

म.प्र. राज्य एड्स नियंत्रण समिति, भोपाल (म.प्र.)

द्वितीय तल, तिलहन संघ भवन, 1 अरेरा हिल्स, भोपाल (म.प्र.) पिन- 462011, दूरभाष नं. 0755-2570424, फ़ैक्स नं. 0755-2556619

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भोपाल, दिनांक 24.11.21

GSTIN :- 23AAAAM1910A1DU

Expression of Interest (EOI) for Biological sample transport for HIV-1 Viral load testing under the National AIDS Control Program (NACP)

कार्यालयीन उपयोग हेतु

कार्यालय की सील:

निविदा के उपयोग हेतु

अ.	फर्म का विवरण :-		
1-	फर्म का नाम	:	
2-	फर्म का पूर्ण पता	: शहर.....जिला.....राज्य.....पिन.....
3-	फर्म का दूरभाष, मोबाईल नं.		दूरभाष नं..... मोबाईल नं.....
	फर्म का ईमेल आईडी	:	
4-	फर्म का पंजीयन क्रमांक	:	
5-	PAN No.		
9-	G.S.T. No.	:	
ब.	बैंक खाते की जानकारी	:	
1-	खाताधारक का नाम	:	
2-	बैंक का नाम	:	
3-	शाखा का नाम	:	
4-	आईएफएस कोड	:	
5-	खाता क्र.	:	

वचन-पत्र

मैं श्री.....पुत्र श्री.....पता.....
.....पिन कोड.....दूरभाष/मोबाइल नं.....वचन देता हूँ कि
मेरे द्वारा इस ईओआई में दी गई जानकारी पूर्ण सत्य एवं उचित है। मेरे द्वारा दी गई जानकारी/दस्तावेज
गलत/असत्य पाए जाने पर मेरे विरुद्ध कार्यवाही किए जाने पर मुझे कोई आपत्ति नहीं होगी।

गवाह के हस्ताक्षर

नाम व पूरा पता

हस्ताक्षर निविदाकर्ता

नाम व पूरा पता

Profile of Organization and capability
Format for information related to Expression of Interest

The M.P. State AIDS Control Society, Bhopal (MP) is a registered society under the Societies Registration Act, 1860 which receives fund from Govt. of India under Domestic Budgetary Support for implementation of National AIDS Control Programs (NACP) in the State of MP.

Expression of Interest are invited from eligible service providers for sample transport for HIV-1 Viral load testing under the National AIDS Control Program (NACP) in the state of MP. The service provider services related to biological specimen packaging and transportation from the designated ART center (sample collection site) and their delivery to the testing laboratories as per the client approved linkage plan and timelines.

Objective:

To purchase services for sample transportation of biological samples across the State.. This document defines the technical and operational requirements of packaging and transportation of biological samples i.e. plasma and Dried Blood Spot (DBS) for HIV-1 viral load test under the national program

Eligibility & Assessment Criteria:

- The service provider's capacity of having provisions for temperature and humidity-controlled logistics for plasma and DBS samples.
- The capability of the service provider in terms of supply chain management of materials (consumables and equipment) required for biological specimen packaging and transportation, provision of temperature and humidity-controlled transportation and deployment of competent personnel for carrying out the work.
- The capacity in terms of adequate physical infrastructure, robust processes, air & land connectivity network, appropriate tools to capture and share information on sample movement and a qualified/trained team that is experienced in handling large projects involving vast geographies and scale.
- Years of experience and prior work experience of providing similar services.

Requirements:

The EOI should be sent along with a capability statement including the profile of the organization relevant technical and geographical coverage along with the financial turnover for the last 3 financial years.

A format is shared below for providing the Capability statement. Any EOI with inadequate information, those which do not meet the above criteria, or those received after the closing date will not be short listed.

EOI should be as concise and focused as possible to give evidence of the above requirements including the capability statement and organization profiles.

They should be sent **EOI Proposal in sealed envelope to the Project Director, M.P.State AIDS Control Society, 2nd Floor, Oilfed Building, 1 Arera hills, Bhopal 462011, received not later than 03 p.m. on DATE 14-12-2021**

For Further Information

For further information, interested bidders are requested to visit the SACS website: <https://www.mpsacsb.org> Or Contact the e-mail id: mpsacs@gmail.com **Tele – 0755-2570424**

Format for providing the Capability statement

Profile of Organization and capability: Format for information related to Expression of Interest

Section A: Basic Information

1. Name of the Agency/Supplier:
2. Postal Address:
3. Telephone:
4. Telex Fax Email
5. Legal status: Private () Society () Company () Others (specify)
6. Registration Details: Registered on (Date)
7. Contact person:
8. Designation:

Section B: Organizational Background

9. Assets/Infrastructure of the agency/supplier

Category	Worth in rupees (eg. Land, building)

10 a. Please provide details, regarding the annual budget of your agency/supplier and attach the detailed audited statement for 3 years for NGOs and 1 year for CBO.

