

प्रेषक,

मिशन निदेशक,  
राष्ट्रीय स्वास्थ्य मिशन, उ0प्र0  
19-ए, विधान सभा मार्ग, लखनऊ।

सेवा में,

मुख्य चिकित्सा अधिकारी  
लखनऊ।

पत्र संख्या: एस.पी.एम.यू./आर.बी.एस.के./16-1/2014-15/6350

दिनांक: 31.03.2015

विषय:-राष्ट्रीय बाल स्वास्थ्य कार्यक्रम के अन्तर्गत एस.जी.पी.जी.आई. लखनऊ के प्रस्ताव-न्यू बॉर्न स्कीनिंग- इनबॉर्न एरर ऑफ मेटाबालिज़्म के संचालन हेतु धनराशि की अवमुक्ति एवं दिशा निर्देश के संबंध में।

महोदय,

सूचित करना है कि राष्ट्रीय बाल स्वास्थ्य कार्यक्रम के अन्तर्गत संजय गांधी स्नातकोत्तर आयुर्विज्ञान संस्थान लखनऊ द्वारा प्रेषित प्रस्ताव, न्यूबॉर्न स्कीनिंग फॉर एरर ऑफ मेटाबालिज़्म भारत सरकार द्वारा आर.ओ.पी. के एफ.एम.आर कोड ए.5.1.5 पर कतिपय शर्तों (संलग्न) के साथ रु0 125.49 लाख हेतु स्वीकृत कर दिया गया है।

आप अवगत हैं कि राष्ट्रीय स्वास्थ्य मिशन के अन्तर्गत समस्त धनराशियां राज्य स्वास्थ्य सोसाइटी से जिला स्वास्थ्य सोसाइटी के खाते में स्थानान्तरित किये जाने का ही प्राविधान है, अतः यह धनराशि भी जिला स्वास्थ्य सोसाइटी लखनऊ के खाते में स्थानान्तरित की जा रही है। आपसे अनुरोध है कि भारत सरकार द्वारा इस प्रस्ताव हेतु निर्धारित की गई शर्तों का पालन निदेशक एस.जी.पी.जी.आई के माध्यम से सुनिश्चित कराते हुए इस जनहितकारी योजना के संचालन में पूर्ण सहयोग प्रदान करने का कष्ट करें।

निदेशक संजय गांधी स्नातकोत्तर आयुर्विज्ञान संस्थान लखनऊ द्वारा उक्त धनराशि निम्न खाते में अवमुक्त किये जाने का अनुरोध किया गया है:-

Account name of holder	: Director, SGPGIMS, Lucknow
Account Number	: 10095237355
IFSC Code	: SBI N0007789

आपसे अनुरोध है कि भारत सरकार द्वारा जारी वित्तीय नियमों का पालन करते हुए इस गतिविधि हेतु स्वीकृत धनराशि रु0 125.49 लाख जिला स्वास्थ्य सोसाइटी लखनऊ के खाते से निदेशक एस.जी.पी.जी.आई. के उपरोक्त खाते में स्थानान्तरित करने का कष्ट करें तथा प्रोजेक्ट का नियमित अनुश्रवण अपने स्तर से भी करते हुए एस.ओ.ई. एस.पी.एम.यू. के वित्त अनुभाग को ससमय उपलब्ध कराने का कष्ट करें।

संलग्नक- 1.भारत सरकार द्वारा दिया गया अनुमोदन  
2.एस.जी.पी.आई. का बजट सहित प्रस्ताव

