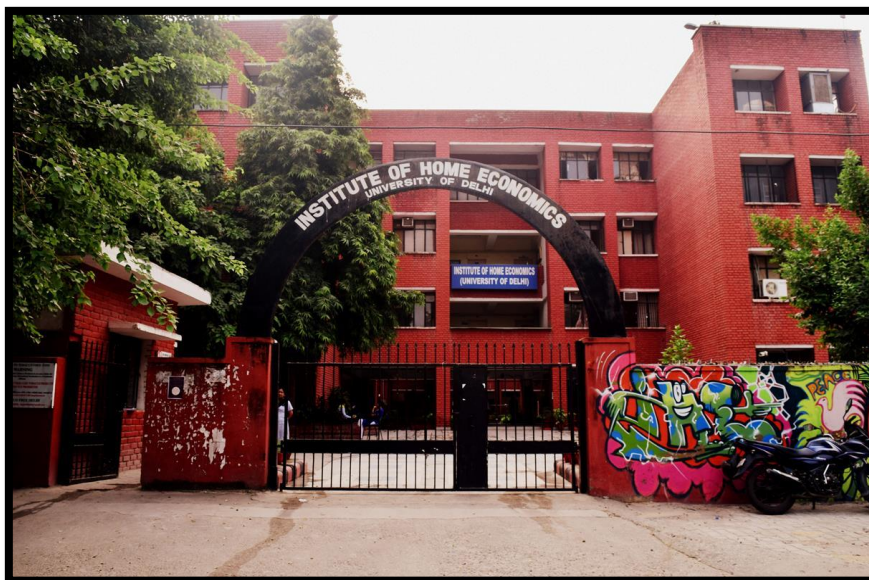


# INSTITUTE OF HOME ECONOMICS

(UNIVERSITY OF DELHI)



## Supporting documents for Criterion 3.1.1

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years



**INSTITUTE OF HOME ECONOMICS**  
(University of Delhi)  
**इंस्टिट्यूट ऑफ होम इकोनॉमिक्स**  
(दिल्ली विश्वविद्यालय)



**NAAC GRADE 'A' ACCREDITED**

Ref. No. ....

**Supporting documents for Criterion 3.1.1**

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Key Indicator	Details	Page No
3.1.1	E copies of the grant award letters for sponsored research projects/endowments	3-76

## **Nutrition Impact Solutions Inc.**

32 Swans Way  
Gloucester, ON K1J 6H9  
Canada  
T: +1 613 747 8502  
M: +1 613 852 4955  
Email: [vmannar@nutritionimpact.org](mailto:vmannar@nutritionimpact.org)

**India Address:**  
18 Lakshmanan Street  
T'Nagar, Chennai 600 017

**M.G. Venkatesh Mannar**  
**President**

May 16, 2016

Dr Seema Puri  
Department of Nutrition  
Institute of Home Economics  
F 4 Hauz Khas Enclave  
New Delhi 110016, India

Dear Dr Puri

### **Re: Consumer Acceptability Study of Iron Fortified Tea**

We are pleased to confirm our acceptance of your proposal to conduct a consumer acceptability study of iron fortified tea developed by us.

#### **Scope of Work**

This study will use a taste panel to determine:

1. If the appearance of the iron fortified tea leaves is acceptable;
2. If the appearance of the tea is acceptable. If not why not, and what could be done
3. If the brewed tea taste is acceptable as is
4. If there is a perceptible difference in flavour and whether this is acceptable/unacceptable
5. What flavour notes should be amplified or suppressed.
6. Is there an effect on flavour and colour for different brewing times

## **Methodology**

Two Kgs of iron fortified tea will be provided to you for conducting the tests. Iron fortified tea will be assessed for taste and acceptability against 2 varieties of commercially available tea leaves. These 2 varieties will be the most commonly purchased tea leaves as determined by a brief survey amongst 3-4 local shops selling tea.

The 2 existing varieties of tea leaves along with the iron fortified tea leaves will be prepared by 3 common methods of making tea prevalent in the region. In one method, the tea leaves will be boiled in the water and milk mixture and sugar added. Secondly, the tea leaves will be steeped in hot water (in a kettle) and milk and sugar served separately. Thirdly, the tea leaves will be brewed in boiling water and served without milk (black tea). These 3 methods would have a further variation in terms of the brewing time. All the 3 methods will be standardised in the lab in terms of duration, temperatures, method, serving crockery, etc. and the same procedure followed for all the 3 varieties of tea. Hence a total of 18 samples will be evaluated by the panel.

A semi trained taste panel will be set up to evaluate the teas. Since it a consumer acceptability trial, a large number of consumers will be also part of the panel. A total of 30-40 members will constitute the panel including at least 10 semi trained persons and persons from different socioeconomic backgrounds, education and occupation profiles. To accommodate these numbers the trials maybe held in 4 sessions of 10 members each.

The panelists will be asked to evaluate the 18 samples on a 7 point Hedonic scale. Blinding of the samples will be done so as to avoid any bias which might creep in. The teas will be evaluated on taste, flavour, acceptability etc.

## **Approvals**

You are responsible for complying with and obtaining the requisite approvals (including ethical approval) from the appropriate government authorities for the conduct of the study.

## **Deliverables**

The responses received will be compiled and analysed. The results of the study will be presented in a brief report.

## **Time Frame:**

The study will be completed and the report submitted to us on or before 31<sup>st</sup> July 2016.



## Budget

We will pay the Institute of Home Economics a total fee of Rs 2,73,500 (Rupees Two Lakhs Seventy Three Thousand and Five Hundred) towards the cost of the study to meet the budget provided by you:

S No.	Head	Amount ( Rs)
1.	Equipment- kettles, cups, etc.	15,000
2.	Honorarium and salaries <ul style="list-style-type: none"><li>• Research advisor</li><li>• Research Investigators</li><li>• Research Associate @ 30,000 pm</li><li>• Laboratory staff</li><li>• Sensory panel @ Rs1000 per head</li></ul>	15,000 25,000 70,000 7500 40,000
3.	Conduct of trials	50,000
4.	Data analysis and Report writing	5,000
5.	Contingencies @10%	23,000
6.	Institutional Charges @ 10% of total cost	23,000
	Total	2,73,500

The Fee will be paid as follows:

25% on your acceptance of the assignment

75% on submission of the report outlining your observations, analysis and recommendations

We request you to sign and return a copy of this letter as an indication of your acceptance of the terms of this assignment.

Sincerely  
For Nutrition Impact Solutions Inc.



M.G. Venkatesh Mannar  
President

628  
30/08/16



# INDIAN COUNCIL OF MEDICAL RESEARCH

3971

(Ministry of Health & Family Welfare, Govt. of India)

V. Ramalingaswami Bhawan, Ansari Nagar,  
New Delhi-110029

Correspondence at ICMR Campus II

Tuberculosis Association of India, 1<sup>st</sup> Floor, 3 Red Cross Road, New Delhi-110001.

No. 3/1/2/66/2014-15(Nut).

Dated: 19.08.2016

Dr. Geeta Trilok Kumar  
Associate Professor  
Department of Biochemistry  
Institute of Home Economics (University of Delhi)  
F-4, Hauz Khas Enclave  
New Delhi-110016.

Subject: Project entitled, "Prevalence of Vitamin D deficiency and its Correlation with bone Mineral Density in Elderly living in Urban Slum" Payment of fellowship Stipend, HRA and Contingent Expenditure to Mr. Mohammad Muntafa Rajput /SRF.

Sir,

The Director General, ICMR, sanctions the payment of Rs.2,28,400/- ( Rupees two lakh twenty eight thousand and four hundred only) as the 1<sup>st</sup> installment of 1<sup>st</sup> year of the grant for covering the payment of fellowship Stipend, HRA and funds for Contingent expenditure to the Senior Research Fellow from 16.08.2016 to 15.02.2017.

1) Stipend @ Rs.28,000/- p.m. (16.08.16 to 15.02.17) 6 months	Rs. 1,68,000/-
2) HRA @ Rs. 8,400/- p.m. (16.08.16 to 15.02.17) 6 months	Rs. 50,400/-
3) Contingencies @ Rs. 20,000/- pa (16.08.16 to 15.02.17) 6 months	Rs. 10,000/-

Total

Rs. 2,28,400/-

Received in bank  
on 9/9/16

A above amount of Rs. 2,28,400/- will be sent to the Director, Institute of Home Economics (University of Delhi) F-4, Hauz Khas Enclave, New Delhi-110016 through RTGs in Account No. 65043176641 MICR CODE OF BANK No. 110007011 IFSC Code No. STBP0000226 STATE BANK OF PATIALA, Hauz Khas, New Delhi-110016. The grant has been sanctioned on the conditions laid down in our letter of even number dated 18.07.2016.

Yours faithfully,

(Panna Lal)  
Sr. Admn. Officer  
For Director General

Copy to;

1. Accounts Section – V, ICMR
2. Mr. Mohammad Muntafa Rajput/SRF, Department of Biochemistry, Institute of Home Economics (University of Delhi) F-4, Hauz Khas Enclave, New Delhi-110016.
3. IRIS Cell No. 2015-24150.
4. The Director, Institute of Home Economics (University of Delhi) F-4, Hauz Khas Enclave, New Delhi-110016.

For Director General

Accts to note/bk  
29/8/16

1908  
27/02/17

(14)



## INDIAN COUNCIL OF MEDICAL RESEARCH

(Ministry of Health & Family Welfare, Govt. of India)

V. Ramalingaswami Bhawan, Ansari Nagar,

New Delhi-110029

Correspondence at ICMR Campus II

Tuberculosis Association of India, 1<sup>st</sup> Floor, 3 Red Cross Road, New Delhi-110001.

No. 3/1/2/66/2014-15(Nut)

Dated: 22.02.2017

Dr. Geeta Trilok Kumar  
Associate Professor  
Department of Biochemistry  
Institute of Home Economics (University of Delhi)  
F-4, Hauz Khas Enclave  
New Delhi-110016.

Subject: Project entitled, "Prevalence of Vitamin D deficiency and its Correlation with bone Mineral Density in Elderly living in Urban Slum" Payment of fellowship Stipend, HRA and Contingent Expenditure to Mr. Mohammad Muntafa Rajput /SRF.

Sir,

The Director General, ICMR, sanctions the payment of Rs.2,28,400/- ( Rupees two lakh twenty eight thousand and four hundred only) as the 2<sup>nd</sup> installment of 1<sup>st</sup> year of the grant for covering the payment of fellowship Stipend, HRA and funds for Contingent expenditure to the Senior Research Fellow from 16.02.2017 to 15.08.2017.

1) Stipend @ Rs.28,000/- p.m. (16.02.17 to 15.08.17) 6 months	Rs. 1, 68,000/-
2) HRA @ Rs. 8,400/- p.m. (16.02.17 to 15.08.17) 6 months	Rs. 50,400/-
3) Contingencies @ Rs. 20,000/- pa (16.02.17 to 15.08.17) 6 months	Rs. 10,000/-
Total	Rs. 2,28,400/-

A above amount of Rs. 2,28,400/- will be sent to the Director, Institute of Home Economics (University of Delhi) F-4, Hauz Khas Enclave, New Delhi-110016 through RTGs in Account No. 65043176641 MICR CODE OF BANK No. 110007011 IFSC Code No. STBP0000226 STATE BANK OF PATIALA, Hauz Khas, New Delhi-110016. The grant has been sanctioned on the conditions laid down in our letter of even number dated 18.07.2016.

Yours faithfully,

(Panna Lal)  
Sr. Admn.Officer  
For Director General

Copy to;

1. Accounts Section – V, ICMR
2. Mr. Mohammad Muntafa Rajput/SRF, Department of Biochemistry, Institute of Home Economics (University of Delhi) F-4, Hauz Khas Enclave, New Delhi-110016.
3. IRIS Cell No. 2015-24150.
4. The Director, Institute of Home Economics (University of Delhi) F-4, Hauz Khas Enclave, New Delhi-110016.

For Director General

Accts  
27/2/17





# INDIAN COUNCIL OF MEDICAL RESEARCH

(Ministry of Health & Family Welfare, Govt. of India)

V. Ramalingaswami Bhawan, Ansari Nagar,

New Delhi-110029

Correspondence at ICMR Campus II

Tuberculosis Association of India, 1<sup>st</sup> Floor, 3 Red Cross Road, New Delhi-110001

Dated: 30.11.2017

No. 3/1/2/66/2014-15(Nut)

Dr. Geeta Trilok Kumar  
Associate Professor  
Department of Biochemistry  
Institute of Home Economics (University of Delhi)  
F-4, Hauz Khas Enclave  
New Delhi-110016.

Subject: Project entitled, "Prevalence of Vitamin D deficiency and its Correlation with bone Mineral Density in Elderly living in Urban Slum" Payment of fellowship Stipend, HRA and Contingent Expenditure to Mr. Mohammad Muntafa Rajput /SRF.

Sir,

The Director General, ICMR, sanctions the payment of Rs.2,27,745/- ( Rupees two lakh twenty seven thousand seven hundred and forty five only) as the 1<sup>st</sup> installment of 2<sup>nd</sup> year of the grant for covering the payment of fellowship Stipend, HRA and funds for Contingent expenditure to the Senior Research Fellow from 16.08.2017 to 15.02.2018.

1) Stipend @ Rs.28,000/- p.m. (16.08.17 to 15.02.18) 6 months	Rs. 1,68,000/-
2) HRA @ Rs. 8,400/- p.m. (16.08.17 to 15.02.18) 6 months	Rs. 50,400/-
3) Contingencies @ Rs. 20,000/- pa (16.08.17 to 15.02.18) 6 months	Rs. 10,000/-

Total	Rs. 2,28,400/-
Balance available from last grant (-) Rs.	Rs. 655/-

## NET PAYMENT

Rs. 2,27,745/-

An unspent balance of Rs. 655/- available as on 15.08.2017 of 2<sup>nd</sup> year may be adjusted and net amount of Rs. 2,27,745/- will be sent to the Director, Institute of Home Economics (University of Delhi) F-4, Hauz Khas Enclave, New Delhi-110016 through RTGs in Account No. 65043176641 MICR CODE OF BANK No. 110007011 IFSC Code No. STBP0000226 STATE BANK OF PATIALA, Hauz Khas, New Delhi-110016. The grant has been sanctioned on the conditions laid down in our letter of even number dated 18.07.2016.

Yours faithfully,

(Panna Lal)  
Sr. Admn. Officer  
For Director General

Copy to;

1. Accounts Section – V, ICMR
2. Mr. Mohammad Muntafa Rajput /SRF, Department of Biochemistry, Institute of Home Economics (University of Delhi) F-4, Hauz Khas Enclave, New Delhi-110016.
3. IRIS Cell No. 2015-24150.
4. The Director, Institute of Home Economics (University of Delhi) F-4, Hauz Khas Enclave, New Delhi-110016.

For Director General

*Accts to note / file*  
*B*  
*12/12/17*

**Fixed Price Consultancy**  
**CONTRACT AGREEMENT FOR PROFESSIONAL SERVICES**

between

**THE INDIA NUTRITION INITIATIVE (TINI)**  
Registered Office: Flat No. 1152, Sector A, Pocket A, Vasant Kunj  
New Delhi 110070

and

Department of Nutrition, Institute of Home Economics,  
University Of Delhi, F 4, Hauz Khas Enclave  
New Delhi- 110016

Contract No: December 2016/UPDFS/001

Total Cost: RS. 5, 16,000

Effective Date: , December 26, 2016

Completion Date: April 25, 2017

TPO

M. K. Singh

इंस्टीट्यूट ऑफ होम इकोनॉमिक्स  
(दिल्ली विश्वविद्यालय)  
एफ.4, हौज खास एन्क्लेव  
नई दिल्ली - 110016  
फोन: 26532402, 46018108  
टेलीफैक्स: 26510616  
ई.मेल: principal.ihe@gmail.com

NAAC  
GRADE 'A'  
ACCREDITED

FIST-DST AWARDEE

INSTITUTE OF HOME ECONOMICS  
(University of delhi)  
F-4, HAUZ KHAS ENCLAVE  
NEW DELHI-110016  
Phone : 26532402, 46018108  
Telefax : 26510616  
E-mail: principal.ihe@gmail.com

Ref. No. IHE/2018/987...

