



Utkal University
Bhubaneswar 751004, Odisha

3.2.1. Extramural funding for Research (Grants sponsored by non-government sources such as industry, corporate houses, international bodies for research projects), endowments, Chairs in the University during the last five years (INR in Lakhs)

Desired Link:

<https://utkaluniversity.ac.in/criterion-3-research-innovations-and-extension/>



ODISHA CONSUMERS CO-OPERATIVE FEDERATION LIMITED

Under administrative Control of R.C.S. Govt. of Odisha Regd. No.-43KH/DI. 03.03.1965

BHANJAPRABHA ID MARKET BRANCH

11-65, Indradhanu Market, IRC Village, Nayapalli, Bhubaneswar - 751015

Ref No.:

Date: 03/05/2020

Date: 23/2/2020

To,
The Centre Head,
Centre for Agri Management,
Utkal University,
BHUBANESWAR - 751004.

Ref.: Approval of "Bhanja-Prabha" by the Directorate of Horticulture for Adoption and Certification of Organic Farming vide their letter no. : 2422 dated. 04.03.2020

Sub.: Award of the work

Dear Sir,

We make reference of your proposal and subsequent presentation made by you to the DOH for the work of Adoption and Certification of Organic Farming, and are pleased to inform you that the above mentioned work in 250 hectares of land has been approved by the Directorate of Horticulture Odisha, Bhubaneswar vide their letter 2422 dated 04.03.2020 for implementation of the Organic farming as per the details, given below :-

- 01) Name of the work: Adoption and Certification of Organic farming.
- 02) Area Allotted : 100 hectares in Keonjhar District and 150 Hectares in Ganapati District of Odisha.

You are required to do the needful in this regard and mobilize manpower for an early & timely implementation of the project, as needed by the department. Please note that the payment shall be released to you on a back-to-back basis i.e. after receipt of the same from the Directorate of Horticulture

- 03) Implementation : Will be done by you as per the project guidelines of DOH, Odisha
- 04) Payment and other modalities : Payment shall be released to you on a Back-to-Back basis i.e. receipt from the Directorate of Horticulture, after deducting Bhanja Prabha's administrative expenses of 2%.

You will deposit security money amount as will be calculated by the concern DDH the time of MOU.

Thanking you

Yours faithfully

Yours faithfully

Signature
Bhanja Prabha
11, Market Branch
Bhubaneswar

GSTN: 21AAAAO0683L1ZO



Email: bhanjaprabha.idmarket@gmail.com

ODISHA CONSUMERS' CO-OPERATIVE FEDERATION LIMITED

Under administrative Control of R.C.S. Govt. of Odisha Regd. No-43KH/Dt.03.03.1965

BHANJAPRABHA ID MARKET BRANCH

FF-65, Indradhanu Market, IRC Village, Nayapalli, Bhubaeswar-751015

Ref. No. OCCF/BPID/261/20-21 Date 25.01.21

To,
The Centre Head,
Centre For Agri-Management
Utkal University
Bhubaneswar-751004

Ref. Approval for adoption and Certification of Organic Farming by the Directorate of horticulture.

Sub.: Award of the work

Dear Sir,

We make reference of your proposal and subsequent presentation made by your organisation, we are pleased to inform you that the above mentioned work in 700 hectares of land in addition to 250 hectares (reference to OCCF.57/2020-21, dated 28th May, 2020) has been approved by the Directorate of Horticulture Odisha, Bhubaneswar and awarded to you. It is found that the area (Keonjhar and Gajapati Districts) has huge potential for organic cultivation of horticulture crops like vegetables, plantation, fruits & spices. The Focus should be for the organic cultivation of Horticulture crops.

The details of the work along with funds allocation are given below.

- 01). Name of the work: Adoption and Certification of Organic Farming.
- 02). Area Allotted: 300 hectares + 100 hectares (previously) = 400 hectares in Keonjhar District.
- 03). Area Allotted: 400 hectares + 150 hectares (previously) = 550 hectares in Gajapati District.
- 04). Payment and other modalities: Payment shall be released to you at the rate of Rs.20, 000/- per hectare (after deducting 2% towards admin. Expenses of Bhanjaprabha) on a back to back basis.

You are required to do the needful in this regard and mobilize manpower for an early and timely implementation of the project, as needed by the Department. You will deposit security money amount as will be calculated by the concern DDH at the time of MOU.