भवदीय

9/3/15  
(अमित कुमार घोष)  
मिशन निदेशक

पृष्ठांकन: एस.पी.एम.यू./आर.बी.एस.के./16-1/2014-15/

तददिनांक

प्रतिलिपि- निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु।

1. प्रमुख सचिव चिकित्सा स्वास्थ्य एवं परिवार कल्याण, उ०प्र०।
2. निदेशक, संजय गांधी स्नातकोत्तर आयुर्विज्ञान संस्थान लखनऊ।
3. महानिदेशक चिकित्सा एवं स्वास्थ्य उ०प्र०, स्वास्थ्य भवन लखनऊ को उक्त प्रोजेक्ट में सहयोग प्रदान करने हेतु।
4. महानिदेशक, परिवार कल्याण महानिदेशालय उ०प्र० को इस आशय से कि वे उक्त प्रोजेक्ट के संचालन में पूर्ण सहयोग प्रदान करें, इसका नियमित अनुश्रवण सुनिश्चित करें तथा समय-समय पर अपनी रिपोर्ट अधोहस्ताक्षरी को उपलब्ध करायें।
5. डा. शुभा फड़के, (एम.डी, डी.एम.) विभागाध्यक्ष, मेडिकल जेनेटिक्स एस.जी.पी.जी.आई लखनऊ को इस आशय से कि वे भारत सरकार द्वारा निर्धारित शर्तों का पालन करते हुए प्रोजेक्ट का संचालन करें तथा संचालन में आवश्यकतानुसार महानिदेशक चिकित्सा एवं स्वास्थ्य तथा महानिदेशक परिवार कल्याण से सहयोग प्राप्त करें।
6. वित्त नियंत्रक, एन.एच.एम. एस.पी.एम.यू. लखनऊ को इस अनुरोध के साथ कि वे संबंधित धनराशि जिला स्वास्थ्य सोसाइटी के खाते में एफ.एम.आर कोड ए.5.1.5 पर नियमानुसार अवमुक्त करने का कष्ट करें तथा उक्त प्रोजेक्ट हेतु समय-समय पर उपयोगिता प्रमाण पत्र भी प्राप्त करने का कष्ट करें।

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(अमित कुमार घोष)  
मिशन निदेशक

**Administrative Approval of  
Second Supplementary PIP  
2014-15:Uttar Pradesh**

F.No.10 (20)/2014 -NRHM-1  
Government of India  
Ministry of Health & Family Welfare  
(National Health Mission)

Nirman Bhavan, New Delhi  
Dated 3<sup>rd</sup> March, 2015

To,  
Mission Director  
National Rural Health Mission  
Om Kailash tower 19-A  
Vidhan Sabha marg  
Lucknow-226001

**Subject: Second Supplementary Programme Implementation Plan – regarding.**

Sir,

Please refer to your second Supplementary PIP 2014-15 received in the Ministry on 6.1.2015 on the PIP Process ID. An approval of Rs. 124.31 crores is hereby conveyed against the supplementary PIP. The activity wise details are at Annexure.

2. With the issue of and subsequent supplementary RoPs, the summary of approvals till date is as follows:

	Rs. In crore
Total Resource Envelope	3995.66
Additional Approval prior to issue of RoP	5.35
Total Approval in the Main RoP FY 2014-15 after corrigendum dated 19.1.2015	3500.29
Approval under NUHM	154.39
Total Approvals including Additional Approval prior to issue of RoP + Main RoP+ NUHM RoP+First Supplementary RoP+ NMHP RoP	3689.33 (5.35+3500.29+154.39+21.50+7.80)
Approvals in draft second supplementary RoP	124.31
Total approvals after considering draft supplementary RoP	3813.64



3. All conditionalities outlined in the main RoP/ Administrative approval for 2014-15 are applicable to supplementary approvals for 2014-15 unless stated otherwise.