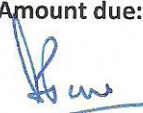
Dated: 28.06.2018

**Expenditure Sheet for Gift Milk - Delhi Project till date 31.03.2018**

Amount Received	Dated	Amount
1st Installment	4.01.2017	1061500
2nd Installment	09.08.2017	530750
<b>Total</b>		<b>1592250</b>

S.No	Head	Amount Approved	Amount Released	Expenditure	Balance
<b>1</b>	<b>Non Recurring</b>				
	Anthropometric Equipment	30000		32744	
	Body Composition Analyser	90000		13440	
<b>2</b>	<b>Recurring</b>				
1	Principal Investigator	180000		180000	
2	Research / Project Associates	1320000		1176798	
4	Statistician	60000		15000	
5	Doctor Charges for Clinical Assessment	50000		-	
6	Conduct of Project (Local Travel, Stationery, printing, photocopy other contingent expenses etc.)	200000		72246	
8	Institutional Charges	193000		193000	
	<b>TOTAL</b>	<b>2123000</b>	<b>1592250</b>	<b>1683228</b>	<b>-90978</b>

Balance Amount due: Rs. 1683228-1592250=Rs. 90978

  
Dr. Seema Puri  
Principal Investigator

  
Dr. Geeta Trilok-Kumar  
Director



**citibank** Paylink® Instrument

Ref No 520107890100001

Pay Institute of Home Economics

The Sum of Rupees One Lakh Sixty Seven Thousand and Two Hundred Only\*\*\*

Account Number 17113119

Payable At Par At All  
CITIBANK N.A. - Delhi

Citibank Branches In India

IFSC CITI00000002

#440853# 0000370001# 201588# 29

भारत सरकार के तहत जारी किया गया है

Date 2 2 0 2 2 0 1 7

Valid for Three months from date of Issue

₹ 167,200.00

For PepsiCo India Holdings Pvt Limited

MAOHURA PRATAP CHIBHALIKAR  
Authorised Signatories

अधपन्ना/Counter Foil दिनांक/Date 07/03/17

स्टेट बैंक ऑफ पटियाला Hauz Khas, N. D. शाखा  
State bank of Patiala (50226) Branch

☐ जमा करने के लिए/For the Credit of  
बचत/आवृत्ति/घातु/ओवर ड्राफ्ट/नकद उधार/कृषि उधार नकद  
SB/RD/CA/OD/CC/ACC

☐ मांग क्रम/मियादी क्रम/कृषि मियादी क्रम DL/TL/ATL

☐ ड्राफ्ट/तार अन्तरण/बैंकर्स चेक/विशेष मियादी  
क्रम/मियादी क्रम/Draft/NEFT/RTGS/TIB.CH/STD/TDR

पलटिए/\*See overleaf

पूरा नाम/Full Name THE Project 4/c

खाता संख्या/Account Number 65043176641

विवरण PARTICULARS	नोट CASH NOTES	संख्या PIECES
1000x	167,200	
500x		
100x		
50x		
20x		
10x		
5x		

Details of Cheques  
Overleaf

सिक्के/Coins  
कुल /Total 167200

हस्ताक्षर के हस्ताक्षर  
Signature of Depositor

अधिकृत हस्ताक्षरकर्ता  
Authorised Signature



47

Revathy Vishwanath  
Assistant Director I/c (RP)  
26716690

**Indian Council of Social Science Research**  
(Ministry of Human Resource Development)  
Aruna Asaf Ali Marg, New Delhi - 110067  
EPABX: 26741849-51 Fax: 91-11-26741836  
[rpr@icssr.org](mailto:rpr@icssr.org)

F.No. 02/411/2016-17/RP

Dated: 30.03.2017

The Director,  
Institute of Home Economics,  
(University of Delhi),  
F-34, Hauz Khas Enclave,  
New Delhi-110016

**Subject: Sanction of Responsive Research Project entitled "An Ethnographic Study of Violence in School Practices to Dr. Jyoti Dalal jointly with Dr. Ruchira Das".**

Dear Sir,

The Indian Council of Social Science Research (ICSSR) considered the above research project submitted by Dr. Jyoti Dalal and Dr. Ruchira Dalal, Assistant Professors, Department of Elementary Education, Institute of Home Economics, University of Delhi, F-34, Hauz Khas Enclave, New Delhi-110016.

2. The Study, as proposed by the researcher/(s), is to be located at and financially administered by your institution as per the guidelines of this award.

3. The ICSSR has sanctioned a grant-in-aid of Rs. 2,00,000/- (Rupees two lakh only) for the above research project and the grant will be released as follows:

First installment:	Rs.	80,000/-
Second installment:	Rs.	80,000/-
Final installment:	Rs.	40,000/-
<b>Total</b>	<b>Rs.</b>	<b>2,00,000/-</b>

\* The break-up budget approved by the ICSSR of Rs. 2.00 Lakh is enclosed.

Revathy

Acad & Res / file  
20/5/17

Cont'd...2/-



nsPIRE

S-235 (1<sup>st</sup> & 2<sup>nd</sup> Fl), Panchsheel Park  
New Delhi 110 017, India  
Tel : +91-11-4900 4800  
Fax : +91-11-4900 4801  
E-mail : inspire@inspirenetwork.org  
Website : www.inspirenetwork.org

**CONTRACT AGREEMENT FOR TECHNICAL OR PROFESSIONAL SERVICES**

between

InsPIRE Network for Environment  
S - 235 (1st & 2nd Fl.), Panchsheel Park  
New Delhi 110 017 India

and

Institute of Home Economics, University of Delhi

Under the

"Preparation of Third National Communication (TNC) and other new information to the UNFCCC" Project: Initiation of studies for the Third National Communication on IVA

Title: Gendered Analysis of Vulnerability and Adaptation strategies to Climate Change in Agriculture

Contract No. : IND0459.05-117/2017-18/INE-1625

Total Contract Value : Rs. 25,92,000/- + S.T

First Installment : Rs. 12,96,000/- + S.T

Effective Date : April, 2017

Completion Date : October, 2018

This Agreement includes:

Agreement document:	Articles 1 through 9
Annexure A:	Terms of Reference
Annexure B:	Proposal (as submitted to MOEFCC)
Annexure C:	Standard Terms of Reference for Audit
Annexure D:	Invoice
Annexure E:	Relevant paragraph of UNFCCC Biennial Update reporting guidelines and extracts from guidelines for National Communications for Parties not included in Annex I to the Convention
Annexure F:	UC Format

**InsPIRE Network for Environment**



S-235 (1<sup>st</sup> & 2<sup>nd</sup> Fl), Panchsheel Park  
New Delhi-110 017, India  
Tel : +91-11-4900 4800  
Fax : +91-11-4900 4801  
E-mail : [inspire@inspirenetwork.org](mailto:inspire@inspirenetwork.org)  
Website : [www.inspirenetwork.org](http://www.inspirenetwork.org)

## CONTRACT AGREEMENT FOR TECHNICAL OR PROFESSIONAL SERVICES

between

nsPIRE Network for Environment  
S - 235 (1st & 2nd Fl.), Panchsheel Park  
New Delhi-110 017 India

and

Institute of Home Economics, University of Delhi

Under the

"Preparation of Third National Communication (TNC) and other new information to the UNFCCC" Project: initiation of studies for the Third National Communication on IVA

Title: Gendered Analysis of Vulnerability and Adaptation strategies to Climate Change in Agriculture

Contract No.	: IND0459-05-107/2017-18/INE-1635
Total Contract Value	: Rs. 35,92,000/- + S.T
First Instalment	: Rs. 12,96,000/- + S.T
Effective Date	: April, 2017
Completion Date	: October, 2018

This Agreement includes:

Agreement document:	Articles 1 through 9
Annexure A:	Terms of Reference
Annexure B:	Proposal (as submitted to MOEFCC)
Annexure C:	Standard Terms of Reference for Audit
Annexure D:	Invoice
Annexure E:	Relevant paragraph of UNFCCC Biennial Update reporting guidelines and extracts from guidelines for National Communications for Parties not included in Annex I to the Convention
Annexure F:	UC Format

*Self Attested*  
*Aggarwal*  
*(SAVITA AGGARWAL)*  
PRINCIPAL INVESTIGATOR  
ASSOCIATE PROF  
DEPT OF DCE  
Institute of Home Economics



**Dr. J.R. Bhatt**  
**Adviser/Scientist'G'**  
**NATIONAL PROJECT DIRECTOR**  
**GoI-GEF-UNDP NATCOM Project**  
**Telefax: 011-24695293**  
**Email:jrbhatt@nic.in**



भारत सरकार  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE  
इंदिरा पर्यावरण भवन, जोर बाग रोड,  
नई दिल्ली-110 003  
INDIRA PARYAVARAN BHAWAN, JOR BAGH ROAD,  
NEW DELHI-110 003  
Website : moef.nic.in

No 26/4/2012-CC/BUR & TNC/Part

Dated: 30<sup>th</sup> November 2019

Dear Dr. Preeti *Soni*,

This refers to the payment to the expert institutions under the aegis of the GEF-GoI-UNDP project titled "Preparation of India's Third National Communication and other New Information to UNFCCC". UNDP is requested to release the payments from the GEF-GoI-UNDP NATCOM project to the following institutions:

SI.No.	Institution (PI)	Study title	Recommended release of Payment (INR)+ GST as applicable
1	Indian Agricultural Research Institute (IARI), New Delhi (Dr. Soora Naresh Kumar)	Regional assessment on climate change impacts, vulnerability and adaptation for agriculture	Rs.8,00,000/- + GST as applicable
2	Indian Institute of Science (IISc), Bengaluru (Dr. R.Sukumar)	Climate Change vulnerability of India's Biodiversity	Rs.4,20,000/- + GST as applicable
3	Institute of Home Economics (IHE) University of Delhi (Dr. Savita Aggarwal)	Mapping the Vulnerability of Women in India to Climate Change at the sub-National Scale	Rs. 2,50,000/- + GST as applicable
4	Indian Institute of Management, Ahmedabad (IIM-A) (Prof. Amit Garg)	Estimating Energy Sector GHG Emissions for unorganized sectors	Rs.5,00,000/- + GST as applicable
5	Indian Institute of Management, Ahmedabad (IIM-A) (Prof. Amit Garg)	Coordination of Energy Sector Inventory for 2011 to 2016	Rs.8,50,000/- + GST as applicable
6	Indian Institute of Management, Ahmedabad (IIM-A) (Prof. Amit Garg)	Mitigation Actions in Infrastructure sector	Rs.15,00,000/- + GST as applicable
7	Central Plantation Crops Research Institute, (CPCRI) Kerela (Dr. K.B Hebbar)	Impact of climate change on coconut, areca nut and cocoa and adaptation strategies (IVA: Rubber, BlackPepper and Cardamom)	Rs.8,27,000/- + GST as applicable

*30.11.2019*  
*30.11.19*

*Surp.*  
*Soni*



SI.No.	Institution (PI)	Study title	Recommended release of Payment (INR)+ GST as applicable
8	Indian Institute of Science (IISc), Bengaluru (Prof.N.H Ravindranath)	Historical Climate Trends and Climate Change Projections at District level for states in India	Rs.19,18,000/- + GST as applicable
9	Indian Institute of Soil Science (IISS), Bhopal (Dr.Sangeeta Lenka)	Vulnerability and Impact Assessment of Climate Change on Soil and Crop Production of M.P	Rs.2,00,000/- + GST as applicable
10	Indian Institute of Horticultural Research (IIHR), Bengaluru (Dr.Laxman R.H)	Impact of Climate Change on Onion and Tomato and adaptation strategies	Rs.1,50,000/- + GST as applicable
11	Integrated Research and Action for Development (IRADe), New Delhi (Dr. Jyoti Parikh)	Developing urban climate change vulnerability index and assess the vulnerability of five selected cities using the vulnerability index	Rs.6,00,000/- + GST as applicable
12	Indian Institute of Science (IISc), Bengaluru (Prof.N.H Ravindranath)	BUR-2, BUR-3 and Third National Communication: GHG inventory for LULUCF sector	Rs.18,17,000/- + GST as applicable
<b>Total (In words) (Ninety-eight Lakhs Thirty-Two Thousand Only)</b>			<b>Rs.98,32,000/- + GST as applicable</b>

2. The aforementioned payments are towards additional budget being disbursed to the institutions for smooth running of the studies *and with a view to taking them to a logical fruitful end.*

3. Upon release of the payment, UNDP is requested to furnish the payment details directly to the Principal Investigator (PI) with copy to Shri Naveen Chander, Account Assistant, NATCOM Project.

Hope this receives your expeditious kind attention.

*Regards.*

Yours Sincerely,

*Jaiwardhan R Bhatt*  
Dr. J.R Bhatt

Dr.Preeti Soni,  
Chief,Climate Change, Resilience and Energy  
United Nations Development Programme,  
55, Lodhi Estate,New Delhi-110003

*Copy*  
*30.11.19*

*30/11/19*

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**No. BT/HRD/11/021/2017**  
Government of India  
Ministry of Science & Technology  
Department of Biotechnology

Block 2, 6-8th Floor  
CGO Complex, Lodi Road  
New Delhi - 110003  
Dated: 22/05/2017

**ORDER**

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Power Rules, 1978 for the financial support for strengthening of Life Science and Biotechnology Education and Training at undergraduate level under Star College Scheme to **Institute of Home Economics, Hauz Khas Enclave, New Delhi - 110016 (Delhi)** at a total project cost of ₹ 47.00 lakhs (Rupees forty seven lakhs only) for three years as per budget details are given below:-

Head	Amount (₹ In lakhs)			
	1 <sup>st</sup> Year rel	2 <sup>nd</sup> Year rel	3 <sup>rd</sup> Year rel	Total
<b><u>Non-Recurring</u></b> Equipment @ ₹ 5.00 lakhs per dept. (Fabric & Apparel Science, Food & Nutrition, Biochemistry and Microbiology)	20.00	0.00	0.00	20.00
<b><u>Recurring</u></b> to all four depts. @ ₹ 2.00 lakhs per year (Fabric & Apparel Science, Food & Nutrition, Biochemistry and Microbiology)	8.00	8.00	8.00	24.00
<b><u>Travel Grant (Mentoring, Monitoring and Site Visit)</u></b>	1.00	1.00	1.00	3.00
<b>Total:</b>	<b>29.00</b>	<b>9.00</b>	<b>9.00</b>	<b>47.00</b>

2. **Dr. Sunita Aggarwal, Associate Professor, Department of Microbiology, Institute of Home Economics, Hauz Khas Enclave, New Delhi - 110016 (Delhi)** will be the coordinator for this programme and will submit utilization certificate and statement of expenditure duly signed by him, finance/accounts officer of college and head of college in duplicate at the end of financial year.
3. The college is required to implement the programme as per the terms and conditions given in **Annexure-I**.
4. The accounts of the programme to be maintained by the **Institute of Home Economics, Hauz Khas Enclave, New Delhi - 110016 (Delhi)** shall be open to inspection by the sanctioning authority/audit, whenever the college is called upon to do so.
5. The expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research (Major Head)
60	Others (Sub Major Head)
60.200	Assistance to Other Scientific Bodies (Minor Head)
29	Biotechnology Research and Development, Human Resource Development, Research Resources and facilities
29.17	Assistance for Research and Development
29.17.31	Grants-in-Aid General for the year 2017-18

Continue...2/-



Demand No. 85	Department of Biotechnology
3425	Other Scientific Research (Major Head)
60	Others (Sub Major Head)
60.200	Assistance to Other Scientific Bodies (Minor Head)
29	Biotechnology Research and Development, Human Resource Development, Research Resources and facilities
29.17	Assistance for Research and Development
29.17.35	Grants-in-Creation of Capital Assets

6. Non-recurring grant shall be utilized within 18 months of their release.
7. The institute/agency will keep the whole of the grant in a bank account earning interest, and the interest so earned should be reported to DBT in the utilization certificate and statement of expenditure. The interest so earned will be treated as a credit to the institute/agency and shall be adjusted towards further installment of the grant and/or at the time of final settlement of accounts.
8. No Utilization Certificate pertaining to this programme is required with the college as it is a first time grant to the grantee institution.
9. This issues under powers delegated to this Dept. and with the concurrence of IFD vide their **San No. 102/IFD/SAN/459/2017-18 dated:18.05.2017**
10. This sanction order has been noted at serial No.....8.....In the register of grants.