Branch Manager
OCCF Ltd
Bhanja Prabha
I.D. Market Branch



CENTRE FOR AGRI-MANAGEMENT

DEPARTMENT OF BUSINESS ADMINISTRATION

Utkal University, Vani Vihar, Bhubaneswar - 751004

Tel. No: 9938204639

Email : academic@camutkal.org, Visit us : www.camutkal.ac.in

Ref : CAM/370/2022

Date 03.02.2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that the "Centre for Agri-Management (CAM)" has been conducting MBA (Agribusiness) Management programme since 2006 in Department of Business Administration. The CAM has been doing different consultancy projects related to agriculture and allied sectors. The Consulting Project allows faculties and students to act as "consultants" on a live challenge faced by a business.

The Odisha Consumers' Co-Operative Federation Ltd has awarded "adoption and certification of Organic farming "for Keonjhar and Gajapati districts to CAM in 2020-21 financial year with financial support of Rs. 18,620,000/- (Rupees one crore eighty-six lakhs twenty thousand only).

Centre Head
Centre for Agri-Management

ମହାନଦୀ କୋଲ୍‌ଫିଲ୍ଡ୍‌ସ୍ ଲିମିଟେଡ୍
Mahanadi Coalfields Limited
(A Subsidiary of Coal India Limited)

General Manager (CSR)
MCL, Jagruti Vihar, Burla
Sambalpur (Odisha) 768020
e-mail: gmcsr.mcl@gmail.com



MCL

No. MCL/GM/CSR/2021-22/ 1016

Date 27-04-2021

Work Order

To
The Registrar
Utkal University,
Vani Vihar, Bhubaneswar
Odisha-751004

Sub: WorkOrder for conducting survey of toilets constructed under Swachha Vidyalaya Abhiyan (SVA) under CSR initiative of MCL.

Reference: a) Our e-mail for budgetary offer dtd. 20.02.2021
b) Your Offer submitted vide e-mail dated 22.02.2021
c) Our E-mail dtd. 18.03.2021
d) Your revised offer submitted vide e-mail 22.03.2021

Dear Sir,

With reference to the subject matter, the work for "Conducting survey of toilets constructed under Swachha Vidyalaya Abhiyan (SVA) as CSR initiative of MCL" is hereby awarded to Utkal University for a **value of Rs.93,82,500/- (Ninety Three Lakhs Eighty Two Thousands Five Hundreds only)** including all taxes and duties. The order is subject to following terms and conditions:

1. Scope of work:

- Survey shall be conducted as per the tabular format furnished by MCL (Copy enclosed). Survey team shall consist of two field investigators who will conduct a brief interview with the school Headmaster/staff and make joint inspection of the toilets. In case, of non-availability of school staff, feedback will be obtained from SMC members/BEO. Information from school authorities and physical inspection of toilets combined together will form the basis of filling up the format.
- Survey format shall be signed by field investigators and countersigned by School Headmaster/ Staff/ School Managing Committee (SMC) representative/ BEO.
- A brief information of the present condition of toilet should be furnished in the remarks column.
- Geo-tagged photographs shall be taken for each toilet with school building in backdrop wherever possible. Photographs of water facility /leach pit or soak pit etc should also be taken. Each photograph should be properly labelled with school codes/ blocks/ districts.
- Efforts should be made to conduct survey and take photographs in the presence of school representative.
- Survey team shall grade each toilet as per the Swachh Vidyalaya Puraskar guidelines of Ministry of Human Resources Department (MHRD), Govt of India in the respective column of survey format (Guidelines attached).

The work order is accepted

[Signature]
Registrar
Utkal University
Vani Vihar, Bhubaneswar-4

[Signature]
27/4/21 General Manager (CSR)
Mahanadi Coalfields Limited
P.O. Jagruti Vihar, Burla
Sambalpur (Odisha)