Yours faithfully,

  
Limatula Yaden

Director (NHM)

31/3/2015

Copy to:

JS (P)/JS (RCH)/JS (PH)/JS (Procurement)

All Programme Division Heads of NRHM/RCH/Disease Control Programs

Director Finance (NRHM)

Director (PP)

DD NRHM II

IFD

PPS to Secretary (H&FW)/PPS to AS&MD, NRHM

Principal Secretary, Medical, Health & Family Welfare, Government of Uttar Pradesh

FMR	Budget Head	Quantity / Target	Amount Proposed (Rs. lakhs)	Amount Approved (Rs. lakhs)	Remarks
A.5.1.5	New born screening- Inborn error of metabolism (please give details per unit cost of screening, number of children to be screened and the delivery points Add details)	1	142.23	125.49	<p>Approved Rs. 125.49 lakhs as per the following details:</p> <p>a) Equipment for newborn screening- Rs. 25 lakhs</p> <p>b) Deep Freeze [-80 degree C Computer &amp; printer, Refrigerator, Incubator, Micro and multi-pipette sets- Rs.10 lakhs</p> <p>c) Software development for data management-0.50 lakhs</p> <p>d) Kit-Rs. 60 lakhs for the entire first year</p> <p>e) Sample collection kit-Re. 1.5 lakh for the entire first year</p> <p>f) Plastic ware, gloves, disposables, common chemicals, consumables for confirmatory tests- Rs.1.5 for the entire first year</p> <p>g) Printing (brochures, cards, posters, etc)- Rs.3 lakh for the entire first year</p> <p>i) Stationary, miscellaneous-Rs.2 lakh for the entire first year</p> <p>j) travel-Rs.3 lakhs for the entire first year</p> <p><b>Manpower</b></p> <p>k)Rs. 1 lakh for Supervisory officer @ Rs. 50000 per month for 2 months</p> <p>l) Rs.1 lakh for 2 Program Managers @ Rs. 25000 per month for 2 months</p> <p>m) Rs.0.23 lakh for 1 Data entry operator @ Rs. 11500 per month for 2 months</p> <p>n) Rs. 0.786 lakh for 3 technicians @ Rs. 13100 per month for 2 months.</p> <p>o) Field workers/ medical social workers not approved.</p> <p>p) Rs. 10 lakhs for Awareness</p>



FMR	Budget Head	Quantity / Target	Amount Proposed (Rs. lakhs)	Amount Approved (Rs. lakhs)	Remarks
					<p>programs, training programs, multimedia based awareness advertisements, etc.</p> <p>q) Rs.5.97 lakhs approved as 5% overhead cost.</p> <p>The approval is granted with the following conditions:</p> <p>a) The Inborn Error of Metabolism tests to be offered universally to all newborn born in the hospitals included in the proposal as in the PIP of State for FY 2014-15</p> <p>b) Sanjay Gandhi Post Graduate Institute already has an existing facility with proper instruments to conduct the tests. However with the increased load for test it was decided that additionally a open ended ELISA based machine may be procured for both comparison of tests and in conformity of use of the machine. Procurement to follow State norms of procurement.</p> <p>c) The Number of tests may be as per the proposal.</p> <p>d) The institute to be responsible for follow-up of the children found affected with the inborn error of metabolism conditions and Ensuring ready availability of management/ treatment for such children for</p> <p>a. Evaluation of sensory development especially hearing and vision for which the affected children are known to suffer</p> <p>b. Evaluation of cognition through standard tools</p> <p>c. Regular anthropometry</p>



FMR	Budget Head	Quantity / Target	Amount Proposed (Rs. lakhs)	Amount Approved (Rs. lakhs)	Remarks
					e) Management and evaluation protocol to be developed for the above conditions and shared with the National RBSK unit for larger replication in the country f) Data emerging from the IEM to be included in the monthly reporting format separately.
A.5.1.6	Booklet for ASHAs for Identification of Birth Defects	180,000	36.00	36.00	Rs 36 lakhs is approved for printing of 1.8 lakhs booklets for ASHAS - one per ASHA and one at SC Total 1.8 lakhs @ Rs 20 per copy. State to Share the material developed with National RBSK unit for technical approval.
A.7	PNDT Activities		185.99	0	
A.7.1	Support to PNDT cell	93	167.64	0	Since only two months are left in this financial year it is Approved that the State may propose it in the next PIP 2015-16
A.7.2.6	District Level Sensitization Workshops	75	10.35	0	Since only two months are left in this financial year it is recommended that the State may propose it in the next PIP 2015-16
A.7.2.8	Up-gradation and Maintenance of PC-PNDT Website	1	3.00	0	
A.7.2.9	Capacity building of DGCs/CJMs/District officers etc	1	5.00	0	
A.8	Human Resources		392.90	78.86	
A.8.1	Contractual Staff & Services				
A.8.1.2.1	Laboratory Technicians				
A.8.1.2.	DH				Approved for balance amount