Year	Source of Funding	Amount (in Rs.)	List of activities	Activities similar to the TOR/Scope of Work	Geographical area of activities as mentioned in column no. 5
1	2	3	4	5	6

10. b.: Whether blacklisted/debarred by any agency (both government, private or World Bank/ UN bodies) in the past? If yes, provide details in an Affidavit.

10. c.: Whether any staff or board member of your agency is part of any NACO/SACS/TSU staffs currently or in the past. Please provide the above information in the form of an Affidavit.

Section C: Current key activities by the agency

11. Geographical location of Work

12. Please provide basic information on the key projects carried out by your agency since the last three years/one year (as applicable) (5 lines for each subject – attach separately) related to Biological sample transport for HIV-1 Viral load testing.

13. A brief write up on the activities of the agency currently runs (no more than two pages)

Section D: Documents Required

14. Copies of the following documents need to be provided with self-attestation by competent authority of the organisation

- Relevant registration of the agency
- Activity Report/Annual report (last 3years)
- Annual Audit Report last 3years
- Income Tax Return Document: (last 3years)
- Copy of the PAN Card
- Copies of the affidavit as required above
- Identification document of Authorized signatory submitting EoI (Govt. photo ID with address)
- Documents related to minimum financial turn over criteria (one crore)

15. Name of the person who filled this form:

Designation:

Address (with PIN Code):

Email address:

Technical requirements for Operational criteria for Pan-India temperature-controlled logistics

Biological sample transport for HIV-1 Viral load testing under the National AIDS Control Program (NACP)

Operational criteria for Pan-India temperature-controlled logistics

1. Background:

In its pursuit to implement the program effectively, NACO has up-scaled HIV-1 Viral Load testing for routine monitoring of patients on ART across the country. Viral load test provides early and accurate indication of treatment failure and the consequent need to switch to second-line drugs. It also improves the clinical outcomes as second-line ART is initiated earlier and thus reducing the accumulation of drug resistance mutations.

There are around 26687 PLHIVs receiving treatment at 19 ART's centers (**Refer State wise ARTCs - Annexure A**). All patients on ART are monitored through HIV-1 Viral Load testing to assess the response to treatment. Those with higher HIV-1 Viral Load (>1000 Copies/ml) are evaluated for treatment failure in order to consider them for next line of Antiretroviral Treatment.

Currently, MPSACS is implementing routine HIV-1 Viral Load testing through 01 Viral Load Testing Centers in Indore (MP).

HIV-1 VL test using plasma obtained from EDTA tubes is the most preferred sample type. Plasma sample requires strict specimen storage conditions as it is stable for only five days from the time of sample collection, at 2-8 °C. The plasma sample should be transported to the testing laboratory within a stipulated time. In situations where cold-chain availability between health facilities and testing sites is not feasible, like difficult terrains and far flung-areas which create barriers to VL services, DBS (Dried Blood Spot) specimen may be collected which is stable for 12 weeks at ambient temperature and controlled humidity conditions.

2. Scope of Services:

The scope of work includes biological specimen packaging and transportation from the designated ART center (sample collection site) and their delivery to the testing laboratories as per the client approved linkage plan and timelines. The service provider should have provisions for temperature and humidity-controlled Pan-India logistics for plasma and DBS samples. (**Refer Annexure B**).

The responsibilities of the service provider extend from supply chain management of materials (consumables and equipment) required for biological specimen packaging and transportation, provision of temperature and humidity-controlled transportation and deployment of competent personnel for carrying out the work.

The service provider must have adequate physical infrastructure, robust processes, air & land connectivity network, appropriate tools to capture and share information on sample movement and a qualified/trained team that is experienced in handling large projects involving vast geographies and scale.