(Dr. Garima Gupta)  
Scientist-D

To,  
The Pay & Accounts Officer  
Department of Biotechnology  
New Delhi-110003

Copy to:

1. The Principal, Director of Audit (Scientific Departments), AGCR Building, New Delhi-110002
2. Cash Section, DBT, (2 Copies)
3. The Principal, Institute of Home Economics, Hauz Khas Enclave, New Delhi - 110016 (Delhi)
4. Dr. Sunita Aggarwal, Associate Professor, Department of Microbiology, Institute of Home Economics, Hauz Khas Enclave, New Delhi - 110016 (Delhi)
5. Sanction Folder

(Dr. Garima Gupta)  
Scientist-D



14

RU-11011/4/2017-(RESEARCH)  
Ministry of Women and Child Development  
Government of India  
(Research Unit)

3<sup>rd</sup> Floor, Jeevan Vihar Building, Sansad Marg,  
New Delhi, Dated - 26.09.2017

To,  
The Pay Accounts Officer  
Ministry of Women and Child Development  
Shastri Bhawan  
New Delhi - 110001.

Sub: **Release of 1<sup>st</sup> instalment of grant for study project on "Opportunities and Challenges in Digital Literacy: Assessing the impact of Digital Training for Empowering Urban Poor Women"- regarding.**

Sir,

I am directed to convey the sanction of the President of India for release of a non-recurring grant of amount Rs. 5,86,425/- (Rupees five lakhs eighty six thousand four hundred twenty five only) to, **Institute of Home Economics, University of Delhi, F-4, Hauz Khas Enclave, New Delhi-110016** to conduct the above mentioned study.

2. The Drawing and Disbursing Officer of the Ministry of Women and Child Development is authorized to draw an amount of Rs. 5,53,350/- (Rupees five lakhs fifty three thousand three hundred fifty only), being 50% of the total sanctioned cost of Rs. 11,06,700/- for the above study project, as first instalment of grant and disburse to above mentioned grantee through RTGS etc.

3. The details of the approved project budget for this project are as under:

S/N	Item of Expenditure	Amount in Rupees
(A)	Project Staff (Remuneration)	
1.	Project Director	Honorary
		3,75,000/-
2.	Project Coordinator	(25,000x1x15m)
		3,00,000/-
3.	Research Statistical Officer	(20,000x1x15m)
		1,50,000/-
4.	Investigators/ Research Assistants	(10,000x1x15m)
		45,000/-
5.	Typist/Data Entry Operator	(7,000x1x7m)
		8,74,000/-
	<b>Sub-Total (A)</b>	
(B)	Other Expenditure	
6.	Travel cost	1,00,000/-
7.	Printing of schedule and report (As per justification)	50,000/-
8.	Data Processing Charges	
9.	Consultancy	30,000/-
	<b>Sub-Total (B)</b>	1,80,000/-
	<b>Total (A+B)</b>	10,54,000/-
(C)	Contingency @ 5% of (A+B)	52,700/-
	<b>Sub-Total (A+C)</b>	11,06,700/-
(D)	Overhead Charges @ 5% (of A+B+C)	
(E)	<b>Grand Total (A to D)</b>	11,06,700/-

2 | Page

(श्रीमती रतना अंजना जेना)  
(Smt. RATNA ANJANA JENA)  
संयोजक सांख्यिकीय सलाहकार  
महिला एवं बाल विकास मंत्रालय  
Ministry of Women & Child Dev  
भारत सरकार/Govt. of India  
नई दिल्ली/New Delhi

A - 874000  
B - 180000  
C - 52700  
11,06,700  
55,335

27,665/-  
27,665/-



**Dr. A Mukhopadhyay**  
Head  
R&D Infrastructure Division  
Email: [tsd@nic.in](mailto:tsd@nic.in)  
Tel. + Fax: 011-26602193

विज्ञान और प्रौद्योगिकी मंत्रालय  
विज्ञान और प्रौद्योगिकी विभाग  
टेक्नोलॉजी भवन नया मेहरौली रास्ता नई दिल्ली - 110016

GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
Department of Science & Technology  
Technology Bhawan, New Mehrauli Road, New Delhi-110016

SR/FST/College - 334/2016

December 2016

Subject: Your Proposal under "FIST Program - 2016"

Dear Sir,

This is in connection with the aforesaid proposal submitted by your College for support under the FIST Program of DST. We are happy to inform you that the aforesaid proposal has been identified for support in Level - 0 category by the DST based on the recommendations of the FIST Advisory Board (FISTAB). The details of the recommendations for 5 years duration of the project are given below:

**To strengthen Teaching and Research Facilities in all Science departments of the College.**

**E - Rs 32 lakh (Items to be identified for Teaching Facilities by the College) and Rs 60 lakh for items to be identified for Research Facilities.**

**NW - Rs 7 lakh (for Setting up Computer Lab)**

**Books - Rs 3 lakh**

**E-Learning Room - Rs 5 lakh**

**Maintenance - Rs 3 lakh**

**Total : Rs 110.0 Lakh**

It may be noted that the allocations indicated now above with respect to any Equipment or any other budget heads are the upper limit of the budget as they are purely based on recommendations and also tentative. However, College shall now finally firm-up specifications/ configurations of each Equipment, Computational & Networking facility in Computer Lab, Infrastructure Facility as recommended above for acquiring by the College and actual cost of this project shall be firm up based on these inputs from you and finally it may be less than this. The support for the 'Maintenance' will be provided as per norms under FIST Program. The type of equipment and its specifications/ configurations finalized now by the College would not be possible to change during the course of implementation of the said project. For enabling us to process the case further, including the release of 1<sup>st</sup> installment of grant now, you are requested to please submit the following documents **latest by before 10<sup>th</sup> February 2017 (Friday)**:

- 1) One each Budgetary Quotation from Equipment supplier (all-inclusive i.e. Custom Duty, Bank & other Charges) for all Equipment recommended for support. Please ensure that the budgetary cost is not an inflated one with respect to its specifications given. In case, Equipment list "to be identified & prioritized", please submit quotations of the identified & prioritized Equipment only. Under 'Research Facility support', the College shall only provide the list of equipment whose cost shall be in the range of Rs 10-30 lakh for one single equipment and avoid projecting costing of one single equipment is less or more than that of above range. Under 'Teaching Facility Support' for Colleges, only laboratory equipment to be utilized for experimental purposes shall be proposed. Teaching Aids like LCD Projector, Smart Boards, Consumables etc. are out of scope under FIST support and shall not be projected by the College.
- 2) Details plans for implementation of the 'Networking and Computational Facilities' (NW) under the support as per guidelines mentioned in the Terms and Conditions of DST-FIST Program available at the Website: [www.fist-dst.org](http://www.fist-dst.org). Please download 'Terms & Conditions' and submit the same on completion of all formalities along with above-said documents to DST.
- 3) Under 'E-Learning Class Room' details & their cost estimates of Items (one Multi-media Projector with Desktop PC, Microphone, Head-sets, Speakers and related items for this purpose) along with the list of Books, etc.

**Fixed Price Contract**  
**CONTRACT AGREEMENT FOR PROFESSIONAL SERVICES**  
**between**  
**NUTRITION IMPACT SOLUTIONS INC. (NIS)**  
**Registered Office: 32 Swans Way, Gloucester, ON K1J 6H9, Canada**  
**and**  
**Department of Nutrition, Institute of Home Economics,**  
**University of Delhi, F 4, Hauz Khas Enclave**  
**New Delhi- 110016**

**Contract No:** NIS17-18/UD1

**Title of Project:** Consumer Acceptability and Sensory Analysis Studies of Multiple Fortified Salt (MFS)

**Total Cost:** Rs. 14,22,400

**Effective Date:** November 15, 2017

**Completion Date:** May 15, 2018

**1) INTRODUCTION AND DESCRIPTION OF THE PROJECT**

Anaemia is a major health problem in India. In the 2005-2006 National Family Health Survey (NFHS-3), a household survey aimed at having national and state representative data on population health and nutrition; the prevalence of anaemia was 70% in children aged 6–59 months, 55% in females aged 15–49 years and 24% in males aged 15–49 years (Uria et al, 2014 and Arnold, 2009). According to NFHS-3, more than half of women in India (55%) have anaemia, including 39% with mild anaemia, 15% with moderate anaemia and 2% with severe anaemia.



The main causes of anaemia are nutritional and infections. Among the nutritional factors contributing to anaemia, the most common one is deficient iron intake. Iron deficiency may also be aggravated by poor nutritional status, especially when it is associated with deficiencies in folic acid, Vitamin A or B12, as is often the case in populations living in developing countries.

Zinc is another nutrient which is proven to be essential to young children during periods of growth. Zinc also helps to prevent against infections.

## **MFS Technology**

Fortification of salt as a vehicle for iron delivery is promising because it engages existing systems for producing and distributing a widely used and affordable food. Recent technological advances—specifically, microencapsulation of ferrous fumarate with a soy stearine coat have resulted in a low-cost formulation of double-fortified salt (DFS) with iron and iodine that prevents the chemical interaction of iodine with iron while maintaining stability in storage under tropical conditions (Hass et al, 2014). The importance of the new formulation of DFS lies essentially in the fact that it is indistinguishable in taste, colour and smell from regular salt (speck like particles of encapsulated ferrous fumarate may be faintly visible but do not deteriorate with time).

The new formulation iron fortification of salt is supported by the Government of India. The Ministry of Women and Child Development has issued a circular promoting the use of DFS in its food programmes. (Letter No 5-4/ 2011 ND / Tech, GOI, MWCD, Mandatory use of double fortified salt in national programmes - ICDS). The Food Safety and Standards Authority of India (FSSAI) have issued a gazette notification that encompasses the new formulation for DFS.

Since folic acid, vitamin B12 and zinc deficiency occur in the same population groups, several variations of the fortified salts (multiple fortified salts – MFS) have been developed as a viable strategy to alleviate these nutritional deficiencies. If acceptable these would be a practical and sustainable solution to the problem of these multiple deficiency states. Some of the variations developed include the following:

- Salt Double Fortified with iodine and zinc
- Salt Quadruple Fortified with iodine, zinc, folic acid and vitamin B12

This research has been formulated with the objective of studying the acceptability of multiple nutrient fortified salts as compared to iodized salt in an urban community setting. The hypothesis articulated is that each of the 2 different salts is as acceptable to the consumer as iodized salt.

The specific objectives of this consultancy are:

1. To study the salt consumption patterns in urban Indian households.
2. To compare acceptability of three types of salt with iodized salt in urban Indian households using non inferiority cluster randomized trial with four hypothesis design.

- Salt Double Fortified with iodine and zinc
- Salt Quadruple Fortified with iodine, zinc, folic acid and vitamin B12

- Iodized salt

3. To evaluate the sensory acceptability of these formulations when used in prepared dishes, in comparison with iodized salt

## 2) **DEFINITIONS**

NIS: Nutrition Impact Solutions Inc.

Contractor: Department of Nutrition, Institute of Home Economics,  
University of Delhi, Reader- Seema Puri

Project: MFS PROJECT

## 3) **PROGRAM DESCRIPTION**

### **3.1 Background**

The objective of this Contract Agreement is to determine consumer acceptability towards the use of the multiple fortified salt in urban Indian households and to evaluate the sensory acceptability of food preparations prepared using this formulation.

[Ethical clearance for the study has been obtained from The Institutional Ethics Committee of Institute of Home Economics]

### **3.2 Statement of Work**

The Contractor shall perform the tasks as per the Statement of Work described in Attachment A.

### **3.3 Reporting & Technical Directions**

The NIS Project Manager for this Contract Agreement is Mr. Venkatesh Mannar, President, NIS.

## 4) **PERIOD OF THIS CONTRACT AGREEMENT**

The effective date for this Contract Agreement is November 15, 2017 and the completion date is May 15, 2018.

## 5) **CONTRACT AGREEMENT VALUE**

The total consultancy value of this Contract Agreement is Rs. 14, 22, 400 (Rupees Fourteen Lacs Twenty-Two Thousand Four Hundred only). The costs of honorarium, travel, acceptability trials, sensory trials etc. are detailed in the Budget Attachment B. This amount shall be all-inclusive including all taxes, that the contractor shall be required to pay.

## 6) **PAYMENT TERMS**

Payment for this contract shall be made as per the following schedule after necessary deductions as per the Income Tax Act, 1961 and relevant amendments:

- a) 50% upon signing of the contract
- b) 50% upon receipt of a satisfactory final report that fulfills the terms of the contract

## 7) **ADDITIONAL PROVISIONS**

**7.1 Independent Organization:** The Consultant is an independent organisation or person as applicable and shall not claim to be an agent, officer, or employee of NIS and shall not have authority to make any commitments on behalf of NIS, except to the extent that such authority shall be expressly conferred by NIS from time to time in writing.

**7.2 Communication with the Funding Agency:** All contact, communication and dealings with the Funding Agency and its agent and representatives by the Consultant and of its personnel, consultants, or recipients on matters subject to this Contract Agreement shall be through or approved by NIS.

**7.3 Indemnification:** Each party shall indemnify and hold the other harmless against losses, claims, liabilities or damages which are sustained as a result of negligent acts, errors or omissions of the other, its employees and agents or for improper performance or nonperformance relating to activities hereunder.

The Parties represent and warrant to each other that each party has the legal right and power to enter into this Contract Agreement.

The Contractor warrants to NIS:

- that the Contractor has the requisite competence to fulfill the obligations under this Contract Agreement, including having the relevant experience, training and/or qualifications and holds the requisite license, permit and/or certificate required by law for the performance of this Contract Agreement.
- that the Contractor shall not either because of any other contract or engagement be precluded from entering into and fulfilling the obligations under this Contract Agreement. The Consultant shall not have any interest, financial or otherwise, direct or indirect, or enter into any commitment with any firm, company or other body with which NIS has or contemplates having business relations, without disclosing the fact in writing to NIS immediately it comes to the Consultant's knowledge that such business relations exist or are contemplated.
- that the Contractor shall observe all applicable health and safety legislations, guidance and codes of practice in force, and shall act in accordance with any instructions in this regard as prescribed by NIS.
- that the Contractor shall use reasonable care, skill and due diligence and perform all obligations under this Contract Agreement in a timely and professional manner.

- that the Contractor shall not render services to any third party which would conflict with the contractor's obligations under this Contract Agreement.
- that the Contractor shall maintain sufficient insurance coverage including but not limited to commercial general liability, automobile liability, professional liability and similar to cover obligations and risks that this Contract Agreement creates.
- that the Contractor shall not engage in any public controversy and/or work on material in a manner liable to prejudice the impartiality of the work contemplated under this Contract Agreement.

7.4 Assignment: The Contractor may not assign or further subcontract any part of the activities described in this Contract Agreement without the prior written consent of NIS. Where such consent is given, it shall not relieve the Contractor of any of its responsibilities under this Contract Agreement.

7.5 Changes: No change in, modifications of, or revisions to this Contract Agreement shall be valid unless in writing and signed by the Authorised Representative of NIS. The Contractor may not change any aspect of this Contract Agreement without NIS's prior written consent.

7.6 Confidentiality: The Contractor shall keep all work and services carried out hereunder entirely confidential, and shall not use, publish, or make known, without NIS's written approval, any information developed by the Contractor or furnished by NIS to any persons other than personnel of the parties to this Contract Agreement. This shall not apply to any information that was in the Contractor's possession prior to the commencement of this Contract Agreement or which is or shall become available to the general public in a printed publication.

7.7 Intellectual Property: NIS shall own all the intellectual property rights to all research materials, work products and documents that may arise during the course of this Contract Agreement and/or as a consequence of fulfilling obligations under this Contract Agreement. In case of copyrighted materials created as a result of this Contract Agreement, NIS may at its discretion grant to the Contractor a nonexclusive, royalty-free right to use, publish, reproduce or distribute those materials. In case of other non-copyrighted materials created as a result of this Contract Agreement, the Contractor may use, publish, reproduce or distribute the same subject to prior consent from NIS.

7.8 Termination: NIS shall have the option to terminate this agreement in the event of termination of the Prime Agreement by the Funding Agency for whatever reasons.

NIS shall have the option to terminate this Contract Agreement in the event the Contractor materially breaches any of the terms and conditions set forth herein.

Either party shall have the option to terminate this Contract Agreement if either party fails to perform its obligations under this Contract Agreement and fails to cure any such default in performance within seven days after written notification by the other party thereof.

Either party shall have the option to terminate this Contract Agreement for whatever reasons by giving seven days written notice to the other party.

In the event of termination, the Contractor shall be entitled to receive all payment dues up to the time of termination of this Contract Agreement, including commitments, which cannot



be reversed or mitigated. Subject to the above, the Contractor shall return to NIS all excess funds received within 30 days from the date of such termination

7.9 Disputes: All disputes shall in the first instance be resolved jointly by the authorised representatives of NIS and the Contractor. In case the same cannot be so resolved, the same shall either be referred to the joint arbitration of two independent persons with each party naming one of such person or be referred to the Indian Council of Arbitration. The arbitration proceedings shall be conducted in English. Any award made in such arbitration will be final and binding on the Parties.