- g) Post survey, a survey report will be submitted to MCL. The report shall include *inter alia*, an analysis of the study along with pictorial/graphical representation of the summarised data. The data should be analysed in SPSS /Microsoft Office Excel. The filled-up format/ Checklist in both physical and soft forms (excel) and photograph of each school with toilet constructed/renovated and water facilities etc will also be submitted.
2. Survey team may need to coordinate with Distt Administration, DEO, BDO for necessary assistance. In addition, they may have to coordinate with filed executing agencies.
 3. List of location-wise toilets is enclosed. In all there are 10615 toilets. This list is based on the latest information furnished by the field executing agencies. There may be minor variation in the numbers which the executing agencies will update to MCL. The same will be shared with Utkal University as the survey work progresses.
 4. Field investigators will be given orientation training on field assessment/ survey of toilets, conducting interview, seeking information and filling up the format.
 5. The actual payment will be made based on number of toilets surveyed @Rs 889.67 per toilet subject to a maximum of the awarded value.
 6. Utkal University shall co-ordinate with District/Local Administration as per the need requirement in connection with the survey.
 7. Timeline:
 - a) The total timeline is 60 days from the date of commencement. The break up is as under:
 - o Submission of filled formats with photographs: 45 days
 - o Submission of final Report: 60 days
 - b) Necessary time extension required for the completion of survey on the basis of merit with justified reason will be permitted with approval of GM (CSR)
 - c) Considering the present situation of pandemic, the date of commencement of the work will be mutually decided and the same will be officially communicated.
 8. An MoA will be executed between MCL and Utkal University.
 9. Utkal University shall submit weekly progress report to MCL after commencement of survey. Periodic review of the survey progress shall be undertaken by MCL for which Utkal University shall provide all the required data.

10. Payment Terms:

Tranche	Activity	Amount(% of Total)
First	Advance amount will be released within 7 days from date of commencement of the work.	50%
Second	On completion of field work and on submission of Survey formats & Photographs to MCL in soft and hard copies	40%
Third	On submission of Final report	10%

11. As confirmed by Utkal University, the subject work does not attract GST. If any tax liability on GST arises in future, it will be sole responsibility of Utkal University.
12. Utilization Certificate with statement of expenditure duly certified by a Practicing Chartered Accountant/ Authorized Auditors shall be submitted after the completion of the work.
13. General Manager (CSR) will be accepting authority of reports & Utilization Certificate and General Manager (Fin), MCL HQ will be paying authority.

[Signature]
Registrar
Utkal University
Vani Vihar, Bhubaneswar

[Signature]
27/4/21

General Manager (CSR)
Mahanadi Coalfields Limited
P.O. Jagriti Vihar, Burla
Dist. Sambalpur (Odisha)

14. If the survey with final submission of report is not completed within the original/extended time period, a penalty equal to 5% of actual payment will be levied and deducted.
15. E-mandate: Utkal University shall submit the details regarding bank account as per the e-Mandate form to facilitate e-payment. The format and instructions are attached.
16. Utkal University will be solely responsible for any third-party charges, claims, penalties, fines, expenses, losses, damages, legal suits or any levy related to subject work during and after execution of the project. MCL shall not be responsible for the same.
17. Utkal University shall ensure the safety of man and its team and material during survey work and MCL shall not be responsible for any damage/incidents if any.
18. Utkal University shall ensure that the amount disbursed by MCL is utilized only towards the assigned work and not for any other activity.
19. Dispute resolution:
 - a) The provisions contained in this Work Order alongwith Offer letters and other communications by Utkal University will be the broad guidelines in executing this study and resolving dispute if any.
 - b) Any dispute or difference of any nature whatsoever or regarding any right, liability, claim, act, omission hereto arising out of or in relation to this Work order shall be mutually resolved in first instances. If the dispute still persists, the courts in the city of Sambalpur shall have jurisdictions to entertain any suit, application or other proceedings.
20. The Govt guidelines and protocols of COVID-19 shall be followed during survey work.
21. The data of survey work shall not be shared to any other agency unless permitted by MCL.
22. Utkal University, Bhubaneswar shall not have any right for commercial exploitation of Survey work being carried. It shall be part of the Intellectual Property of MCL.

Please return scanned copy of the Work Order duly signed under seal through e-mail immediately on receipt of the same as a token of acceptance.