3. Operational Requirements for shipment of biological samples for HIV-1 VL test

- a. The sample handling as per temperature and humidity requirements should be compliant with the National HIV-1 Viral Load guidelines
- b. **Material to be transported:** Biological sample (Plasma & DBS)
- c. **Category of material:** Biological substance Category B-UN3373
- d. **Duration of sample transportation:**
 - i. Plasma: delivery of samples to the testing lab at the earliest however not later than 5 days of sample collection
 - ii. DBS: delivery of samples to the testing lab at the earliest, however not later than 10 days of sample collection maintaining the requirements for humidity control
- e. **Temperature maintenance during sample transportation:**
 - i. Plasma: cold chain transport (2-8 °C)
 - ii. DBS: ambient temperature and controlled humidity
- f. **Packaging requirement:** The Service Provider should adhere to the national HIV-1 VL guidelines (Refer: NACO website) and applicable national and international guidelines such as Triple layer, UN-3373 packaging for infectious agent and WHO guidelines for safe transportation of material.
- g. **Sample pick up site:** Sample collection sites identified by the client, refer **Annexure A**.
- h. **Sample delivery site:** 01 Viral Load Testing Centers in Indore (MP).
- i. **Sample referral and linkage patterns:** the client has defined the linkage patterns of sample collection sites with the viral load labs and frequency of pick up, refer **Annexure C**
- j. **Frequency of sample pick up:** As defined in the **Annexure B**
- k. **The temperature data logger** should be of the temperature range -10°C to 40°C and USFDA / CE and BIS approved. The service provider is required to provide technical specifications (and approval status as above) of temperature data loggers to be used during transportation of samples.
- l. All consumables and equipment required for specimen packaging and transportation should be provided by the Service Provider.

- m. The safe storage of all the consumables (including the personal protective equipment) and equipment required for above activities is the responsibility of the service provider.
- n. The management of all Bio Medical Waste generated during this activity, in compliance to the biomedical waste management rules 2016, is the responsibility of the service provider.

4. Technical Requirements for shipment of biological samples for HIV-1 VL test

- a. The Service Provider should have adequate experience and expertise to carry out packaging and transportation of plasma and DBS samples.
- b. The Service Provider should engage qualified, trained and competent staff for sample packaging and transportation
- c. The concerned nodal person of the sample collection site must be intimated through email/SMS before pickup person reaches sample collection site for pickup. The samples should not be delivered during non-working hours, weekends or on holidays unless prior arrangement with the receiving laboratory has been made.
- d. The service provider must have all necessary licenses and approvals for the work undertaken
- e. The service provider should have SOP for environment-friendly disposal mechanism of used packaging boxes & other materials used in logistics, adhering to the local/State guidelines and laws
- f. An online system of specimen tracking must be made available

A. Packaging of plasma samples

- a. Use validated Transport boxes to maintain 2-8-degree C during the duration of shipment.
- b. It is desirable that the service provider has a network of multiple cold-rooms and freezers, for conditioning and decontamination of gel-packs, box preparation and for Gel-pack replenishment. The Gel-packs to be appropriately conditioned and decontaminated before usage.

B. Transport of Plasma samples

- a. The samples should be transported in temperature ranges between 2- 8 °C within five days of collection.
- b. The documentation required for sample transportation is the responsibility of the service provider. A copy of documentation should also be provided to the in-charge of the sample collection site for record.
- c. The data logger/temperature indicators should be provided in each transportation box for temperature monitoring during sample transportation.
- d. In-transit status and key milestones shall be updated and made available by the Service Provider, on the real-time basis.
- e. Service Provider shall have Pan-India logistic network connectivity.
- f. Service Provider shall ensure delivery of temperature-controlled shipments within five days of sample collection.
- g. At the time of the delivery of the samples to the lab, the record of data logger/temperature indicator should be accessible to the lab and at the national level.
- h. If there is change in the approved linkage plan due to reasons such as non-functional lab, etc., a revised connectivity plan will be provided by the client on need basis.
- i. The samples should not be packaged and transported or delivered during non-working hours, weekends or on holidays unless prior arrangement with the receiving laboratory has been made.
- j. The Service provider is responsible for end to end monitoring of temperature during sample transportation.

C. Packaging for DBS specimens

- a. The zip-lock bag containing the DBS cards from the sample collection site should be packed inside a water proof padded envelope.
- b. Place the Test Requisition form (TRF), and the completed sample transportation log in the envelope.
- c. Label the envelope with VL lab address and sender's address with contact details.
- d. Seal the envelope and label envelop with Biohazard label.

D. Transport of DBS specimen

- a. The envelope containing the DBS cards should be transported to the linked viral load lab at ambient temperature and humidity-controlled conditions (with humidity indicator and desiccant).
- b. The consignment should reach the VL lab not later than ten days of sample collection.

5. Monitoring and evaluation

The Service Provider will submit a monthly report on the following performance indicators:

- a. Number of samples packaged and transported per month. Cumulative and facility wise disaggregated data for DBS and plasma sample
- b. Number of shipments per month. Cumulative and facility wise disaggregated data for DBS and plasma
- c. Average Turnaround Time from sample packaging and transportation to delivery at VL lab: Cumulative and facility wise disaggregated data for DBS and plasma
- d. Number of shipments that missed the Turnaround Time. Cumulative and facility wise disaggregated data for DBS and plasma
- e. Number of shipments not meeting the temperature requirements during plasma transportation. Cumulative and facility wise disaggregated data

The service provider must periodically monitor (internal audit) all the activities. This should be at least once in a year but at the start of operations more frequent internal audits must be done. The internal audit report with CAPA should be made available to the client on request. The client will have a system of scheduled and unannounced facility visits to check and verify the compliance to the requirements of the contract.

