 05.00PM)

Date & Time of Opening of Tender: 28.10.2025 at (11.30 AM)

Chief District Medical & Public Health Officer,
BALANGIR

Selection of NABL Accredited Lab for Quality testing of Linen & Water (Used especially in Dialysis Centers) Samples at Public Health Facilities

Background:

NABL accreditation ensures that the testing laboratory adheres to international standards and is competent to perform quality tests. As a move to ensure quality in service delivery at public health facilities, quality testing of linen & water (Used especially in Dialysis Centers) is proposed.

As Lines are being supplied by Private Agencies as part of "Nirmal Scheme", it is essential to check its quality as these are being used for patients in the public health facilities.

Similarly, management of Dialysis Centers is being outsourced. So, the NABL accredited labs can test the water quality used in dialysis centers which is crucial for ensuring patient safety during hemodialysis, as dialysis patients are exposed to large volumes of water.

Tasks: The selected lab will perform following tests & in given frequency as detailed below:

- **Linen**

- Recommended Tests- Tensile Strength, Steam Durability, Microbial Cleanliness and Biocompatibility as detailed out in **Annexure-1**.
- Frequency of Tests
 - The above tests shall be conducted for each batch of new linen supplied for use in public health facilities
 - Routine testing for microbial contamination at intervals of quarterly basis after use
- **Sample size :**
 - **For New Supplies** - Use random Sampling method to collect linen from the stack & give for test, if the supply size is more than 3200 pcs, the sample size is 100 pcs & if the supply size is less than 3200 pcs, the sample size is 63 pcs for new Linens. In case the supply size is 1000 pcs or less, in that case sample size shall be taken as 3% of the supply size.
 - **For Used Linen** - Linen shall be collected from each site of use (at least from DHH, SDH & CHC/UCHC & mostly from critical care units) but limited to 30 pcs in each quarter (irrespective of number of Linens used in the district during that period) & to be given for test on quarterly basis.

- **Water in use at Dialysis Centre** – As per Gol guidelines (Page-37), the water treatment system components are arranged and maintained so that bacterial & chemical contaminant level in the product water does not exceed the standards for hemodialysis water quality. Hence, Quarterly sample shall be sent to the selected lab for testing (Parameters of tests proposed is at **Annexure-2**).



Eligibility:

- It must be a Testing Laboratory.
- It must be NABL-accredited and have complied with ISO/IEC 17025 standards.
- It must have a valid NABL certificate for at least 12 months prior to the date of bid opening.
- It must have branch in Odisha & having valid OGST registration with local contact person's address and telephone no.
- This Lab also shall have experience in performing aforesaid tests (Water, Linen) in the past.
- The said laboratory must have given certificates i.e. 1. ISO 9001-2015 2. ISO15189-2022 3. OHSAS 45001:2015 4. Good Hygiene Practice System 5.GLP (GOODS LABORATORY PRACTICE SYSTEM 6. ISO 14001: 2015 7. ISO 1001: 2018
- It must not be blacklisted either by the tender inviting authority or by any State Govt. or Central Govt. organization, and if so, the lab shall not be **eligible** to participate in the tender for that item during the period of blacklisting.
- In case the Testing Laboratory is registered under MSME Department, Govt., of Odisha, eligibility benefits/ exemptions as deemed fit shall be given following due guidelines.

Other Essential Documents required:

- The bidder shall have to submit **EMD Cost of Rs.50,000/- (Rupees fifty thousand only)** in the shape of Demand Draft from any nationalized/scheduled Bank in favor of "**ZSS MISCELLANEOUS BALANGIR ACCOUNT**" Payable at **BALANGIR** along with the Tender Documents. The EMD will be refunded to unsuccessful bidders after the tender process is completed and the contract is awarded. If the successful bidder fails to fulfill the contract, the EMD shall be forfeited. No interest shall be claimed by the bidder on EMD.
- The bidder shall have to submit Tender Cost of **Rs. 2000/- (Two Thousand only)** in the shape of Demand Draft from any nationalized/scheduled Bank in favor of "**ZSS MISCELLANEOUS BALANGIR ACCOUNT**" Payable at **BALANGIR** along with the Tender Documents. The Tender Cost is Non refundable.
- The rate quoted by the bidder should be inclusive of **all taxes (GST/ET/Freight/insurance etc.)**.