Phones: (0522) 2668004-008, 700, 800, 900

Fax : (0522) 2668017, 2668129

संजय गाँधी स्नातकोत्तर आयुर्विज्ञान संस्थान, लखनऊ  
Sanjay Gandhi Postgraduate Institute of Medical Sciences

Raebareli Road, Lucknow-226 014 (India)

No. 9100 /PGI/DIR/GENETICS/2015  
Dated : 27<sup>th</sup> March, 2015  
30

To,

Mission Director,  
National Rural Health Mission,  
Om Kailash Tower 19 A  
Vidhan Sabha Marg,  
Lucknow -226 001.

**Subject: Sanctioned budget for the proposal for 'Newborn Screening: A Preventive Child Health Care Initiative in Uttar Pradesh'**

Dear Sir,

I am happy to know that Ministry of Health and Family Welfare has approved the budget of Rs.125.49 lacs for the proposal for 'Newborn Screening: A Preventive Child Health Care Initiative in Uttar Pradesh'.

I request to release the grant and transfer the amount to the following bank account of SGPGIMS, Lucknow

Account name of holder : Director, SGPGIMS, Lucknow  
Account number : 10095237355  
IFSC Code : SBI N0007789

The break up of the approved budget is enclosed. Kindly let me know if any other information or formalities are needed.

Yours faithfully,

  
(Prof. Rakesh Kapoor)  
DIRECTOR

Copy to :

Dr. Shubha Phadke, Prof. & Head, Department of Medical Genetics, SGPGIMS,  
Lucknow.

## **Newborn Screening: A Preventive Child Health Care Initiative in Uttar Pradesh**

**Proposed by Sanjay Gandhi Postgraduate Institute of Medical Sciences**

Dr Shubha Phadke, Professor & Head, Department of Medical Genetics

Dr Vijayalakshmi Bhatia, Professor, Department of Endocrinology

Introduction: Preventive programs play a major role in public health and are cost effective in terms of money, resources and quality of life. Newborn screening for treatable disorders in which early diagnosis and initiation of treatment before the onset of symptoms is an effective way of preventive disability and infant deaths for a number of disorders.

### **Plan and Methodology**

Newborn screening program is a system involving peripheral hospitals providing obstetric care, providing information, counseling, sample collection, transport samples, laboratory testing in timely manner, communication of results, tracking cases with screen positive results, confirmatory test, initiation of treatment, follow up and audit. The disorders included in the screening program are **congenital hypothyroidism, biotinidase deficiency, galactosemia, Congenital adrenal hyperplasia and G6PD deficiency.** (ETHICAL GUIDELINES FOR BIOMEDICAL RESEARCH ON HUMAN PARTICIPANTS - [http://icmr.nic.in/ethical\\_guidelines.pdf](http://icmr.nic.in/ethical_guidelines.pdf))

All neonates born in the following hospitals and who are not discharged within first 24 hours will be offered testing. The parents will be provided information about the disorders to be tested and utility of testing during newborn period by the field worker. The samples of neonates whose parents agree for testing will be sampled by heel prick. The numbers expected are about 15000 per year.