6. List of Annexures

1. Annexure A: List of sample collection sites with PLHIV Load
2. Annexure B: Linkage plan of sample collection sites with the VL lab, sample type and frequency of sample pick-up

Annexure A and B need to be provided by state as per their list of ARTCs, and linkages plan


Project Director
M.P. State AIDS Control Society
Bhopal

S.No.	ARTC name	Linked VL lab	Public Health VL labs (PHL)								
			No of eligible PLHIV for VL test	Current Number of Eligible PLHIV for VL test	Total no. of runs to be conducted	Total runs per month	No.of Kms from VL lab to ARTC	Days of sample transportation to VL lab from ARTC	No of days of sample pick up per week	No of samples to be picked up per visit	No of samples tested per month
1	Bhopal	Indore	3809	1696	522	500 - 600	193	Monday, Wednesday	2	70 - 80	320
2	Barwani	Indore	928	426		80	155	wednesday	1	20	80
3	Balaghat	Indore	676	366		30	578	Thursday	1	10	30
4	Burhanpur	Indore	973	350		80	182	Monday	1	20	80
5	Dewas	Indore	77	68	0	5	41	Wed & Sat	2	5	20
6	Dhar	Indore	730	376		20	65	Wed & Sat	2	20	80
7	Gwalior	Indore	1800	385	385	100	508	Tuesday	1	20	80
8	Indore	Indore	2000	615		250	0	all days except sunday	all days except sunday	10	250
9	Jabalpur	Indore	3100	600		200-300	513	Tuesday	1	40-45	200-300
10	Khandwa	Indore	721	226		51	131	MONDAY	1	15	51
11	Khargone	Indore	534	513		60	126	wednesday	1	15	60
12	Mandsaur	Indore	1527	337		120	227	friday	1	30	120
13	Neemuch	Indore	931	442	-	60	281	friday	1	15	60
14	Ratlam	Indore	1065	380		60	141	Thursday	1	15	60
15	Rewa	Indore	2489	1289		400	674	Mon & Wed	2	50	345
16	Sagar	Indore	1087	1000		60	358	Thursday	1	18	60
17	Seoni	Indore	1224	409	96	96	490	Tuesday	1	18	96
18	Shivpuri	Indore	1146	320		60	390	WEDNESDAY	1	15	60
19	Ujjain	Indore	1870	420		20	55	Wed & Sat	2	20	80

Annexure-A

S. No.	Name of the Centre	Address of the Centre	District
1	ART Centre	Nodal Officer, ART Centre, Above Ayush Vibhag, District Hospital, Balaghat	Balaghat
2	ART Centre	Nodal Officer, ART Centre, District Hospital, Barwani	Barwani
3	ART Centre	1st Floor, Medicine Department, Hamidia Hospital, Bhopal	Bhopal
4	ART Centre	Nodal Officer, ART Centre, Nehru Hospital C.K. Green, Bahadarpura Road Mohammadpura, Burhanpur-450331	Burhanpur
5	ART Centre	Nodal Officer, ART Centre, District Hospital, Dhar	Dhar
6	ART Centre	Madhav Dispensary Gajraraja Medical Collage, Gwalior (MP)	Gwalior
7	ART Centre	ART Centre 1st Floor New OPD Building, In Front of Medicine Department, M.G.M. Medical College, M.Y. Hospital	Indore
8	ART Centre	N.S.C.B. Medical College, Nagpur Road, Jabalpur.	Jabalpur
9	ART Centre	District Hospital, Khandwa (MP)	Khandwa
10	ART Centre	Nodal Officer, ART Centre, District Hospital, Khargone	Khargone
11	ART Centre	District Hospital, Near TB Hospital, Mandsaur	Mandsour
12	ART Centre	Nodal Officer, ART Centre, District Hospital, Neemuch	Neemuch
13	ART Centre	Nodal Officer, ART Centre, District Hospital, Ratlam	Ratlam
14	ART Centre	Sham Shah Medical Collage, Sanjay Gandhi Memorial Hospital, Rewa (MP)	Rewa
15	ART Centre	Medicini Dept & Nodal Officer, ART Medicine OPD, Bundelkhand Medical College, Sagar - 470 002	Sagar
16	ART Centre	Indiragandhi District Hospital, Seoni	Seoni
17	ART Centre	Nodal Officer, ART Centre, Old Building, District Hospital, Shivpuri	Shivpuri
18	ART Centre	Medicine Deptt R.D. Gardi Medical College, Agar Road, Surasa, District - Ujjain	Ujjain
19	ART Centre	District Hospital, Dewas	Dewas