Documents for Submission

The sealed cover should contain the following documents:

- Copy of the **PAN Card**.
- **Photocopy of GST registration certificate and GST Return copy** for the month of April.2025 to June.2025.
- Affidavit of "Not black listed", duly certified by the **Notary Public**.

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- EMD Cost of Rs.50,000/- (Rupees fifty thousand only) in the shape of Demand Draft in favor of "ZSS MISCELLANEOUS BALANGIR ACCOUNT" Payable at BALANGIR.
- Tender Cost of Rs 2000/- (Two Thousand only) in the shape of Demand Draft in favor of "ZSS MISCELLANEOUS BALANGIR ACCOUNT" Payable at BALANGIR
- Documents in support of Local office in Odisha.
- NABL accredited Certificate along with documentary proof of date of registration as required & mentioned in Eligibility Section.
- A performance certificate regarding the testing of linen items and dialysis water in the past for any Organizations.
- All the aforesaid documents should be signed duly by the bidder at the bottom of each page with their **official seal** duly affixed.

Operational Modalities & Timelines:

- The bidders will download the tender from the District Web Site: [https://balangir.odisha.gov.in./](https://balangir.odisha.gov.in/).
- The Sealed tender must be received on or before 27.10.2025 till 05.00 PM. Tender document received after the due date and time will be rejected/returned to the sender unopened. The tender paper must be received through Speed Post/ Regd. Post only. The Sealed tenders will be open on dated 28.10.2025 at 11.30 AM in the presence of Purchase Committee Members and bidders/their authorized representative.
- The CDM&PHO, Balangir shall have no responsibility for any delay / Omission on part of the bidder and reserves the right to reject any or all the tenders without assigning any reason thereof.
- The bidder(s) are to submit their tender/s in separate sealed covered envelopes for Technical Bid and Financial Bid by superscripting Cover 'A' (Technical Bid) and Cover 'B' (Financial Bid) & both the sealed covers should be put into a third outer cover which should be superscripted as " Selection of NABL Accredited Lab for Quality testing of Linen & Water (Used especially in Dialysis Centers) Samples at Public Health Facilities of Balangir district" and Tender Reference No. _____ 2025-26.
- The sealed tenders will be opened by the CDM&PHO, Balangir in the NHM Conference Hall, O/O-CDM&PHO, Balangir on dated 28.10.2025 at 11.30 a.m. The bidder or their duly authorized representatives are allowed to be present during the opening of the tenders if they desire.
- The receiving & opening of Tender may be changed if required by the under Signed, it will be intimated.
- The Tender documents should be typewritten or computerized, failing which the bidders will be ineligible for consideration. No further correction will be allowed.



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- Under no circumstances shall the bidder appoint any subcontractor or sublease the contract. If it is found that the organization has violated these conditions, the contract will be terminated forthwith without any notice and EMD by the organization shall be forfeited.
- The rates quoted against this tender notice shall remain valid up to 24 months after the award of contract. No request for an increase in rates, if any, will be allowed or entertained during this period.
- Violating any terms and conditions of the tender will be liable for blacklisted and the department will disqualify and debarred the firm to participate in any tender of this district for a period of next 03 (three) years from the date of issue of the letter and the EMD (if any) will be forfeited.
- The Authority will not make any advance payment to the organization. The organization will have to carry out the tests on its own and the amount will be paid only after the satisfactory conduction of the tasks and submission of bill in that regards on quarterly basis.
- All the legal disputes are subject to the jurisdiction of Court of District Judge Balangir only.

Testing and Quality Assurance Protocol

- **Laboratory Requirement:**

Testing shall be carried out only by NABL-accredited laboratories, strictly as per the terms and conditions of the tender.