7.10 Force Majeure: The failure of either party to fulfill any of its obligations herein shall not be considered to be a breach of, or default under this Contract Agreement insofar as this liability arises from an event of Force Majeure, provided that the party affected by such an event takes all reasonable precautions, due care and reasonable alternative measures, all with the objective of carrying out the terms and conditions of this Contract Agreement.

7.11 Governing Law and Jurisdiction: This Contract Agreement shall be governed by the Laws of India and all matters related to this Contract Agreement shall be subject to the jurisdiction of the courts in Delhi.

7.12 Survival: The provisions of this agreement, which by their nature are intended to survive the termination or expiration of this Agreement, including without limitation, the provisions of Clause 7.3 (Indemnification), Clause 7.6 (Confidentiality), Clause 7.7 (Intellectual Property) and this Clause 7.12 (Survival) shall survive the termination of this Contract Agreement.

## 8) **FINAL AGREEMENT**

This Contract Agreement is the final contract between the parties and all subsequent amendments and/or modifications must be in writing.

For Nutrition Impact Solutions Inc



Name: Venkatesh Mannar  
Designation: President

For the Contractor

Name: Seema Puri  
Designation: Associate Professor  
Dept. of Nutrition,  
Institute of Home Economics,  
University of Delhi

Date: November 15, 2017

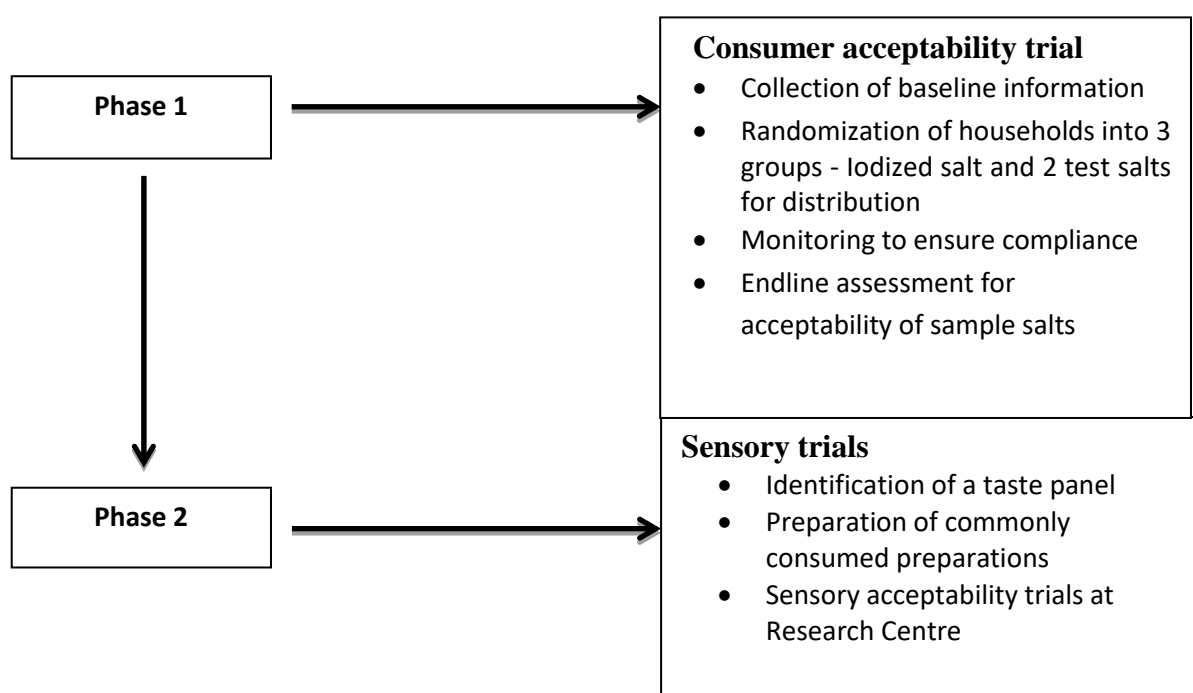
## **ATTACHMENT A**

### **STATEMENT OF WORK**

The study will be carried out in two phases: consumer acceptability trials and sensory evaluation of samples of iodized salt and multiple nutrient fortified salts.

Ethical clearance for the study has been obtained from The Institutional Ethics Committee of Institute of Home Economics.

#### **Research Design**



The two phases will not be mutually exclusive.

Phase I: Comparison of acceptability of two types of salt with iodized salt in urban Indian households using non-inferiority cluster randomized trial with four hypothesis design.

The study is a cluster randomized trial to be conducted in an urban area in North India. The clusters will consist of 3 ICDS Blocks in the urban area. One of the 2 types of salt and the iodized salt (control) will be randomly assigned to one urban cluster each. The unit of analysis would be the household to be studied wherein the female head would be interviewed. Each cluster would cover 50 households. The primary outcome is the acceptability of the salt samples vis a vis iodized salt.

Consumer acceptability trials with sample salts will be carried out for a period of 2 weeks. The 2 types of salt will be packed in one-kilogram packets, suitably labeled and randomly distributed among the study population. The households will be monitored for use of salt and to ensure compliance. Female respondents who cook meals for the families will be instructed to report the observations relating to the appearance, color, flavor and texture of different foods cooked with the sample salt distributed to them. They will also be instructed to report any changes noticed in comparison to the food cooked by their usual salt. The overall acceptability of the 2 sample salts and the iodized salt will be assessed based on the parameters of appearance, colour and taste and the salts will be then finally ranked on the basis of these overall acceptability scores. Informed consent will be obtained from all the participants before they are enrolled in the study.

**Locale:** The locale of investigation will be urban Delhi covering mainly low middle to middle income group families. Households in the urban area will include ICDS blocks and contacts with respondents will be made through the Anganwadi Centres under the ICDS Scheme in urban Delhi.

**Sample size:** Based on an expected acceptability rate of 95% in the salt sample as against 99% in iodized salt and a non-inferiority margin of 5% and power of 90%, the proposed sample size of each group is 122 per group in rural and urban areas each. Anticipating a dropout rate of at least 10%, it is suggested to recruit 150 households in each arm of the study for each salt variation. Due to budgetary and time constraints, it is proposed to recruit 50 households in each arm of the study, making a total of 150 households.

In phase I of the study, female heads of the selected households will be interviewed for providing baseline information about their respective families. A structured questionnaire will be used to gather information on socio-demographic profile, patterns of food and salt consumption, acceptability and storage.

## **Phase II: Sensory trials**

Phase II of the study will comprise of sensory trials conducted at the research centre to determine the acceptability of the 2 types of salts in cooked preparations. 10-15 dishes, identified as those which were prepared most commonly by the subjects, including snacks, beverages, salads, curries and other main dishes will be prepared at the research centre under standardized conditions. Each dish will be prepared three times and scored by the research team in the laboratory and mean scores will be determined. Each dish will also be evaluated after storage for 6-24 hours depending upon the storage practices reported by the subjects i.e. room temperature or refrigeration, time kept etc.

Finally, a taste panel of 10- 15 semi trained members will be set up to evaluate the preparations. Since it is a consumer acceptability trial, 20-30 consumers will be also part of the panel. Blinding of the samples will be done to avoid any bias which might creep in. The dishes cooked with each of the 5 sample salts will be compared to the same dish prepared with the iodized salt and will be evaluated on taste, flavour, acceptability etc. A scoring pattern will be adopted for various parameters i.e. colour, texture, appearance, taste and overall acceptability.

The responses received will be compiled and analyzed. Results will be presented in a brief report.

### Proposed Time Line

Activity (Month)	1	2	3	4	5	6
Recruitment of staff, tools, sample finalization	XXXX					
Baseline, distribution of salt, Endline survey (3 urban clusters of 50 each)		XXXX	XXXX	XX		
Data entry, analysis				XX	XXXX	
Lab trials	XX		XX	XXXX	XX	
Report writing						XXXX

### **ATTACHMENT B - BUDGET**

Duration: 6 months

<b>S. No</b>	<b>Head</b>	<b>Amount (INR)</b>
1.	<b>Equipment</b>	50,000
2.	<b>Salaries</b> Research Associates 2 @35,000 pm Project Attendant 1@ 15,000 pm <b>Honorariums</b> Project Advisor, Investigators etc	4,20,000 90,000 4,20,000
3	<b>Travel</b>	30,000
4.	<b>Community trials</b> – incentives, refreshment etc	60,000
5	<b>Cooking laboratory trials</b> - ingredients, disposables, honorarium to panelists etc	1,00,000
6.	<b>Photocopy, stationery, software etc</b>	50,000
7.	<b>Statistical Analysis, Report formulation</b>	50,000
7.	<b>Contingency - 5%</b>	63,500
8.	<b>Institutional Charges – 7%</b>	88,900
	<b>Grand total</b>	<b>14,22,400</b>

be reversed or mitigated. Subject to the above, the Contractor shall return to NIS all excess funds received within 30 days from the date of such termination

7.9 Disputes: All disputes shall in the first instance be resolved jointly by the authorised representatives of NIS and the Contractor. In case the same cannot be so resolved, the same shall either be referred to the joint arbitration of two independent persons with each party naming one of such person or be referred to the Indian Council of Arbitration. The arbitration proceedings shall be conducted in English. Any award made in such arbitration will be final and binding on the Parties.

7.10 Force Majeure: The failure of either party to fulfill any of its obligations herein shall not be considered to be a breach of, or default under this Contract Agreement insofar as this liability arises from an event of Force Majeure, provided that the party affected by such an event takes all reasonable precautions, due care and reasonable alternative measures, all with the objective of carrying out the terms and conditions of this Contract Agreement.

7.11 Governing Law and Jurisdiction: This Contract Agreement shall be governed by the Laws of India and all matters related to this Contract Agreement shall be subject to the jurisdiction of the courts in Delhi.

7.12 Survival: The provisions of this agreement, which by their nature are intended to survive the termination or expiration of this Agreement, including without limitation, the provisions of Clause 7.3 (Indemnification), Clause 7.6 (Confidentiality), Clause 7.7 (Intellectual Property) and this Clause 7.12 (Survival) shall survive the termination of this Contract Agreement.

#### 8) FINAL AGREEMENT

This Contract Agreement is the final contract between the parties and all subsequent amendments and/or modifications must be in writing.

For Nutrition Impact Solutions Inc



Name: Venkatesh Mannar  
Designation: President

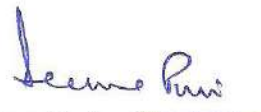
Date: November 15, 2017

For the Contractor



Name: Dr Ranjana Mahna  
Designation: Director  
Institute of Home Economics,  
University of Delhi

Dr. (Mrs.) Ranjana Mahna  
Director (Offtg.)  
Institute of Home Economics  
(University of Delhi)  
F-4, Hauz Khas Enclave  
New Delhi-110016



Name: Dr Seema Puri  
Designation: Associate Professor  
Dept. of Nutrition,  
Institute of Home Economics,  
University of Delhi



THE UNIVERSITY OF  
**SYDNEY**

Research Grants and Contracts  
Level 6, Jane Foss Russell Building (G02)  
University of Sydney NSW 2006  
Telephone: (RGC): +61 2 8627 8111  
Facsimile: +61 2 8627 8145  
Email: [research.support@sydney.edu.au](mailto:research.support@sydney.edu.au)

24 April 2018

Ref: CT 21943

Dr Geeta Trilok Kumar  
Director  
Institute of Home Economics (University of Delhi)  
F4 Hauz Khas Enclave  
New Delhi 110016  
India

Dear Dr Kumar

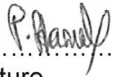
The University of Sydney invites Institute of Home Economics, University of Delhi to collaborate on the research project titled "Addressing critical failures of Infant and Young Child Nutrition (IYCN) in South Asia: IYCN challenges faced by working women in urban areas" as described in the attached project plan (**Project**) on the following terms. The University of Sydney has signed an agreement with The World Bank Group, whereby The University of Sydney has agreed to the General Terms and Conditions Consulting Services, August 2016 (**Head Agreement**), attached as **Annexure 1** to carry out the Project. The parties had also signed a Letter of Intent dated 12 March 2018, attached as **Annexure 2**.

1. The institutions will use reasonable endeavours to conduct the Project during the research period commencing on 16-03-2018 (**Effective Date**) and ending on 31-05-2019
2. The University of Sydney will use reasonable endeavours to make Professor Michael Dibley available for the Project. Institute of Home Economics, University of Delhi will use reasonable endeavours to make Dr Seema Puri available for the Project.
3. Institute of Home Economics, University of Delhi acknowledges and agrees that it has read the Head Agreement, and that it will do all things necessary to allow the University of Sydney to be able to comply with the Head Agreement, to the extent that is relevant to Institute of Home Economics, University of Delhi's role in the Project.
4. Payment will be provided by The University of Sydney to Institute of Home Economics, University of Delhi for the Project as set out in Schedule 2.
5. Each institution will maintain reasonable, up to date and accurate records regarding the conduct and conclusions of the Project.
6. All intellectual property developed outside of the Project whether before or after the Effective Date of this Agreement which is owned (or licensed) by a party and is contributed to the Project by that party for the purpose of carrying out the Project (**Background IP**) remains the property of the owner of that Background IP.
7. All intellectual property rights (other than copyright in scholarly works) arising in the conduct of the Project (**Project IP**) will be owned by the University of Sydney, so that the University of Sydney is able to assign such Project IP to The World Bank Group pursuant to clause 21 of the Head Agreement.
8. Copyright in scholarly works arising in the conduct of the Project remains with the author.

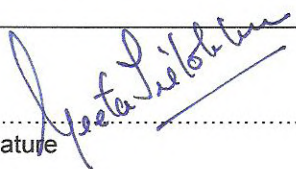


9. The University of Sydney grants to Institute of Home Economics, University of Delhi a free, perpetual, worldwide, non-exclusive licence (capable of sub-licence) to use any Project IP for performing the Project and for non-commercial research, education and publication purposes.
10. If one institution discloses to the other any information that is marked as, or is by its nature, confidential to the discloser or a third person (**Confidential Information**), the recipient must keep it confidential and only use it for the Project or as required by law.
11. At least 45 days before an institution publishes any material related to the conduct and conclusions of the Project, it must provide a copy of the publication to the other institution for review. The recipient may require that the publishing institution remove any Confidential Information from the publication and may require a delay in publication of up to 90 days to allow for registration of any intellectual property rights, but otherwise the publishing institution is free to publish that material.
12. Neither institution will subcontract their obligations in respect of the Project, or assign their rights or obligations under this agreement, without the written consent of the other.
13. Neither institution is liable to the other for consequential or incidental damages arising from or in any way related to this agreement or the Project.
14. Each institution's liability arising from or related to the Project is reduced to the extent that any liability arises from a negligent act or omission of the other institution.
15. Any notices or other formal communications under this Agreement:
  - (a) must be in writing and signed by the Project Officer of the sender or an authorised representative of them,
  - (b) must be marked to the attention of the recipient's Project Officer and be delivered to the recipient by hand, pre-paid post or fax at the address or number shown below; and
  - (c) will be effective once received, and will be deemed to be received, if posted in Australia, on the seventh day or, if faxed, at the time shown on the transmission report for the complete message being sent.
16. The Project Officers for each institution are as follows:
  - (a) The University of Sydney: Dr Pearly Harumal, Director, Research Grants and Contracts, Level 6 Jane Foss Russell Building (G02), NSW 2006, Email: [research.support@sydney.edu.au](mailto:research.support@sydney.edu.au); Telephone: +61 2 8627 8111, Facsimile: +61 2 8627 8145,
  - (b) Institute of Home Economics: Dr Geeta Trilok Kumar, Director, Institute of home Economics, F4 Hauz Khas Enclave, New Delhi 110016, India. Email: [principal@ihe.du.ac.in](mailto:principal@ihe.du.ac.in), Telephone +91 11 46018108.
17. The parties agree that any notice or other formal communications which do not comply with the preceding clauses 15 and 16 will be of no effect. Each party agrees that it will not rely on representations or promises made by any other persons associated with a party, other than those made by that party's Project Officer or an authorised representative of them and agrees that representations and promises made by any other person do not bind that other party.
18. Nothing in this agreement is intended to create a partnership between the institutions or establish one institution as an agent or representative of the other.
19. This agreement is governed by the laws of New South Wales, Australia. Each party submits to the non-exclusive jurisdiction of the courts of that place.
20. This agreement may be executed in counterparts. All counterparts when taken together are to be taken to constitute one instrument.