Yours faithfully,

27/4/21
GENERAL MANAGER (CSR)

General Manager (CSR)
Mahanadi Coalfields Limited
P.O. Jagriti Vihar, Burla
Dist. Sambalpur (Odisha)

Attachments:

1. Format of Survey
2. Location-wise list of toilets
3. Guidelines of MHRD, Govt of India on Swachh Vidyalaya Puraskar
4. E mandate format and Instructions

Copy:

1. TS to CMD, MCL
2. TS to Director (Personnel), MCL
3. GM(Fin/C&B): This has FC no. FC/MCL/SBP/2021-22/REV/S-149/Consultation Fees/
Rs.93.82.500/- dtd.20.04.2021.
4. Shri Arabinda Sahoo, Assistant Manager(CD)/CSR, MCL HQ
5. Case file 6. Office Copy

Copy for kind information: Executive Director (Community Development), CIL

27/4/21
Utkal University
Jagriti Vihar, Bhubaneswar-4

Ref. No. NBC/NF/ 43 / 2017

Date: 12.06.2017

WORK ORDER

To
The Vice Chancellor
Utkal University, Vani Vihar
Bhubaneswar-751004

Subject: Research on "Socio-Economic Impact Assessment (SIA) of CSR Projects Implemented by NALCO Foundation.

Reference: i) Your proposal on "Socio-Economic Impact Assessment (SIA) of CSR Projects Implemented by NALCO Foundation on dtd.30.12.2016
ii) MOU between NALCO & Utkal University, Odisha 07.01.2017
iii) Our letter No.: NBC/NF/175/2017 24.03.2017
IV) Your revised offer Dtd. 10.05.2017

Dear Sir,

With reference to your above Proposal & MOU for the subject, NALCO Foundation is pleased to confirm acceptance of your proposal and award the subject work to you on the terms and conditions as stipulated below.

SALIENT TERMS & CONDITIONS

Clause no:	SUBJECT	DETAILS
1.0	NAME OF THE WORK	"Socio-Economic Impact Assessment (SIA) of CSR Projects Implemented by NALCO Foundation.
2.0	LOCATION OF THE WORK	Periphery Villages of S&P Complex Angul and M&R Complex Damanjodi .
3.0	CONTRACT PERIOD	3 months from start of the work
4.0	CONTRACT VALUE	15,50,000.00 (Rupees fifteen lakh and fifty thousand) only excluding service tax.
5.0	MANAGER -IN-CHARGE	NALCO FOUNDATION or his authorized representative at Angul & Damanjodi
6.0	SCOPE OF WORK	As per proposal submitted by Utkal University, Bhubaneswar
7.0	SCHEDULE OF RATE	Annexure-9
8.0	PAYMENT TERMS	Annexure-11
9.0	DEDUCTION OF INCOME TAX & W.C.S. TAX DEDUCTION AT SOURCE	AS APPLICABLE
10.0	SERVICE TAX	NOT APPLICABLE

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NALCO
FOUNDATION

The team of Principal Investigator are requested to be in touch with the undersigned for all matters related to the works.

Kindly return the duplicate copy of this order duly signed as a token of acceptance and acknowledgement.

Thanking you.

Yours faithfully,

FOR NALCO FOUNDATION,
DGM , Admn, CSR, PRCC

Enclosures: Detailed work order.

Annexure-1: Work Order Abstract

Title of the Proposed Study: Socio-economic Impact Assessment (SIA) of CSR Projects Implemented by NALCO Foundation

Value of the Project: Rs. 1550000.00 (Rupees fifteen lakh, and fifty Thousand only)

Principal Investigators:

- (1) Prof. K. K. Basa, Director IQAC, Utkal University (PI)
- (2) Prof. Sabita Acharya, Department of Anthropology & Director –School of Womens Studies, Utkal University (Co-PI)
- (3) Prof. Navneeta Rath, Department of Sociology, Utkal University (Co-PI)
- (4) Dr. Siba Sankar Mohanty, Reader, Department of Analytical and Applied Economics, Utkal University (Co-PI)

Duration of the Project: 3 months

Key Deliverables:

- (1) Survey data compiled in electronic form
- (2) Draft report of Socio-economic Impact Assessment
- (3) Final report of “Socio-economic Impact Assessment (SIA) of CSR Projects Implemented by NALCO Foundation

Annexure-2 Details of the Task

The major tasks of the proposed research study are as outlined below. The tasks mentioned below are broadly in coherence with the prominent practices documented on socio-economic impact assessment (UNPAN, 2006).