- **Sample Collection Modalities :**

- **For New Supplies of Linens:** The sample for the aforesaid tests shall be collected from the outsourced Agency concerned as per the terms & Conditions mentioned above at district level. In this regard, CDM&PHO concerned shall formally communicate to the outsourced agency to provide samples to the selected NABL accredited lab for the same. The concerned authority as assigned by CDM&PHO shall ensure timely collection and proper sealing of samples in presence of the Hospital Manager or any other person authorized by CDM&PHO. Samples shall be sent in Courier to the NABL-accredited lab selected in accordance with the tender provisions by the District authority.
- **For Used Linens:** The Hospital Manager (in case of DHH) / Jr. Hospital Manager or BPM (in case Other Hospitals) shall collect samples from different wings on a half yearly basis and properly seal the samples in presence of the outsourced Agency concerned. The sealed samples are to be submitted to the outsourced Agency at district level. The Agency in turn shall coordinate with the Hospital Manager / Authorized person at District Level for sending the samples through Courier by the District authority to the NABL-accredited lab selected in accordance with the tender provisions.

DPM or AM QA to coordinate the process at district level and maintained details records of samples collection, date of samples sent to NABL-accredited lab, testing reports and its compliances etc.

- **Testing Parameters:**

Only NABL-accredited laboratories with BIS/IS guidelines.

- **Timeline for Testing:**

The test results must be submitted within 10-15 working days from the date of receipt of the sample. Delays beyond the stipulated period may attract penalties as specified in the tender.

- **Reporting Format:**

A detailed test report, duly signed and certified by the authorized signatory of the NABL-accredited laboratory, must be submitted to the designated authority. The report should clearly mention the batch number, test methods used, results, observations, and compliance status.

- **Non-Compliance and Rejection Protocol:**

In case of any deviation or non-compliance with BIS or other applicable standards, the entire batch shall be liable for rejection. The submitted test report shall be treated as final and binding for such decisions.

- **Confidentiality & Data Integrity:**

The laboratory must ensure the confidentiality of all samples and data. Any alteration, manipulation, or misrepresentation of test results will be treated as a serious violation and may lead to blacklisting or legal action as per tender provisions.

CHECK LIST

(To be submitted in Cover "A" Technical Bid)

Note: The documents has to be arranged serially as per the order mentioned in the Check List
Please put ✓ in the respective box

COVER – A (TECHNICAL BID) DOCUMENTS: SUBMITTED OR NOT

Sl. No.	List of Tender Documents Submitted	Yes	No	Page No.
1	Self-attested Copy of the PAN Card.			
2	Self-attested Photocopy of GST registration certificate and GST Return copy for the month of April.2025 to June.2025			
3	Tender Cost of Rs.2000/- in shape of Demand Draft in favor of "ZSS MISCELLANEOUS BALANGIR ACCOUNT"			
4	Earnest Money Deposit (EMD) of Rs. 50,000/- submitted in the shape of Demand Draft in favor of "ZSS MISCELLANEOUS BALANGIR ACCOUNT"			
5	Self-attested Valid OGST registration with local contact person's address and telephone no			
6	Self-attested a NABL-accredited certificate			
7	Self-attested ISO 9001-2015 2. ISO 15189-2022 3. OHSAS 45001:2015 4. GHP (GOOD HYGIENE PRACTICE) SYSTEM 5.GLP (GOODS LABORATORY PRACTICE SYSTEM 6. ISO 14001: 2015 7. ISO 1001: 2018 certificates			
8	Affidavit in Non-Judicial Stamp Paper with appropriate value that Agency/ Firm/ Clinical Establishment is not blacklisted duly certified by the Notary Public.			
9	Past Performance certificate			
10	Documents from MSME Department, Odisha for exemptions / benefits (if any)			
11	Any Other as detailed out in eligibility Section			

DECLARATION FORM

I / We..... having
My.....
Our.....
.....office at..... do hereby
declare that I/We have carefully read all the terms & conditions of tender of
the..... Odisha for the Testing of Lenin Item like Bed sheet &
Pillow Cover & Dialysis water. The approved rate will remain valid for a period of one year from the date
of approval. I will abide with **all the terms & conditions** set forth in the **Tender Reference**
no.....

I/We do hereby declare I/We have not been de-recognized/black listed by any State Govt./
Union Territory/ Govt. of India / Govt. Organization/Govt. Health Institutions for supply of Not of
Standard Quality (NSQ) items/non-supply.