1. King Georges Medical University, Lucknow
2. District Women's Hospital, Raibareilly
3. District Women's Hospital, Barabanki
4. Awanti Bai District Hospital, Lucknow
5. Jhalkari Bai Mahila Hospital, Lucknow
6. Ram Manohar Lohia Hospital, Lucknow
7. Rani Laxmi Bai Hospital, Lucknow
8. Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow



Over the period of next two years the district hospitals from other two neighboring districts, namely; Unnao and Sitapur will enrolled and the expected number of neonates tested during second and third year is 20000 per year.

The tests based on assays accepted worldwide for newborn screening will be done within 5 days. The screen positive babies will be re-contacted and retested / re-sampled as per the protocol. The babies with positive results will be managed by the medical experts at Sanjay Gandhi Post graduate Institute of Medical Sciences, Lucknow and followed up in close collaboration with the doctors at the peripheral hospital. The project will be linked to the Mother and Child Tracking System, so that the follow up of all babies can be ensured.

## BUDGET

Total budget for 1<sup>st</sup> year: [Rs. 1,25,48,600-00]

Consumables and transport per child will cost Rs 453-00.

Consumables +manpower per child will cost Rs 824-00

S.No.	Item	Budget (Rs) (Approved budget)
<b>I</b>	<b>Non recurring</b>	
	Equipment for newborn screening	25,00,000-00
	Deep Freeze [-80 degree C Computer & printer, Refrigerator, Incubator, Micro and multipipette sets	10,00,000-00
	Software development for data management	50,000-00
<b>II</b>	<b>Recurring</b>	
	<b>Consumables</b> (for 15000 newborns in first year & 20000 in second & third year)	
	Kits	60,00,000
	Sample collection kit	1,50,000-00
	Plastic ware, gloves, disposables, common chemicals, consumables for confirmatory tests	1,50,000-00
	Printing (brochures, cards, posters, etc)	3,00,000-00



Stationary, miscellaneous	2,00,000-00
<b>Travel</b>	<b>2,40,000-00</b>
<b>Manpower</b>	
Supervisory officer X 1 X 2 months (Rs 50000 per month)	1,00,000-00
Program Managers X 2 X 2 months (Rs 25000 per month)	1,00,000-00
Data entry operator X 1 X 2 months (Rs 11500 per month)	23000-00
Technicians X 3 X 2 months (Rs 13100-00 per month) X 2 months	78600-00
Field / Medical Social workers X 8 X 12 months (Rs 10000 per month)	<b>9,60,000-00</b>
<b>Awareness programs, training programs, multimedia based awareness advertisements, etc</b>	1,00,000-00
<b>TOTAL</b>	<b>1,19,51,600-00</b>
Overhead	5,97,000-00
<b>GRAND TOTAL</b>	<b>1,25,48,600-00</b>

#### Manpower details

S No	Post	Requisite Qualification	Job responsibilities
1	Supervisory officer	M B B S with preferably some administrative experience or Science graduate (Biology) with MBA	Quality control, tracking samples to report & follow up of screen positive cases, preparation of weekly & monthly report, communication with staff of the collaborating hospitals
2	Program Managers	M Sc with 2 years work / laboratory experience. knowledge of computers	Daily supervision of lab work, quality control, data management & follow up of positive cases, preparation of reports & communication with hospital
3	Data entry operator	B CA or B Sc with one year diploma in computers. Two year experience is preferred	Data entry in lab registers & computer with analysis of data, patient report generation
4	Technician	DMLT or B Sc in biology with 2 years experience as a laboratory technician	Patient data entry in registers & lab work, report entry
5	Field worker	M S W or Graduate with 2 year experience in field work related to hospital and patients.	Counseling patients, consent taking, sample collection & transport, communication of reports to hospital staff & patients, helping in awareness program



Dr. S. R. Phadke.

Dr Shubha Phadke

Professor & Head, Department of Medical Genetics

Sanjay Gandhi Postgraduate Institute of Medical Genetics, Lucknow