To indicate your acceptance of these terms and conditions, please sign the enclosed copy of this Agreement and return it to the Director, Research Grants and Contracts, University of Sydney at the address indicated above.

Signed for and on behalf of <b>THE UNIVERSITY OF SYDNEY:</b>	Signed for and on behalf of <b>INSTITUTE OF HOME ECONOMICS, UNIVERSITY OF DELHI :</b>
<p>.....    Signature</p> <p>.....  Dr. PEARLY HARUNAH.  Print name</p> <p>.....  Director, Research Grants and Contracts.  Position</p> <p>.....  24/5/2018.  Date</p>	<p>.....  Signature</p> <p>.....  Print Name</p> <p>.....  Position</p> <p>.....  Date</p>

To indicate your acceptance of these terms and conditions, please sign the enclosed copy of this Agreement and return it to the Director, Research Grants and Contracts, University of Sydney at the address indicated above.

Signed for and on behalf of <b>THE UNIVERSITY OF SYDNEY</b> :	Signed for and on behalf of <b>INSTITUTE OF HOME ECONOMICS, UNIVERSITY OF DELHI</b> :
<p>.....</p> <p>Signature</p> <p>.....</p> <p>Print name</p> <p>.....</p> <p>Position</p> <p>.....</p> <p>Date</p>	<p></p> <p>.....</p> <p>Signature</p> <p>.....</p> <p>Print Name</p> <p>Dr Geeta Trilok-kumar</p> <p>.....</p> <p>Position</p> <p>11/05/2018</p> <p>.....</p> <p>Date</p>

## **Schedule 1 – Project Plan**

### **Deliverables:**

1. Detailed inception report outlining the complete operational plan and draft tools for data collection as satisfactory to the Bank.
2. Physical progress reports (including reports of the workshops, stakeholder engagement meetings held during the reporting period) as satisfactory to the Bank.
3. Individual country reports on the key findings and recommendations with one policy brief for each country as satisfactory to the Bank.
4. Comprehensive Regional report of the key findings and recommendations of the study as satisfactory to the Bank.

### **Role description of project team at Institute of Home Economics, University of Delhi**

- Development of inception report
- Obtain administrative clearance from the concerned departments
- Obtain ethics clearance
- Development of data collecting tools
- Recruitment of Project Assistants, and other staff
- Pre-testing the tools/questionnaire
- Arranging field sites
- Data collection
- Data entry
- Data transcribing , coding and summarization
- Data analysis
- Organizing in country stakeholder workshop and regional workshop
- Writing-in-country report
- Writing the regional report



## Schedule 2 – Payment Schedule

payment schedule	amount USD	Milestone/ Deliverable	Institute of Home Economics, University of Delhi – Seema Puri	Payment linked to deliverables
	\$15,675.00	Upon Contractor's acceptance of the Contract.	\$ 5,000.00	Inception report (Operational plan and draft tools)
30-Mar-18	\$47,025.00	Contractor's submission and the Purchaser's acceptance of the detailed inception report outlining the complete operational plan and draft tools for data collection, as provided in Annex A.	\$ 20,000.00	
		<b>TOTAL</b>	<b>\$ 25,000.00</b>	<b>Payment A</b>
31-Jul-18	\$31,350.00	Contractor's submission and the Purchaser's acceptance of the first bi-annual physical progress report, as provided in Annex A.	\$ 10,000.00	Two 6-monthly physical progress reports satisfactory to the Bank
31-Jan-19	\$31,350.00	Contractor's submission and the Purchaser's acceptance of the second bi-annual physical progress report, as provided in Annex A.	\$ 10,000.00	
		<b>TOTAL</b>	<b>\$ 20,000.00</b>	<b>Payment B</b>
31-Mar-19	\$23,513.00	Contractor's submission and the Purchaser's acceptance of the Individual country reports on the key findings and recommendations with one policy brief for each country, as provided in Annex A.	\$ 10,062.00	India country report with policy briefs
31-May-19	\$7,837.00	Contractor's submission and the Purchaser's acceptance of the Comprehensive Regional report of the key findings and recommendations of the study, as provided in Annex A	\$ 4,438	
		<b>TOTAL</b>	<b>\$ 9,938.00</b>	<b>Payment C</b>
			<b>\$ 59,500.00</b>	

## **Finance Contacts:**

### A. Contact details at The University of Sydney:

Details for the person to who Invoices should be sent:

Jessica Wang  
Finance Officer  
+61 2 9351 4014  
pharmacy.finance@sydney.edu.au

### B. Contact details at Institute of Home Economics, University of Delhi

Dr Geeta Trilok Kumar  
Director  
Institute of Home Economics  
F4 Hauz Khas Enclave  
New Delhi 110016  
India  
principal@ihe.du.ac.in  
+9111 46014108



## **ANNEXURE 1- HEAD AGREEMENT**

Attached (The World Bank Group General Terms and Conditions Consulting Services August 2016)

## **ANNEXURE 2- LETTER OF INTENT**



इंस्टीट्यूट ऑफ होम इकोनॉमिक्स  
(दिल्ली विश्वविद्यालय)  
एफ.4, हौज खास एन्क्लेव  
नई दिल्ली - 110016  
फोन: 26532402, 46018108  
टेलीफैक्स: 26510616  
ई.मेल: principal.ihe@gmail.com

NAAC  
GRADE 'A'  
ACCREDITED

FIST-DST AWARDEE

INSTITUTE OF HOME ECONOMICS  
(University of delhi)  
F-4, HAUZ KHAS ENCLAVE  
NEW DELHI-110016  
Phone : 26532402, 46018108  
Telefax : 26510616  
E-mail: principal.ihe@gmail.com

Ref. No. IHE/2018-19/1132... **STATEMENT OF EXPENDITURE**

Project Title: "Addressing critical failures of Infant and Young Child Nutrition (IYCN) in South Asia:  
IYCN challenges faced by working women in urban areas"

Amount Received	Receipt Date	Amount
First Installment	10.12.2018	1,787,688.00
Second Installment	11.04.2019	1,370,250.00
Interest Received during the period		16,756.00
<b>Total</b>		<b>3,174,694.00</b>

Total Expenditure per Head the project

Sr. No.	Head	Amount Sanctioned	Amount Released	Grant Utilized	Unspent Balance
1	<b>Local Travel</b>				
	Ground Transportation	337,200.00		-	
	Other Local Travel Cost	67,440.00		54,564.00	
2	<b>Communication Expenses</b>				
	Internet, phone and server Charges	67,440.00		-	
	Computers-1	67,440.00		86,055.00	
	Printers-1	33,720.00		-	
	Tablet computer for data capture-5	101,160.00		49,800.00	
3	<b>Other Direct Expenses</b>				
	a) Workshop (India)	202,320.00		-	
	b) Regional workshop	337,200.00		342,875.00	
	Hiring anthropometric equipment	33,720.00		-	
	Miscellaneous	134,880.00	3,174,694.00	31,652.00	934,219.00
4	other contingent expenses	33,720.00		32,873.00	
5	<b>Project Staff (Remuneration)</b>	2,191,800.00			
	a) Lead Consultant India	414,756.00			
	b) Consultants/Technical Advisors	539,520.00			
	c) Consultants-Qualitative	252,900.00			
	d) Project assistants (4 persons)	647,424.00		1,238,016.00	
	e) Secretarial assistant	145,670.00			
	f) Translators	53,952.00			
	g) Field assistants	36,418.00			
	h) Per-diem for officials	101,160.00			
6	Overhead Charges	404,640.00		404,640.00	
	<b>Total</b>	<b>4,012,680.00</b>	<b>3,174,694.00</b>	<b>2,240,475.00</b>	<b>934,219.00</b>

(Lakshmi Budhiraja)  
Section Officer A/cs

(Dr. Seema Puri)  
Principal Investigator

Wellcome trust

IndiaAlliance

DBT wellcome

copy from GB chairman received on college email.

**Private and Confidential**

Dr Muneesh Kumar  
Chairman, Governing Body  
Institute of Home Economics  
University of Delhi  
New Delhi 110016

E-mail: [grants@indiaalliance.org](mailto:grants@indiaalliance.org)  
Tel: Hyderabad: +91 40 4018 9445  
New Delhi: +91 11 4100 8403

Our Ref: IA/CPHS/17/1/503334

20 August 2018

Dear Dr Kumar

The Wellcome Trust/DBT India Alliance has agreed to award **Dr Geeta Trilok-Kumar** a Senior Fellowship (Clinical and Public Health) for 60 months for her study entitled, "To improve understanding of interactions among intra-uterine growth retardation, early growth, vitamin D, gut permeability, body fat, diet, physical activity and risk of chronic disease in low-birth weight children", under your sponsorship.

An award of up to ₹ 4,29,21,974.00 has been provided to the Institute of Home Economics, University of Delhi (hereinafter referred to as 'Host Institution') for this purpose.

The grant has been given a start date of **01 September 2018** and is intended to provide support as follows:

**RING-FENCED FUNDS:**

	Total (₹)
<b>PI – SENIOR FELLOW</b>	
Support for Dr Geeta Trilok-Kumar	0.00
<b>CONTRIBUTION TOWARDS INSTITUTIONAL OVERHEADS</b>	39,01,998.00
<b>Sub Total(A)</b>	<b>39,01,998.00</b>

**TRANSFERABLE FUNDS:**

	Total (₹)
<b>SUPPORT STAFF SALARIES</b>	
Post 1: Post doctoral fellow (60 months)	29,30,448.00
Post 2: Field worker (60 months)	9,56,954.00
Post 3: Field worker (60 months)	9,56,954.00
Post 4: Lab technician (60 months)	17,43,030.00
Post 5: Junior medical officer (54 months)	27,00,000.00
Post 6: Data manager (54 months)	17,28,000.00

Mailing Address, Hyderabad  
The Wellcome Trust/DBT India Alliance  
Block 3, 19/1, Keshavnagar, Hyderabad 500 025  
Phone: +91 40 4018 9445 Fax: +91 40 4018 9449

Mailing Address, Delhi  
The Wellcome Trust/DBT India Alliance  
1110, DLF Tower B, Jockey District Centre,  
Nehru Road, New Delhi-110025  
Tel: +91 11 41008402, 41008403

Regd. Office:  
The Wellcome Trust/DBT India Alliance  
Department of Biotechnology, Government of India  
Block 3, Nehru Road, New Delhi-110025



<b>FLEXIBLE FUNDING ALLOWANCE</b>	10,00,000.00
<b>TRAVEL TO MEETINGS</b>	
Dr Geeta Trilok-Kumar	10,00,000.00
Post 1: Post doctoral fellow	5,00,000.00
Post 5: Junior medical officer	4,50,000.00
<b>MATERIALS AND CONSUMABLES</b>	91,42,475.00
<b>EQUIPMENT PURCHASE</b> (See attached list for details)	50,27,000.00
<b>MISCELLANEOUS</b>	1,08,85,115.00
<b>Sub Total(B)</b>	<b>3,90,19,976.00</b>
<b>GRAND TOTAL(A+B)</b>	<b>4,29,21,974.00</b>

The following details along with the enclosed **Award Conditions**, outline the framework in which the Fellowship will operate.

- 1 Terms
- 2 Costs
  - 2.1 Ring-Fenced Funds
  - 2.2 Transferable Funds
- 3 Acceptance
- 4 Payment
- 5 Reports
  - 5.1 Annual
  - 5.2 End-of-Fellowship
- 6 Fellows' Title
- 7 Publications from Fellowship
- 8 Mid-term Review Process
- 9 Mentorship Requirement
- 10 IP arising from the Fellowship
- 11 Award Extension
- 12 Other Fellowships and Grants
- 13 Variation and Termination of Fellowship
- 14 Statement on Equality and Diversity
- 15 Managing reputational risks
- 16 Fellows' Meetings
- 17 Application Reviews
- 18 Contact



033

No. BT/PR25911/MED/97/384/2017  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors  
CGO Complex, Lodhi Road,  
New Delhi- 110 003  
Dated: 04/09/2018

**ORDER**

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled: "**Body composition, early growth, and chronic disease risk of school-aged children who were born low birth weight at term**" for a period of 2 Years at a total cost of Rs. **5802517.00** (Rupees Fifty Eight Lakhs Two Thousand Five Hundred and Seventeen Only) on the terms and conditions detailed here under:-

**2 The Project:**

**2.1 Title :** "**Body composition, early growth, and chronic disease risk of school-aged children who were born low birth weight at term**"

**2.2 Details of the Investigators:**

**Dr. Geeta Trilok Kumar**  
Department of Biochemistry  
Institute of Home Economics  
University of Delhi  
F 4 Haus Khas Enclave, New Delhi -110016, Delhi

**Dr. Harshpal Singh Sachdev**  
Consultant  
Department of Pediatrics  
Sitaram Bhartia Institute of Science And Research  
Qutab Institutional Area, South Delhi  
New Delhi- 110016, Delhi

**2.3 Objectives:**

1. To assess the following outcomes in Indian children born term low birth weight when aged 8-11 years and in control children born with normal birth weight.
  - a. Anthropometry
  - b. Body fat and fat-free mass proportions by bioelectrical impedance (BIA)
  - c. Body fat distribution by anthropometry and BIA
  - d. Bone structure and strength by quantitative ultrasound (QUS)
  - e. Grip strength and long jump distance as indicators of muscle function in arms and legs, respectively.

**2.4 Time Schedule:**

The duration of the project is 2 Years from the date of this sanction order.

**2.5 Project Cost:**

The total cost of the project is Rs. **5802517.00** (Rupees Fifty Eight Lakhs Two Thousand Five Hundred and Seventeen Only) as per details given below:

Generated through eProMIS

DBT project  
Acts  
19/9/18

No. BT/PR25911/MED/97/384/2017

Government of India  
Ministry of Science & Technology  
Department of Biotechnology

Block No.2, 6-8<sup>th</sup> Floors,  
CGO Complex, Lodi Road,  
New Delhi - 110003  
Dated: 6<sup>th</sup> May, 2020

**ORDER**

In continuation of the sanction order of even number dated 04.09.2018, sanction of the President is hereby accorded towards revision of fellowship from SRF@ Rs. 28000 +30% HRA to Rs. 35000 +24% HRA (01.02.2019 to 03.09.2020) of the R&D project entitled "**Body composition, early growth, and chronic disease risk of school-aged children who were born low birth weight at term**" PI, Dr. GeetaTrilok Kumar, Institute of Home Economics, New Delhi.

2. An additional grant of **Rs. 1.33700 lakhs** was sanctioned under Manpower head and the total project cost would be now **Rs. 59.36217 lakhs**
4. The other terms and conditions of the project will remain unchanged.
5. This issues with the approval of the Competent Authority of the Department of Biotechnology.



(Dr. Anamika Gambhir)  
Director/Scientist 'F'

To,  
The Pay & Accounts Officer,  
Department of Science & Technology,  
New Delhi - 110003

Copy to:

1. The Principal Director of Audit (Scientific Depts.) AGCR Building, IPEstate, New Delhi-110002.
2. Cash Section, DBT (Two Copies).
3. Sanction folder
4. Office copy
5. Dr. GeetaTrilok Kumar, Institute of Home Economics, New Delhi
6. Institute of Home Economics, New Delhi



(Dr. Anamika Gambhir)



No. BT/PR25911/MED/97/384/2017

Government of India  
Ministry of Science & Technology  
Department of Biotechnology

Block No.2, 6-8<sup>th</sup> Floors,  
CGO Complex, Lodi Road,  
New Delhi - 110003

Dated: 19<sup>th</sup> October 2020

**ORDER**

In continuation of the sanction order of even number dated 04.09.2018, sanction of the President is hereby accorded towards extension of the R&D project entitled "**Body composition, early growth and chronic disease risk of school aged children who were born low birth weight at term**" PI ~~from~~ Dr. Geeta Trilok Kumar from Institute of Home Economics (IHE) & Dr. H.P.S. Sachdev from Sitaram Bhartia Institute of Science and Research, New Delhi for a period of seven months upto 03.04.2021 with manpower as per actual.

2. The other terms and conditions of the project will remain unchanged.
3. This issues with the approval of the Competent Authority of the Department of Biotechnology.