I/We agree that the Tender Inviting Authority can forfeit the Earnest Money Deposit and or Security
Deposit and blacklist me/us for a period of 5 years if, any information furnished by us proved to be false
at the time of inspection/verification and not complying with the Tender terms & conditions.

Signature of the bidder

Seal

Date

Name & Address of the Firm

Affidavit before Executive

Magistrate / Notary Public.

(To Be Submitted in Cover B – Financial Bid)

Price Schedule

SL. No.	TEST NAME	Rate (₹)	Remarks
1	Linen Quality - Cost of each Report (Quote the rate as found out from Annexure-1)		<ul style="list-style-type: none">• The rate quoted should be inclusive of all taxes (GST/ET/Freight/insurance etc.).• Cost of each report shall be irrespective of no of sample/s tested for finalising the report
2	Water Quality – Cost of each Report (Quote the rate as found out from Annexure-2)		
	Total Cost		
	Average Cost		Total Cost /2 The average cost shall be calculated only to find out L1 Cost for finalisation of Successful Bidder.

Seal:

Date:

Place

Signature of Bidder
Name & Address of the Bidder


CDM & PHO-Cum-DMU
Balangir

Annexure-1

Testing Parameter for linen

Sl. No.	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method/ Standard	Rate (in Rs.)	Testing Parameter
1	Colour fastness to light Colour change	ISO 105-B02		Chemical/ Tensile Strength
2	Pilling resistance	IS 10971 (P-2)		Mechanical/ Tensile Strength
3	PH value	IS 1390		Chemical
4	Seam strength	ISO 13935 (P-1)		Steam Durability
4A	Dry	ISO 13935 (P-1)		Steam Durability
4B	Wet	ISO 13935 (P-1)		Steam Durability
5	Cleanness microbial	ISO 11737		Microbial
6	Particle release	IS 15891 (P-10)		Microbial
7	Bio-compatibility evaluation			Microbiology
7A	Cytotoxicity	ISO 10993 (P-5)		Bio Compatibility
7B	Irritation and skin sensitization	ISO 10993 (P-10)		Bio Compatibility
8	Colour fastness to perspiration (acidity & alkaline)	ISO 105-E04		Chemical
8A	Colour change	ISO 105-E04		Chemical
8B	Staining	ISO 105-E04		Chemical
9	Dimensional stability to washing(percentage length and width)	ISO 6330		Mechanical
10	Colour fastness to washing	ISO 105-C06		Mechanical
10A	Colour change	ISO 105-C06		Chemical
10B	Staining	ISO 105-C06		Chemical
11	Tensile strength	IS 1969 (P-1)		Tensile Strength
	Total Cost:			

Annexure-2

TEST OF WATER			
Sl. No.	Parameter	Test Method	Rate (in Rs)
1	ANTIMONY	ISO 17294-2:2016 US EPA,#200.9	
2	ARSENIC	ISO 17294-2:2016 American Public Health Assn,#3114	
3	BARIUM	ISO 17294-2:2016 American Public Health Assn,#3113	
4	BERLYUM	ISO 17294-2:2016 US EPA,#200.9	
5	CHROMIUM	ISO 17294-2:2016 American Public Health Assn,#3113	
6	MERCURY	American Public Health Assn,#3112	
7	SELENIUM	ISO 17294-2:2016 American Public Health Assn,#3114	
8	SILVER	ISO 17294-2:2016 American Public Health Assn,#3113	
9	THALLIUM	ISO 17294-2:2016 US EPA,200.9	
10	CADMIUM	ISO 17294-2:2016 American Public Health Assn,#3113	
11	Tryptone Glucose Extract Agar	ISO 17646 PART 3	
12	Reasoner's Agar no. 2 (R2A)	ISO 17646 PART 3	
13	Sabouraud or Malt Extract Agara	ISO 17646 PART 3	
14	Tryptic Soy Agar (TSA) b	ISO 17646 PART 3	

CHEMICAL BALANGIRTY TEST

BACTERIOLOGICAL TEST