- To prepare an outline of the situational context in which the scope of the proposed SIA fits in.
- To prepare a stakeholder analysis of the NALCO project in study area by identifying stakeholders
- Identify social and economic variables (factors) useful for SIA from the (a) mining, (b) refinery, both in Koraput and (c) smelting zones in Angul district of the NALCO project in the stud area.
- To revisit the baseline predictions of socioeconomic profile in the study area, earlier impact assessments of the activities and the deviations (actual impact) from the future impacts assessed earlier (desired impact).
- To prepare a set of suggestions for the authorities for bringing convergence with the desired impact or to achieve better social and economic outcomes vis-à-vis the desired impact.

To be more specific, the proposed research seeks to perform the following specific tasks while undertaking this SIA.

1. Assessment of lifestyle impacts of the NALCO CSR projects on the social interactions of the affected population.
2. Assessment of cultural impacts of the NALCO projects vis-a-vis customs, value systems, linguistic practices, other cultural practices such as religion and traditional manifestations of social life.
3. Assessment of community impacts of the NALCO projects on social overhead capital, activity networks and communal bonding.
4. Assessment of quality of life impacts spatial involvement and perception of belonging with the agencies of life such as natural environment, geographic locations etc., and sense of security and aspiration frameworks.
5. Assessment of economic impacts on expected income, expected employment, productive capacity (expected savings, skills etc.) and expected consumption of the affected population.
6. Assessment of education and health impacts of the NALCO CSR projects
7. Assessment of environmental impacts of the NALCO CSR projects

All these assessments will be prepared on the basis of the following four reference information sets.

Information set-1: Baseline survey of NALCO before the initiation of the CSR projects. (To be compiled from the historical documents)

Information set-2: Expected socio-economic profile of affected population based on analysis of previous impact assessment surveys (to be compiled as a part of this research).

Information set-3: Deviations from the expected socioeconomic profile (to be compiled as a part of this research).

Information set-4: Impact assessments of proposed activity plans.

Annexure-3: On Social Impact Analysis

Socio-economic impact assessment is a framework of analysis to comprehend and measure the impact of any dynamism (economic, environmental or political) on the socio-economic conditions and socio-economic outcomes. With the core ground principle of accountability and ethical development, any socio-economic impact assessment, revolves around the objectives of making better informed decision and accomplishing improved outcomes through scientific situation analysis and developing ideas for resolving conflicts between social, political, cultural, environmental, economic and other interests with the motive of informing and empowering people (emphasis ours), including the affected ones and help them increase the social value or return on social investment. There is no dearth of contemporary literature on the principles, methods and tools for undertaking socio-economic impact assessment of industrial establishments (Tamborra, 2002; Vancly, Esteves, Aucamp, & Franks, 2015; IBRD, 2006; Patra & Murty, 2006). There are also quite a few analyses available on the NALCO project itself (Behera, 2015; Stanley, 1996; Reddy, Mishra, Nagaraju, & Ramana, 2013).

What follows is a brief outline of our proposed activities in the current research.

- (a) **Preparation of a socioeconomic profile of the study area :** This would include (i) demographic factors (such as population density, trend growth rates, age and social profiles and so on), (ii) socioeconomic determinants (such as factors affecting productivity and income, risk aversion capacities and strategies of the most marginalized sections of population, access to employment opportunities both with NALCO and in other economic activities, migration whether opportunity pulled or distress pushed, self employment opportunities, access to inputs-value chain systems and markets, family structure and kinship, land holding practices and so on), (iii) social organizations (such as family and community level decision making systems both electoral and otherwise, access to services and information and so on), (iv) NALCO context (such as its development goals, commitments for restoring social processes and natural transformations, control over resources, relationship with stakeholder groups and so on) and finally (v) Social aspirations vis-à-vis NALCO and value systems (including factors such as need for NALCO activities, stakeholder attitudes towards incentives for social dynamics and their resilience towards such changes and so on)
- (b) **Comprehension on the range of Impacts Experienced:** This includes identification of the nature and spread of impacts both spatial and intergenerational, through a review and analysis of the historical documents related to the establishment and evolution of NALCO, Census data, NSSO unit level data and other relevant documents. The range of impacts can also be estimated through focused group discussions, and participatory methods such as PRA and beneficiary assessment methods.