To,

The Pay & Accounts Officer,  
Department of Science & Technology,  
New Delhi - 110003

Copy to:

1. The Principal Director of Audit (Scientific Depts.) AGCR Building, IPEstate, New Delhi-110002.
2. Cash Section, DBT (Two Copies).
3. Sanction folder
4. Office copy
5. **Dr. Geeta Trilok Kumar**, Director, Institute of Home Economics (IHE), *New Delhi*
6. **Dr. H.P.S. Sachdev**, Sitaram Bhartia Institute of Science and Research, New Delhi

(Dr. Neha Bansal)

डॉ. नेहा बंसल / Dr. NEHA BANSAL  
वैज्ञानिक 'सी' / Scientist 'C'  
बायोटेक्नोलॉजी विभाग / Department of Biotechnology  
विज्ञान और प्रौद्योगिकी मंत्रालय  
Ministry of Science & Technology  
भारत सरकार / Govt. of India  
सी.जी.ओ. कॉम्प्लेक्स, लोधी रोड, नई दिल्ली-110003  
C.G.O. Complex, Lodhi Road, New Delhi-110003

(Dr. Neha Bansal)

Scientist 'C'

डॉ. नेहा बंसल / Dr. NEHA BANSAL  
वैज्ञानिक 'सी' / Scientist 'C'  
बायोटेक्नोलॉजी विभाग / Department of Biotechnology  
विज्ञान और प्रौद्योगिकी मंत्रालय  
Ministry of Science & Technology  
भारत सरकार / Govt. of India  
सी.जी.ओ. कॉम्प्लेक्स, लोधी रोड, नई दिल्ली-110003  
C.G.O. Complex, Lodhi Road, New Delhi-110003

**Fixed Price Contract**  
**CONTRACT AGREEMENT FOR PROFESSIONAL SERVICES**  
**between**  
**NUTRITION IMPACT SOLUTIONS INC. (NIS)**  
**Registered Office: 32 Swans Way, Gloucester, ON K1J 6H9, Canada**  
**and**  
**Department of Nutrition, Institute of Home Economics,**  
**University of Delhi, F 4, Hauz Khas Enclave**  
**New Delhi- 110016**

**Contract No:** NIS17-18/UD1  
**Title of Project:** Sensory Trials using Multiple Fortified Salts (MFS)  
**Total Cost:** Rs. 6.87,225  
**Effective Date:** September 25, 2018  
**Completion Date:** December 15, 2018

**1) INTRODUCTION AND DESCRIPTION OF THE PROJECT**

Anaemia is a major health problem in India. In the 2005-2006 National Family Health Survey (NFHS-3), a household survey aimed at having national and state representative data on population health and nutrition; the prevalence of anaemia was 70% in children aged 6–59 months, 55% in females aged 15–49 years and 24% in males aged 15–49 years (Uria et al, 2014 and Arnold, 2009). According to NFHS-3, more than half of women in India (55%) have anaemia, including 39% with mild anaemia, 15% with moderate anaemia and 2% with severe anaemia.



The main causes of anaemia are nutritional and infections. Among the nutritional factors contributing to anaemia, the most common one is deficient iron intake. Iron deficiency may also be aggravated by poor nutritional status, especially when it is associated with deficiencies in folic acid, Vitamin A or B12, as is often the case in populations living in developing countries.

Zinc is another nutrient which is proven to be essential to young children during periods of growth. Zinc also helps to prevent against infections.

## **MFS Technology**

Fortification of salt as a vehicle for iron delivery is promising because it engages existing systems for producing and distributing a widely used and affordable food. Recent technological advances—specifically, microencapsulation of ferrous fumarate with a soy stearine coat have resulted in a low-cost formulation of double-fortified salt (DFS) with iron and iodine that prevents the chemical interaction of iodine with iron while maintaining stability in storage under tropical conditions (Hass et al, 2014). The importance of the new formulation of DFS lies essentially in the fact that it is indistinguishable in taste, colour and smell from regular salt (speck like particles of encapsulated ferrous fumarate may be faintly visible but do not deteriorate with time).

The new formulation iron fortification of salt is supported by the Government of India. The Ministry of Women and Child Development has issued a circular promoting the use of DFS in its food programmes. (Letter No 5-4/ 2011 ND / Tech, GOI, MWCD, Mandatory use of double fortified salt in national programmes - ICDS). The Food Safety and Standards Authority of India (FSSAI) have issued a gazette notification that encompasses the new formulation for DFS.

Since folic acid, vitamin B12 and zinc deficiency occur in the same population groups, several variations of the fortified salts (multiple fortified salts – MFS) have been developed as a viable strategy to alleviate these nutritional deficiencies. If acceptable these would be a practical and sustainable solution to the problem of these multiple deficiency states.

This research has been formulated with the objective of studying the sensory acceptability of double-fortified salt (iodine + iron) and multiple nutrient fortified salt (iodine + iron + zinc + folic acid + vitamin B12) as compared to iodized salt when used in food preparations commonly consumed in rural and urban areas of North India .

## **2) DEFINITIONS**

NIS: Nutrition Impact Solutions Inc.

Contractor: Department of Nutrition, Institute of Home Economics,  
University of Delhi, Reader- Seema Puri

Project: MFS PROJECT

### 3) **PROGRAM DESCRIPTION**

#### **3.1 Background**

The objective of this Contract Agreement is to determine consumer acceptability towards the use of the multiple fortified salt in urban Indian households and to evaluate the sensory acceptability of food preparations prepared using this formulation.

[Ethical clearance for the study has been obtained from The Institutional Ethics Committee of Institute of Home Economics]

#### **3.2 Statement of Work**

The Contractor shall perform the tasks as per the Statement of Work described in Attachment A.

#### **3.3 Reporting & Technical Directions**

The NIS Project Manager for this Contract Agreement is Mr. Venkatesh Mannar, President, NIS.

### 4) **PERIOD OF THIS CONTRACT AGREEMENT**

The effective date for this Contract Agreement is September 25, 2018 and the completion date is December 15, 2018.

### 5) **CONTRACT AGREEMENT VALUE**

The total consultancy value of this Contract Agreement is Rs. 6,87,225 (Rupees Six Lacs Eighty Seven Thousand Two Hundred and Twenty Five only). The costs of honorarium, travel, acceptability trials, sensory trials etc. are detailed in the Budget Attachment B. This amount shall be all-inclusive including all taxes, that the contractor shall be required to pay.

### 6) **PAYMENT TERMS**

Payment for this contract shall be made as per the following schedule after necessary deductions as per the Income Tax Act, 1961 and relevant amendments:

- a) 50% upon signing of the contract
- b) 50% upon receipt of a satisfactory final report that fulfills the terms of the contract

### 7) **ADDITIONAL PROVISIONS**

**7.1 Independent Organization:** The Consultant is an independent organisation or person as applicable and shall not claim to be an agent, officer, or employee of NIS and shall not have authority to make any commitments on behalf of NIS, except to the extent that such authority shall be expressly conferred by NIS from time to time in writing.

7.2 Communication with the Funding Agency: All contact, communication and dealings with the Funding Agency and its agent and representatives by the Consultant and of its personnel, consultants, or recipients on matters subject to this Contract Agreement shall be through or approved by NIS.

7.3 Indemnification: Each party shall indemnify and hold the other harmless against losses, claims, liabilities or damages which are sustained as a result of negligent acts, errors or omissions of the other, its employees and agents or for improper performance or nonperformance relating to activities hereunder.

The Parties represent and warrant to each other that each party has the legal right and power to enter into this Contract Agreement.

The Contractor warrants to NIS:

- that the Contractor has the requisite competence to fulfill the obligations under this Contract Agreement, including having the relevant experience, training and/or qualifications and holds the requisite license, permit and/or certificate required by law for the performance of this Contract Agreement.
- that the Contractor shall not either because of any other contract or engagement be precluded from entering into and fulfilling the obligations under this Contract Agreement. The Consultant shall not have any interest, financial or otherwise, direct or indirect, or enter into any commitment with any firm, company or other body with which NIS has or contemplates having business relations, without disclosing the fact in writing to NIS immediately it comes to the Consultant's knowledge that such business relations exist or are contemplated.
- that the Contractor shall observe all applicable health and safety legislations, guidance and codes of practice in force, and shall act in accordance with any instructions in this regard as prescribed by NIS.
- that the Contractor shall use reasonable care, skill and due diligence and perform all obligations under this Contract Agreement in a timely and professional manner.
- that the Contractor shall not render services to any third party which would conflict with the contractor's obligations under this Contract Agreement.
- that the Contractor shall maintain sufficient insurance coverage including but not limited to commercial general liability, automobile liability, professional liability and similar to cover obligations and risks that this Contract Agreement creates.
- that the Contractor shall not engage in any public controversy and/or work on material in a manner liable to prejudice the impartiality of the work contemplated under this Contract Agreement.

7.4 Assignment: The Contractor may not assign or further subcontract any part of the activities described in this Contract Agreement without the prior written consent of NIS. Where such consent is given, it shall not relieve the Contractor of any of its responsibilities under this Contract Agreement.

7.5 Changes: No change in, modifications of, or revisions to this Contract Agreement shall be valid unless in writing and signed by the Authorised Representative of NIS. The Contractor may not change any aspect of this Contract Agreement without NIS's prior written consent.

7.6 Confidentiality: The Contractor shall keep all work and services carried out hereunder entirely confidential, and shall not use, publish, or make known, without NIS's written approval, any information developed by the Contractor or furnished by NIS to any persons other than personnel of the parties to this Contract Agreement. This shall not apply to any information that was in the Contractor's possession prior to the commencement of this Contract Agreement or which is or shall become available to the public in a printed publication.

7.7 Intellectual Property: NIS shall own all the intellectual property rights to all research materials, work products and documents that may arise during the course of this Contract Agreement and/or as a consequence of fulfilling obligations under this Contract Agreement. In case of copyrighted materials created as a result of this Contract Agreement, NIS may at its discretion grant to the Contractor a nonexclusive, royalty-free right to use, publish, reproduce or distribute those materials. In case of other non-copyrighted materials created as a result of this Contract Agreement, the Contractor may use, publish, reproduce or distribute the same subject to prior consent from NIS.

7.8 Termination: NIS shall have the option to terminate this agreement in the event of termination of the Prime Agreement by the Funding Agency for whatever reasons.

NIS shall have the option to terminate this Contract Agreement in the event the Contractor materially breaches any of the terms and conditions set forth herein.

Either party shall have the option to terminate this Contract Agreement if either party fails to perform its obligations under this Contract Agreement and fails to cure any such default in performance within seven days after written notification by the other party thereof.

Either party shall have the option to terminate this Contract Agreement for whatever reasons by giving seven days written notice to the other party.

In the event of termination, the Contractor shall be entitled to receive all payment dues up to the time of termination of this Contract Agreement, including commitments, which cannot be reversed or mitigated. Subject to the above, the Contractor shall return to NIS all excess funds received within 30 days from the date of such termination

7.9 Disputes: All disputes shall in the first instance be resolved jointly by the authorised representatives of NIS and the Contractor. In case the same cannot be so resolved, the same shall either be referred to the joint arbitration of two independent persons with each party naming one of such person or be referred to the Indian Council of Arbitration. The arbitration proceedings shall be conducted in English. Any award made in such arbitration will be final and binding on the Parties.

7.10 Force Majeure: The failure of either party to fulfill any of its obligations herein shall not be considered to be a breach of, or default under this Contract Agreement insofar as this liability arises from an event of Force Majeure, provided that the party affected by such an event takes all reasonable precautions, due care and reasonable alternative measures, all with the objective of carrying out the terms and conditions of this Contract Agreement.

7.11 Governing Law and Jurisdiction: This Contract Agreement shall be governed by the Laws of India and all matters related to this Contract Agreement shall be subject to the jurisdiction of the courts in Delhi.

7.12 Survival: The provisions of this agreement, which by their nature are intended to survive the termination or expiration of this Agreement, including without limitation, the provisions of



Clause 7.3 (Indemnification), Clause 7.6 (Confidentiality), Clause 7.7 (Intellectual Property) and this Clause 7.12 (Survival) shall survive the termination of this Contract Agreement.

## **FINAL AGREEMENT**

This Contract Agreement is the final contract between the parties and all subsequent amendments and/or modifications must be in writing.

For Nutrition Impact Solutions Inc



Name: Venkatesh Mannar  
Designation: President

For the Contractor

Name: Seema Puri  
Designation: Associate Professor  
Dept. of Nutrition,  
Institute of Home Economics,  
University of Delhi

Date: September 25, 2018

## **ATTACHMENT A**

### **STATEMENT OF WORK**

Earlier studies were conducted by us among low/middle income urban populations in Delhi NCR. We have documented over 50 different food preparations that are commonly prepared and consumed by these groups. However, such a data is not available for the rural population and therefore a rapid survey will be conducted in a rural area neighbouring Delhi (Haryana/Rajasthan) to identify the commonly prepared dishes using salt. Around 25 female heads of the selected households will be interviewed for providing a list of food preparations, their methods of preparation etc., that they may have cooked over the last week. Following this a final list of food preparations that consumed by more than 70% of the subjects in both the urban and rural lists will be chosen for the laboratory trials.

Sensory trials will be conducted at the research centre to determine the acceptability of the 3 types of salts in cooked preparations. 20-30 dishes, identified as those which were prepared most commonly the subjects, including snacks, beverages, salads, soups, curries and other main dishes, will be prepared at the research centre under standardized conditions using the three different salt samples. The dishes using salt will be prepared using different cooking styles, temperatures and ingredients. Some will be fried, roasted, boiled and even uncooked. This will help determine how the salt reacts under different cooking conditions. Each dish will be prepared three times and scored by the research team in the laboratory and the mean scores will be determined. Each dish will also be evaluated after storage for 6-24 hours depending upon the storage practices reported by the subjects i.e. room temperature or refrigeration, time kept etc.

Scoring will be done on a five-point Hedonic Scale based on the parameters of appearance, color, taste, texture, mouth feel and overall acceptability which will be rated as being very poor, poor, satisfactory, good and excellent on a scale of 1 to 5 respectively. Each member of the research team will rate the dishes independently on a scoring sheet, wherein confidentiality will be maintained. Order of dishes presented for evaluation will be random and each member will evaluate the dishes in a different order. During the trial there will be no interaction between the evaluators.

The scores for each of the parameters will then be added up and averaged to get an overall mean score for each parameter of the dish prepared using the sample salts. The dishes will then finally be ranked based on their overall acceptability scores.

Finally, a taste panel of 10 -15 semi trained members will be set up to evaluate the preparations. Since it a consumer acceptability trial, 20-30 consumers will be also part of the panel. Blinding of the samples will be done to avoid any bias which might creep in. The dishes will be evaluated on taste, flavour, acceptability etc. A scoring pattern will be adopted for various parameters i.e. colour, texture, appearance, taste and overall acceptability of the cooked dishes.

A sample size of 30 subjects is sufficient to observe a difference in acceptability score of 3 between the with SD of 5 for difference in score between the different salts, with 80% power and 0.025% level of significance (Bonferroni adjusted for two comparisons of double fortified and multiple nutrient fortified salts with the iodized salt.

The responses received will be compiled and analysed. Results will be presented in a brief report.

## Data Analysis

The variables in the study are scoring for colour, texture, appearance, taste and overall acceptability of the cooked dishes. The data analysis will involve two steps: Descriptive statistics and Inferential data analysis.

**Descriptive Statistics:** The distribution of scores will be examined for normality. Normally distributed scores will be summarized using mean and standard deviation. Otherwise they will be reported using median and quartiles. Frequencies and percentages will be provided for individual item rating.

**Inferential data Analysis:** The scores indicating sensory acceptability of Double fortified salt and Quadruple fortified salt will be compared to iodised salt, using Repeated Measures ANOVA if the variables are normally distributed. Alternatively, non-parametric Friedman's test will be performed. Post hoc Bonferroni adjusted tests will be performed for pair wise comparisons if the RMANOVA or Friedman's test show statistical significance. If the analysis is statistically significant, post-hoc test will be done with Bonferroni adjustment. The score on each preparation by each assessor will be classified as acceptable if the score is  $>3$  and not acceptable if the score is  $\leq 3$ . The classified score by each assessor will be compared between iodised salt and each of DFS and QFS using Mc Nemar's Chi square test for concordance in acceptability of the dishes prepared with different salts. Statistical significance will be considered at p- values below 0.05.

## Time Line

Duration 12 weeks

Activity	Month 1	Month 2	Month 3
Recruitment of staff, tools, sample finalization	XX		
Baseline survey	X		
Lab trials	XX	XXXX	
Sensory trial		X	
Data entry, analysis		XX	XX
Report writing			XXXX

The responses received will be compiled and analyzed. Results will be presented in a brief report.