- (c) **Comprehension of Potential Impacts Estimated:** This involves a comparison of estimated future impacts with and without the proposed future activities of NALCO CSR programme. This could be undertaken through (i) an analysis of past responses of the communities to the activities and/or through analysis of similar experiences elsewhere, (ii) trend analysis and similar statistical exercises, (iii) population multiplier methods with multipliers such as influx of outsiders, occurrence of positive and negative economic shocks, infrastructure base, educational attainments and so on, (iv) parametric and nonparametric significance analyses depending on data compiled (v) scenario simulations based on logical –imaginings about future socio-economic policy environments, (vi) calculations of opportunity cost through estimation of future impacts foregone irrevocably by abandoning certain available alternatives, and (vii) through consultations with experts both from local communities and from academic fraternity.
- (d) **Evaluation of Indirect and cumulative impacts:** This can be undertaken through a host of methods and tools used in contemporary statistical exercises such as flow analyses by incorporating information from both past and reasonably foreseeable future actions.

Annexure-4: Methodology to be followed

Listed below are some specific methodological strategies to be adopted while undertaking the research activity. While the list primarily consists of the requirements highlighted by the NALCO foundation, we have modified this to include some other critical dimensions of the proposed research.

Documenting and analyzing the local historical setting of the planned intervention to be able to interpret responses to the intervention, and to assess cumulative impact.

This will be undertaken as per the specific tools mentioned in the previous section. The data to be used for such analyses are as mentioned below.

- Detailed data and information compiled from NALCO on the historical development of its sites, past CSR actions and proposed future actions;
- Literature based on previous experiences with similar actions and other SIA documents related to industrial activities involving extraction and use of natural resources, displacement and resettlements, industrial urbanisation processes and social transformation processes;
- Census and other vital statistics, NSSO data and data from other secondary sources;
- Field research, including informant interviews, group meetings and participatory appraisals with the stakeholders,

(e) Surveys of the general population in and around study locations.

The analysis will be made at two levels. Firstly, available secondary information will be analyzed for all the peripheral villages and hamlets in the study area. At the second level, detailed analysis will be prepared for sample villages. The sampling for collection of information as mentioned in (d) and (e) above are as per the matrix below.

Type of observational unit	Sample Size	Remarks	Sample selection criteria	Instrument for data collection
No of villages where detailed survey is to be undertaken	20	16 locations from Koraput District (14 villages and 2 hamlets) and 4 villages from Angul district. This approximately comprises 10 percent of the 142 villages and 21 hamlets in the periphery of the mining and refinery units at Damanjodi-Koraput and 39 periphery villages at smelter and power complex in Angul	Simple random sampling through lottery method.	Not Applicable
PRA in villages	All	All villages where NALCO Foundation has initiated some developmental activity in the past.	Not applicable	As per pre-defined issues on which discussions to be held.
NALCO Management Personnel and NALCO Foundation Functionaries and District Administration Members	10	05 from each district	Convenience sampling	Structured questionnaire and open ended questions. (Q-1)
Tribal Students in Three Residential Schools	150	50 from each of the three residential schools		Structured questionnaire (Q-2)

School Heads and teachers in three residential schools	15	05 from each school	Convenience sampling	Structured questionnaire and Open ended Questions (Q-3)
Parents of Students in these residential schools	400	20 parents from each village	Network sampling based on first references from village Sarpanch and the rest from the samples covered.	Structured questionnaire (Q-4)
Villagers benefitting from NALCO CSR Initiatives	600	30 villagers from Non-Parent (of residential school children) category	Network sampling based on first references from village Sarpanch and the rest from the samples covered.	Structured questionnaire (Q-5)
Controlled Category (villagers not receiving any direct benefit from NALCO CSR activities)	100	Five from each village	Network sampling based on first references from village Sarpanch and the rest from the samples covered.	Structured questionnaire (Q-6)
Elected Representatives/ Village Committee Members	40	Two from each village/hamlet	Convenience sampling	Structured questionnaire and open ended questions (Q-7)

Analyzing data and making social profile

Social profile will be prepared based on both primary and secondary information collected and compiled in the process.