**ATTACHMENT B****BUDGET**

<b>S. No</b>	<b>Component</b>	<b>Amount (INR)</b>
1.	<b>Equipment</b>	50,000
2.	<b>Salaries</b> Research Associates 2 @35000 pm Project Attendant 1 @ 15,000 pm <b>Honorariums</b> Investigators	2,10,000 45,000 90,000
3	<b>Travel</b>	20,000
4.	<b>Cost of Preparation of Salt Samples, Packing and Shipping</b>	10,000
5.	<b>Cooking laboratory trials</b> - ingredients, disposables, honorarium to panelists and helpers.	1,25,000
6.	<b>Photocopying, stationery and office consumables</b>	25,000
7.	Statistical Analysis, Report formulation	20,000
8.	Contingency – 5 %	29,750
9.	Institutional Charges – 10%	62,475
	<b>Total</b>	6,87,225



## FINAL AGREEMENT

This Contract Agreement is the final contract between the parties and all subsequent amendments and/or modifications must be in writing.

For Nutrition Impact Solutions Inc



Name: Mr. Venkatesh Mannar  
Designation: President

For the Contractor



Name: Dr. Geeta T. Kumar  
Designation: Director  
Institute of Home Economics,  
University of Delhi



Name: Dr. Seema Puri  
Designation: Associate Professor  
Dept. of Nutrition,  
Institute of Home Economics,  
University of Delhi

Date: September 25, 2018



# Biotechnology Industry Research Assistance Council

(A Government of India Enterprise)

Ref: BIRAC/PMU/2016/HBGDKi/5

Dated: 23<sup>rd</sup> May 2019

## Payment Order for Agreement Letter for Data Set Alignment

**Subject:** Release for sanctioned 'Agreement Letter for Data Set Alignment' for sharing the 'Limited Data Set' arising from trials/ surveys/ studies for "Healthy Birth, Growth and Development knowledge integration (HBGDki) Initiative" to be implemented by the HBGDKi dataset provider, Dr. Geeta Trilok Kumar, of the HBGDKi Collaborator Institute, Institute of Home Economics, University of New Delhi.

In continuation of BIRAC's sanction Order number BIRAC/PMU/2016/HBGDKi/5 dated 3<sup>rd</sup> March 2017, approval of the competent authority of BIRAC is hereby accorded for release of payment towards the sharing of Limited Data Set amounting to Rs 5,45,000.00 (Rupees Five Lakhs Forty Five thousand only), subject to TDS at 2%, under Grand Challenges India in terms of the present Agreement Letter for Data Set Alignment' ("ALDSA").

### 1. Periodic Payment/ Release Arrangements of Initiative Based on sharing of Data Access Agreement

S. No.	HBGDki Collaborator Institute and HBGDKi data set provider	Amount in INR	Amount in word
1.	Institute of Home Economics, University of New Delhi Dr. Geeta Trilok Kumar	5,45,000	Rupees Five Lakhs Forty Five Thousand Only
2.	Less TDS 2% on II <sup>nd</sup> Installment	10,900	Rupees Ten Thousand Nine Hundred Only
3.	Net release amount	5,34,100	Rupees Five Lakhs Thirty Four Thousand One Hundred Only

2. The payment amounting of 5,34,100.00 (Rupees Five Lakhs Thirty Four Thousand One Hundred Only) after TDS deduction of Rs. 10,900.00 (Ten Thousand Nine Hundred Only) is the second installment towards the "Agreement Letter for Data Set Alignment" for the implementation of the activities under Data Access Agreement dated 1 November 2016 under Healthy Birth, Growth and Development knowledge integration (HBGDki) Initiative.

3. State Bank of India is separately instructed to credit the amount of Rs 5,34,100.00 (Rupees Five Lakh Thirty Four Thousand One Hundred Only) to the institute, the details of which are as under:

FCRA Registration Number	075980003
Nature	Educational
Name as in Bank Records	Director, Institute of Home Economics
Bank Branch Name	State Bank of India, Hauz Khas Market
Bank Branch Address	State Bank of India, Hauz Khas Market, New Delhi

File Ref. No. BIRAC/PMU/2016/HBGDKi-5

Dated: 30th May, 2019

**BANKINSTRUCTION/BMGF/May/28**

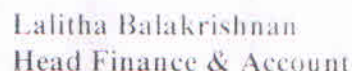
State Bank of India is hereby instructed/authorised to transfer a sum of Rs. **5,34,100/-** (Rupees Five Lakhs Thirty-Four Thousand One Hundred Only) from BIRAC's State Bank of India Saving Account Number **62245256282** to the bank accounts as mentioned under:

Name of the Account Holder	Director, Institute of Home Economics. ✓
Name of the Bank	STATE BANK OF INDIA ✓
Address of the Bank	Hauz Khas Market, New Delhi
Account	65043176641 ✓
IFSC Code No.	SBIN0050226
Amount (in Rs.)	<b>5,34,100/-</b>

For Biotechnology Industry Research Assistance Council



Dr. Mohd. Aslam Authorised Signatory  
Managing Director

  
Lalitha Balakrishnan  
Head Finance & Account

Copy to:

1. The Branch Manager, State Bank of India, SCOPE Complex, Lodhi Road, New Delhi - 110003.
2. Accounts Folder.

RECEIVED AFTER 4 P.M.





**World Health  
Organization**

**COVERING LETTER  
LETTRE D'ACCOMPAGNEMENT**

GLOBAL  
PROCUREMENT AND  
LOGISTICS  
Block 3510  
Jalan Teknokrat 6  
63000 Cyberjaya  
MALAYSIA  
[gsc-procurement@who.int](mailto:gsc-procurement@who.int)

WHO Reference/ Référence OMS

WHO Registration 2019/939098-0  
Purchase Order 202347554  
Unit Reference

Dr Geeta Trilok Kumar  
INSTITUTE OF HOME ECONOMICS  
NEWDELHI  
F4 Hauz Khas Enclave  
New Delhi  
110016  
India

## **AGREEMENT FOR PERFORMANCE OF WORK (APW)**

**Re: For carrying out Assessment of Commercial Complementary Foods in South -East Asia (SEAR); Literature review, data collection and analysis from India**

We are enclosing the Agreement for Performance of Work between the World Health Organization and INSTITUTE OF HOME ECONOMICS, NEWDELHI, in the amount of INR 598,500.00 (Five Hundred Ninety-Eight Thousand Five Hundred), for conducting the above-mentioned work. We also enclosed one attachment(s) referenced in the Agreement.

Kindly acknowledge your acceptance of this contract by returning the email with a copy of duly signed Purchase Order (all pages).

For any technical questions relating to this Agreement, please contact the responsible technical officer, Padmini Angela DE SILVA, +94112555653, [desilvap@who.int](mailto:desilvap@who.int).

### **Invoicing Instructions for Contractors who are legal entities (Company Contractors):**

Invoices must be sent via email to [accountspayable@who.int](mailto:accountspayable@who.int). Other than invoices, please do not send any enquiry to this email address. You may contact the above responsible technical officer for enquiries.

In order to ensure timely and accurate payment, invoices must include:

- Invoice number
- Purchase Order number against each invoice line;
- Invoice descriptions matching with PO descriptions
- Invoice currency same as the Purchase Order Currency also corresponding with the currency of the bank account provided by WHO;
- Supplier name as in the PO

Invoices shall be clearly readable and stamps or any other additional markings should not obscure the original invoice content. Invoices shall not be handwritten.

On behalf of the World Health Organization, we would like to thank you for your collaboration.

WHO Global Service Centre

cc: WHO India

**Concerne: For carrying out Assessment of Commercial Complementary Foods in South -East Asia (SEAR); Literature review, data collection and analysis from India**

Veuillez trouver ci-joint l'Accord pour Exécution de Travaux entre l'Organisation Mondiale de la Santé et INSTITUTE OF HOME ECONOMICS, NEWDELHI, pour un montant de INR 598,500.00, vous permettant de mener à bien le travail susmentionné. Veuillez également trouver 1 pièce(s) jointe(s) mentionnée(s) dans l'Accord.

Merci de confirmer votre acceptation de ce contrat en nous retournant le courriel et une copie dûment signée du Bon de Commande (complet)

**Duration**



Four months between the time period 19 August 2019- 19 December 2019.

**Estimated budget**

	Details	Amount (INR)
Euromonitor baby food data		70,000
Salaries and Honorarium		
• 2 Research associates	Rs 35000pm x2x 4 months	2,80,000
• Lead Investigator -honorarium		60,000
• Honorarium for support functions	Rs 15,000pm x 4 months	50,000
Equipment hiring charges		30,000
Conveyance	local	30,000
Stationery, photocopying, printing, pictorials etc		50,000
Miscellaneous	5% of total	28,500
	Total	5,98,500

**Payment schedule**

Installment	(%)	Payable on
1	50%	Upon signing of APW on 19 August 2019
2	50%	Upon submission of the final report on or before 19 December 2019 and financial statements supported by invoices

Signature:		Signature:	
Name and Title:	Dr Thaksaphon Thamarangsi Director Department of Noncommunicable Diseases and Environmental Health (NDE) for Regional Director	Name and Title:	Dr Geeta Trilok Kumar Director Institute of Home Economics University of Delhi <i>Dr. Geeta Trilok-Kumar Director Institute of Home Economics (University of Delhi) F-4, Hauz Khas Enclave New Delhi 110016</i>
Date:	12 Aug 2019	Date:	22/8/2019



Email id: [dcpcr@hotmail.com](mailto:dcpcr@hotmail.com)

**DELHI COMMISSION FOR PROTECTION OF CHILD RIGHTS**

Govt. of NCT of Delhi

5<sup>th</sup> Floor, ISBT Building, Kashmere Gate, Delhi-110006

(Ph:011-23862685, Fax:011-23862684)

Ref. No. F/DCPCR/18-19/H & N/Project file 1/7/77


Date: 24.09.2019

**WORK ORDER**

**Dr. Seema Puri**  
Associate Professor,  
Deptt. of Nutrition  
Institute of Home Economics  
University of Delhi  
F4, Hauz Khas Enclave,  
New Delhi-110016

The proposal submitted by Associate Professor, Deptt. of Nutrition, Institute of Home Economics, University of Delhi regarding Basic Hygiene Campaign for primary children in Delhi has been approved by the Competent Authority. The time line for completing the study shall be four months from the day of award of work. An amount of Rs. 3.42 lakhs has been approved for the study.

This has the approval of Chairperson, DCPCR


  
(Rakesh Bhatnagar)  
Member Secretary

## Budget

Sr. No.	Budget Head	Amount	Total
1.	<b>Personnel</b>		
1.1	Research Coordinator(s)	30,000 pm* 1 coordinator X 4 months 10,000 pm* 1 coordinator X 4 months	1,60,000
1.2	Content creator	40,000	40,000
2.	<b>Travel expenses -</b> conveyance to research staff, faculty, field-work, interns etc.	8,000/- per month* 4 months	32,000
3.	<b>Meetings</b> with partner organizations, schoolteachers, parents		5,000
4.	<b>Office Supplies/Stationery</b>	20,000	20,000
5.	<b>Documentation and Dissemination</b>		
5.1	Printing	Soft copy to be shared with DCPCR	Printing cost to be borne by DCPCR
5.2	Data Analysis & Report	15,000	15,000
5.3	Final Report	Soft copy to be shared with DCPCR	Printing cost to be borne by DCPCR
6.	<b>Materials to be used in workshops - (puppets, blow up stories, hygiene kits)</b>	30,000	30,000
7.	<b>Contingency</b>	10,000	10,000
8.	<b>Institutional charges</b>	@10% of overall budget expenditure	30,000
	<b>Total</b>		<b>3,42,000</b>

Name: KANTANA PRASAD  
Designation: Member-DCPCR

Delhi Commission for  
Protection of Child Rights

Name:   
Designation:

Institute of Home Economics,  
University of Delhi





Revathy Vishwanath  
Deputy Director  
RP Division Incharge  
Tel #011-26716690  
[www.icssr.org](http://www.icssr.org)  
E-mail: [mmp2016rpr@gmail.com](mailto:mmp2016rpr@gmail.com)

Indian Council of Social Science Research  
(Ministry of Human Resource Development)  
JNU Institutional Area, Aruna Asaf Ali Marg  
New Delhi – 110067  
Website:

**SANCTION ORDER**

F.No. 02/01/2019-20/MJ/RP

Dated: 24-12-2019

The Director,  
Institute of Home Economics,  
University of Delhi, Hauz Khas,  
New Delhi-110016

Subject: Sanction of Major Research Project entitled "Examining Exclusion on community Schools Axis: An Ethnographic Study of Lower Class Urban Settlement in South Delhi" to Dr. Ruchira Das.

Dear Sir,

1. The Indian Council of Social Science Research (ICSSR) considered the above major research project submitted by Dr. Ruchira Das, Institute of Home Economics, University of Delhi, New Delhi-110016. Co-Project Directors of the study are: 1. Jyoti Dala, Assistant Professor, Institute of Home Economics, New Delhi-110016, 2. Chetan Anand, Assistant Professor, TISS, Mumbai, Maharashtra-400088.
2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.

3. The ICSSR has sanctioned a grant-in-aid of Rs. 09,16,000/- (Rupees Nine lakhs and sixteen thousand only) for the above research project and the grant will be released as follows:

First instalment	:Rs.3,66,400/-
Second instalment	:Rs.2,74,800/-
Third instalment	:Rs.1,83,200/-
Fourth Instalment	:Rs. 45800/-
Publication cost*	:Rs. 45800/-
<b>Total</b>	<b>:Rs.09,16,000/-</b>
Overhead charges over and above 7.5% or maximum Rs.1,00,000	: Rs. 68,700/-**

\* ICSSR would publish it subject to recommendation by the expert and relevant Committees for the purpose, from the overall budget, so to be retained by the ICSSR.

\*\* will be released on successful completion of project after evaluation.

(The break-up budget approved by the ICSSR of Rs.09,16,000/- is enclosed.)

Project  
Accts  
Ruchira

No:TFD/HO/MD/2019-20/584/ 5728

Dated: 16<sup>th</sup> March, 2020

Dr. Geeta Trilok-Kumar  
Director  
Institute of Home Economics  
University of Delhi  
F-4, Hauz Khas Enclave  
Near Hauz Khas Metro Station  
New Delhi-110016

Subject: Training of sales staff for retail outlet at Tribes India during 16<sup>th</sup> March, 2020 to 24<sup>th</sup> March, 2020 – reg.

Madam,

Kindly refer to email dated 25.2.2020 received from your esteemed institution vide which a proposal for training of sales/ marketing staff of our retail outlets of TRIBES India and Regional Managers was submitted. In this regard, it is to inform that the proposal of Institute of Home Economics has been approved. The schedule of trainings as finalized are as follows:

Sl. No.	Batch	Schedule
1	1 <sup>st</sup>	16 <sup>th</sup> - 17 <sup>th</sup> March, 2020
2	2 <sup>nd</sup>	19 <sup>th</sup> - 20 <sup>th</sup> March, 2020
3	3 <sup>rd</sup>	23 <sup>rd</sup> - 24 <sup>th</sup> March, 2020

Further, the total cost of Rs.4.29 lakhs has been approved by the Competent Authority for providing the training, which will be released after successful completion of the training. The activity/head-wise details of the approved cost are given below:

Sl. No.	Activity/Head	Amount (Rs)
1	Teachers' honorarium	3,00,000
2	Research Assistant	20,000
3	Travel	15,000
4	Stationary and printing	15,000
5	Laser printer	14,000
6	Contingency	15,000
7	Institutional charges	50,000
	Total	4,29,000

Venue arrangements and hospitality during the training programme shall be provided by TRIFED. You are requested to send us a line of confirmation for acceptance for undertaking the training programme so that necessary arrangements can be made at our end.