Facilitating and coordinating the participation of stakeholders and Assessing outputs from the projects

Participation of stakeholders will be ensured through the guidance of a research advisory committee comprising the principal investigators, one nominated member from NALCO foundation and two expert members from academics. Upon approval of this proposal, the committee may be constituted and the methodological issues including the identification of stakeholders, finalization of questionnaires (Q1 through Q7). A review meeting is to be held after the pilot survey and a mid-term appraisal meeting is to be held after the data collection process is complete. A final meeting will be held to comment on the draft report after the report is ready.

The publication shall not be reproduced anywhere by Utkal University without any written permission by NALCO FOUNDATION.

Recommending appropriate institutional and coordination arrangements for scaling up, alternate strategies for mitigation practices

The final report of the research process will highlight the key suggestions for appropriate institutional and coordination strategies for scaling up and mitigation practices. This will be disseminated through a meeting involving the stakeholders and a solicited general audience.

Annexure-5: Timeline with Project Activity Schedule (From literature study till submission of Final Report)

A tentative timeline for the proposed project activities are as listed below.

Sl	Activity	Duration (cumulative Duration)
1	Hiring of project staff, preliminary survey of literature, identification of variables, finalisation of methodological note, preparation of questionnaire, procurement of data from secondary sources and advisory committee meeting	3 months from start of the work
2	Finalisation of questionnaires through pilot survey and collection of primary information, second meeting of the advisory committee	
3	Analysis of data and preparation of the draft report, dissemination of the preliminary findings	
4	Preparation of final report and dissemination meeting, submission of final report	

Annexure-6: Payment details

(All price and cost amounts in Indian Rupees)

A: Human Resources

Position	Nos	Duration of Involvement	Remuneration per Month	Total Cost
Research Associate	1	3	20000	60000

Research Assistants	10	3	14000	420000
Data Entry Operator/	1	3	12000	36000
Honorarium for PI	1	3	25000	75000
Honoarium for Co-PI	3	3	20000	180000
Hiring Expenses*	Lumpsum			114000
Total (a)				885000

- Hiring expenses include Honorarium for experts in the advisory committee and other relevant expenses for hiring expertise as per university norms.

B: Travels and Logistics (As per actual)

Travel Type	Number of Days	Amount per day	Total	Remarks
Travel by the Principal Investigators	24	3500	84000	The amount covers travel, food and accommodation of the PIs
Travel by Project Staff	60	500	262500	60 days for collection of data (10 days for pilot and 50 days for collection of data). Amount includes lumpsum for travel, food and accommodation
Other Miscellaneous Travel and logistic Expenses	Lumpsum		30000	
Total (b)			376500	

C: Survey Expenses

Item	Cost
Printing of Questionnaires	15000
Other Miscellaneous Expenses related to survey as deemed fit by the Pis	25000
Data collection	Already included in the travel and logistics section
Total (c)	40000

D. Stationery and Related Items

Stationeries	Lumpsum	36000
Data from NSSO rounds	Lumpsum	50000
Books and journals*	Lumpsum	30000
Preparation and printing of draft and final reports	Lumpsum	25000
Total (d) in Rupees		141000

* Books and journals purchased under this head will be donated to the university library after completion of the project, specifically mentioning the name of donor as NALCO FOUNDATION.

E. Overhead

Estimate	Cost In Rs
Approximately 7.5 % of the total (a through d)	108112

F. Service Tax and other Taxes

NIL

G. Total

Items	Estimates (in Rs) for the Project Duration
(a) Human Resources	885000
(b) Travel and Logistics	376500
(c) Survey Expenses	40000
(d) Stationery and Related Items	141000
(e) Overhead (7.5 % of the total of a through d)	108112
(f) Service Tax and other Taxes if Applicable	NIL
(g) Total	1550612
	1550000

In words: Rupees Fifteen Lakh, Fifty Thousands only

Annexure-8: Deliverables

The key deliverables of the study are as under.

- (1) All raw data collected through field survey in electronic form.
- (2) Draft study report
- (3) Final study report after incorporating comments from the advisory group.

Annexure-9: Payment Schedule

The payments shall be made to Utkal University three installments as mentioned below.

Installment-1: 50 percent of the proposed value of the study upon sanction of the project

Installment-2: 30 percent of the proposed value after submission of the progress report by the advisory committee after completion of the field survey.

Installment-3: 20 percent of the proposed value of the study upon completion of the draft report.

Payments to be released by RTGS in the bank account of Utkal University, Bhubaneswar.
Bank mandate to be submitted by Utkal University.