Yours faithfully,

  
(Sangeeta Mahendra)  
Executive Director (I/c)

पंजीकृत कार्यालय : एन.सी.यू.आई. बिल्डिंग, दूसरी मंजिल, 3, सीरी इन्स्टीट्यूशनल एरिया, अगस्त क्रान्ति मार्ग, नई दिल्ली-110016

Regd. Office : N.C.U.I. Building, IInd Floor, 3, Siri Institutional Area, August Kranti Marg, New Delhi-110016

दूरभाष/ Tel. : 091 (11) 26569064/26968247 फैक्स/ Fax : 091 (11) 26866149

ई-मेल/ E-Mail : trifed@rediffmail.com वेबसाइट/ Website : www.tribesindia.com







World Health  
Organization

COVERING LETTER  
LETTRE D'ACCOMPAGNEMENT

GLOBAL  
PROCUREMENT AND  
LOGISTICS

Global Service Centre  
Block 3510  
Jalan Teknokrat 6  
63000 Cyberjaya  
MALAYSIA

[procurement@who.int](mailto:procurement@who.int)

WHO Reference/ Référence OMS

WHO Registration	2020/1005623-1
Purchase Order	202533279-1
Unit Reference	MCH/WCO

DR. Geeta Trilok Kumar  
INSTITUTE OF HOME ECONOMICS  
NEWDELHI  
F4 Hauz Khas Enclave  
New Delhi  
110016  
India

AGREEMENT FOR PERFORMANCE OF WORK (APW)

**Re: Institute of Home Economics - Developing case studies on development of regulations for Promoting Health Diets in India, 15 April - 14 August 2020.**

We are enclosing the Agreement for Performance of Work between the World Health Organization and INSTITUTE OF HOME ECONOMICS, NEWDELHI, in the amount of INR 365,750.00 (Three Hundred Sixty-Five Thousand Seven Hundred Fifty), for conducting the above-mentioned work. We also enclosed three attachment(s) referenced in the Agreement.

Kindly acknowledge your acceptance of this contract by returning the email with a copy of duly signed Purchase Order (all pages).

For any technical questions relating to this Agreement, please contact the responsible technical officer, Rachita GUPTA, +91.011.9810877935, [guptarac@who.int](mailto:guptarac@who.int).

**Invoicing Instructions for Contractors who are legal entities (Company Contractors):**

Invoices must be sent via email to [accountspayable@who.int](mailto:accountspayable@who.int). Other than invoices, please do not send any enquiry to this email address. You may contact the above responsible technical officer for enquiries.

In order to ensure timely and accurate payment, invoices must include:

- Invoice number
- Purchase Order number against each invoice line;
- Invoice descriptions matching with PO descriptions
- Invoice currency same as the Purchase Order Currency also corresponding with the currency of the bank account provided to WHO;
- Supplier name as in the PO

Invoices shall be clearly readable and stamps or any other additional markings should not obscure the original invoice content. Invoice shall not be handwritten.

On behalf of the World Health Organization, we would like to thank you for your collaboration.

WHO Global Service Cent

cc: WHO India

**Concerne: Institute of Home Economics - Developing case studies on development of regulations for Promoting Healthy Diets in India, 15 April - 14 August 2020.**

Veuillez trouver ci-joint l'Accord pour Exécution de Travaux entre l'Organisation Mondiale de la Santé et INSTITUTE OF HOME ECONOMICS, NEWDELHI, pour un montant de INR 365,750.00, vous permettant de mener à bien le travail susmentionné. Veuillez également trouver 3 pièce(s) jointe(s) mentionnée(s) dans l'Accord.

Merci de confirmer votre acceptation de ce contrat en nous retournant le courriel et une copie dûment signée du Bon de Commande (complet)



Agreement for Performance of Work (APW)  
BUDGET SHEET

ime of s tivity:	Developing case studies on development of regulations for Promoting Healthy Diets in India, 15 April to 14 August 2020					
Sl.No.	Particulars	Quantity	Units (months)	Rate (INR)	Approved Budget (in INR)	Actual expenditure*
1	Professional fee					
a)	Principal Investigator @ INR 75,000 x 1 no. x 2 months	1	2	75,000	150,000	
b)	Research Associate @ INR 40,000 x 2 nos. x 2 months	2	2	40,000	160,000	
	Sub-total (1)				310,000	
2	Printing of study tools, informed consents and protocols				2,500	
3	Local travel for interviews				10,000	
	Office expenses including stationery, computer, communication, printing and photocopying				10,000	
	Sub-total (1+2+3+4)				332,500	
5	Institutional overheads***** @ 10% on actuals				33,250	
	Grand Total				365,750	
INR Three hundred sixty five thousand seven hundred fifty only						
1	*All expenses to be claimed as per actuals within the approved budget.					
2	*****Institutional overheads @ 10% to be paid on actual expenditure incurred by the contractual partner.					
3	Supporting financial documents must be retained for a period of at least five years from the end date of the activity and be made available for inspection by WHO and/or it's authorized representatives upon request.					
4	Unspent balance, if any, to be immediately refunded to WHO.					

For Contractual Partner

Signature : 

Name &amp; Title : \_\_\_\_\_

Date : \_\_\_\_\_





# World Health Organization

## AGREEMENT FOR PERFORMANCE OF WORK ACCORD POUR EXECUTION DE TRAVAUX

### GLOBAL PROCUREMENT AND LOGISTICS

Global Service Centre  
Block 3510  
Jalan Teknokrat 6  
63000 Cyberjaya  
MALAYSIA  
[procurement@who.int](mailto:procurement@who.int)

### WHO Reference/ Référence OMS

WHO Registration 2020/1005623-1  
Purchase Order 202533279-1  
Unit Reference MCH/WCO

The WORLD HEALTH ORGANIZATION hereby agrees to provide to  
L'ORGANISATION MONDIALE DE LA SANTÉ s'engage par la présente à fournir à  
INSTITUTE OF HOME ECONOMICS  
NEWDELHI  
Director  
New Delhi  
INDIA

The Maximum amount of/Un montant Maximum de: INR 365,750.00 (Three Hundred Sixty-Five Thousand Seven Hundred Fifty) in  
respect of/en vue de: Institute of Home Economics - Developing case studies on development of regulations for Promoting Healthy I  
in India, 15 April - 14 August 2020.

For the period financed by this Agreement  
Période du projet financée par le présent Accord

From/De: 15-APR-2020  
To/A: 14-AUG-2020

### Summary of work/ Description sommaire des travaux:

Description of work under this Agreement/ Description des travaux faisant l'objet du présent Accord:

Institute of Home Economics - Developing case studies on development of regulations for Promoting Healthy Diets in  
India, 15 April - 14 August 2020, as per Terms of Reference at Annex-1 and within the stipulated budget at Annex-2.  
Both these Annexes form an integral part of this agreement.

During the course of the contract and on its conclusion, the contractual partner shall ensure to submit the stipulated  
deliverables mentioned under "Financial arrangements".

### Financial arrangements/ Dispositions financières:

Payments will be made as follows/Les versements seront effectués comme suit:

	Deliverable/ Résultat	Due date/ Date remise	%	Currency amount/ Montant en devise
				0.00
1	Upon submission of countersigned contract	15-APR-2020	0.00	91,437.50
2	Upon submission of developed questionnaire	20-APR-2020	25.00	91,437.50
3	Upon submission of filled in questionnaires along with transcripts of the interviews with key informants.	31-MAY-2020	25.00	182,875.00
4	Upon submission of final certified statement of expenditure.	14-AUG-2020	50.00	0.00
5	Upon submission of final case studies after incorporating comments from WHO India.	14-AUG-2020	0.00	

### Annexes

The following annexes form an integral part of this Agreement/ Les annexes listées ci-dessous font partie intégrante de l'Accord:

Annex/Annexes	File Name/ Nom du fichier
1	2020/1005623   Contractual - Terms of Reference
2	2020/1005623   Contractual - Budget Breakdown
3	2020/1005623   Contractual - Terms of Reference

### AGREEMENT FOR PERFORMANCE OF WORK

Sensitivity: Internal & Restricted

## Fwd: budget

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From: Geeta Trilok-Kumar (geetatrilokkumar@gmail.com)  
To: bani.aeri@ihe.du.ac.in; parveen.pannu@ihe.du.ac.in; nidhi.gulati@ihe.du.ac.in  
Date: Thursday, 30 June, 2022 at 10:12 am IST

---

Prof (Dr) Geeta Trilok-Kumar  
Director  
Institute of Home Economics, Delhi University  
**Wellcome Trust - DBT Senior Fellow in Public Health**

----- Forwarded message -----

From: **Kati Rowell** <[Kati.Rowell@lshtm.ac.uk](mailto:Kati.Rowell@lshtm.ac.uk)>  
Date: Tue, Mar 15, 2022 at 9:20 PM  
Subject: RE: budget  
To: [geetatrilokkumar@gmail.com](mailto:geetatrilokkumar@gmail.com) <[geetatrilokkumar@gmail.com](mailto:geetatrilokkumar@gmail.com)>, Suzanne Filteau  
<[Suzanne.Filteau@lshtm.ac.uk](mailto:Suzanne.Filteau@lshtm.ac.uk)>

Dear Geeta

The total budget is drastically cut after the COVID related cut down and the current available India-budget for the 3 years is now:

Delhi	Total	£157,481.10
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This can include what overhead rate. It is currently 10% in budget in the current agreement.

The next step will be to finalise a budget and have an amendment to the contract agreed with a new end date and payment schedule.

Thanks

Kati

\*\*\* This message originated outside LSHTM \*\*\*

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**From:** Nutrition GlobalHealth <[NutritionandGlobalHealth@mrc.ukri.org](mailto:NutritionandGlobalHealth@mrc.ukri.org)>  
**Sent:** 05 June 2020 15:22  
**To:** Suzanne Filteau <[Suzanne.Filteau@lshtm.ac.uk](mailto:Suzanne.Filteau@lshtm.ac.uk)>  
**Cc:** Nutrition GlobalHealth <[NutritionandGlobalHealth@mrc.ukri.org](mailto:NutritionandGlobalHealth@mrc.ukri.org)>  
**Subject:** OFFICIAL: MRC Global Health Nutrition - Full Stage Application Feedback - MR/V000578/1 (Filteau)

**OFFICIAL:**

Dear Professor Filteau,

***Re: Long-term health after Severe Acute Malnutrition in children and adults: the role of the Pancreas - SAMPA***

***MRC Reference: MR/V000578/1***

***MRC Call: Understanding the mechanistic links between nutrition and NCDs in LMICs***

As you are aware, your full proposal has been selected for Award.

As promised, we are now writing to provide you with further details. I apologise for the delay which has been longer than we originally anticipated. You can find the full feedback attached to this email.

We were provided with detailed comments for your proposal, and, where possible, included these in the main feedback; the remainder have been collated into a separate sheet (see attached), as we thought that you might find it useful to see these.

As you will see from the main feedback, you will need to submit a letter to confirm that you are willing and able to reshape your plans as requested, and also to respond to the ethics points raised.

Once we receive your letter, and have approval from the Panel Chair, we can prepare your award and will be contact you about further details, as necessary. Your feedback will be sent to you via the Je-S system and an Award Letter will be prepared only once sign-off has been received.

You may recall that for this competition there was a tight window for beginning the award. However, in the current circumstances we are aware that the coronavirus pandemic is likely to lead to delays. We would be grateful if you could consult colleagues and provide an indication of the earliest possible new starting date when submitting the amendments requested above.

This email has only been sent to you as the Principal Investigator and we would be grateful if you would share this information with your Co-Investigators and other key parties.

Thank you for your continued patience.

With kind regards,  
**Karen**

Dr Karen Finney PhD  
Programme Manager: Nutrition and Gastroenterology

Medical Research Council London  
[karen.finney@mrc.ukri.org](mailto:karen.finney@mrc.ukri.org)  
[mrc.ukri.org](http://mrc.ukri.org)



DRAFT

To

**Dr. Bani Tamber Aeri**  
Assistant Professor,  
Department of Food and Nutrition,  
Institute of Home Economics (DU)  
New Delhi

**Dear Madam,**

**Sub: Letter of Agreement on the topic Association of Depression and Anxiety with Nutrient Intake across the Lifespan: A Systematic Review of Epidemiological Studies**

---

ILSI India has undertaken to sponsor “Association of Depression and Anxiety with Nutrient Intake across the Lifespan: A Systematic Review of Epidemiological Studies” under its research program.

Under this project information will be collected on the following:

- Prevalence of depression and anxiety in various age groups
- association of nutrition with depression and anxiety among all age groups.
- dietary interventions (doses and recommended amounts of nutrients) investigating mental health outcomes
- It will also highlight the association of low quality diets and poor dietary patterns with mental health outcomes.
- It will exemplify the bidirectional relationship between nutrition and mental health.
- It will fill the knowledge gaps and add to the growing field of nutritional neuroscience.

This is Letter of Agreement ( herein after referred as “Agreement Letter” ) to confirm the mutual agreement entered between Dr. Bani Tamber Aeri, Assistant Professor, Department of Food and Nutrition, Institute of Home Economics (DU (herein after called Principal Investigator –PI) and ILSI India having its office at C-39, UGC, Lajpat Nagar -3, New Delhi - 110024. ILSI India assigns the conduct and completion of the project to the PI.

It is hereby agreed between ILSI India and the PI as follows:

**I-Scope of Work**

1. The total responsibility for conduct and completion of the project will be within a period of 2 months. The project shall commence from an effective date of March 16 and shall be completed by May 16, 2021 or before that.
2. The project will be conducted as per the Protocol attached to this Agreement Letter. ***(Appendix –I). ATTACH PROTOCOL***
3. The PI will be independent. ILSI India will not be responsible for permission/sanction from any authorities for work related to the project.

## DRAFT

4. The PI shall be responsible for other co-authors.
5. From time to time the PI will keep ILSI India informed about the progress.
6. The PI will comply with and be responsible for undertaking the project and submit the final Report to ILSI India.
7. The Report will be the property of ILSI India.
8. It will be the responsibility of the PI to submit articles to recognized national/regional/international journals for publication with prior knowledge and consent from ILSI India. Costs of publication, if any, will be borne by ILSI India.
9. The PI will acknowledge ILSI India in all articles and associated work and any presentation/s made based on this project.
10. In keeping with ILSI / ILSI India policy on scientific integrity the author/s should provide conflict of interest statement to ILSI India prior to signing this Agreement. The author/s are also required to comply with conflict of interest policy of the organization / institution / journal where they work.
11. The research design and research work will be under the control of the PI. Further details are given in *Appendix –A*.
12. ILSI India will not be responsible for any liabilities that may arise while conducting the project.

## **II- Disbursement Of Funds/ Project Funding**

13. ILSI India will allocate a total budget of INR 50,000 (Fifty Thousand) for the implementation of the project assigned to the PI.
14. Part of the funds INR 33,000 will be provide to the PI upon signing of Letter of Agreement in the first stage.
15. The final installment of INR 17,000 will be given to the PI upon submission of final Report to ILSI India in two months time after commencement of the Project on March --  
---2021.
16. ILSI India will not be responsible for making any payments beyond budgeted expenses.
17. The PI shall be responsible for any expenses related to hiring of research assistant for the project.
18. The PI shall provide the PAN Card Number and TDS exemption certificate if any. If TDS exemption is not available 2% TDS will be deducted from payments made.

DRAFT

### **III- Code Of Conduct**

19. The PI shall keep in strict confidence scientific and other information related to the project till the Project is completed.
20. The PI may utilize the services of other experts/assistants for the conduct of the project. Such experts/assistants will not have any contractual relation with ILSI India. They will be exclusively responsible to the PI.
21. PI and other relevant employees will not perform any similar activity for any party that substantially hinders or delays the conduct of work under this Agreement Letter.
22. The relation between ILSI India and PI is contractual business relation and not one of employer and employee.

### **IV-Maintenance of Accounts**

23. ILSI India will maintain proper accounts of income and expenditure for this project.
24. The PI will maintain record for receipt and disbursal of the project funds.
25. The PI should provide the Account / Bank Details for disbursing Project Funds and provide Receipts and Vouchers for expenses incurred and funds received.


### **V- Force Majeure**

26. If either party hereto is temporarily unable to meet any of its obligations under this agreement, by reason of an event constituting force majeure, the obligation of the party affected shall be suspended until such time as the event of force majeure shall have ceased.

### **VI - Final Provisions**

27. This Agreement shall take effect immediately upon signing by ILSI India and PI. The project shall be completed within 9 months but can be extended if the need arises.
28. It is mutually agreed that this Agreement and **Appendix -I** will not be modified except by written amendment executed by ILSI India and the PI.

Acknowledged, agreed to and accepted:

<b>Prof. P K Seth</b> Chairman ILSI India	
<b>Ms. Rekha Sinha</b> Executive Director, ILSI India	 <b>Dr. Bani Tamber Aeri</b> Principal Investigator 12/03/2021

**Dr. BANI TAMBER AERI**  
Assistant Professor  
Department of Food and Nutrition  
Institute of Home Economics  
University of Delhi

**DRAFT**

Date: March 12, 2021.

A handwritten signature in blue ink, appearing to be "S. J. ...", written in a cursive style.