

Section 7. Terms Of Reference

Odisha Disaster Recovery Project – P148868

Community Infrastructure Investments in Berhampur

“Project Management, Consultancy Services, Odisha” Ref No- ODRP-2-SBCC-CF-661122.

1. Background of project

1.1 General

The Government of India has received financing from the World Bank towards the cost of the Odisha Disaster Recovery Project (ODRP), and Berhampur municipal Corporation intends to apply part of the proceeds for consulting services for **“Project Management, Consultancy Services, Odisha”BeMC**. Component 2: Community Infrastructure Investments in Berhampur of the ODRP will be implemented by the BeMC under the aegis of the Housing and Urban Development Department of Government of Odisha.

Berhampur city is the fourth most populous urban area in the state of Orissa. It is mainly a trading centre for Southern Orissa having its influence over eight districts. It is the oldest city of Ganjam District. The city of Berhampur is governed by the Berhampur Municipal Corporation (BeMC). BeMC’s jurisdiction covers an area of about 37 sq.km. and has a population of over 378,000.

Berhampur city has 254 slum settlements accommodating 28,270 households and a population of 126,541. Slum population is thus 33.41 % of the total population. Many of them are located around the 47 water bodies in the city, mainly in the form of tanks and along the natural or built drains. In the absence of sewerage system in the city, these water courses also carry septic tank effluents or the untreated human waste. The slums are therefore vulnerable to both flood and health hazards. Shelters in slums vary in construction from reeds and mud walls with thatched roofs to brick walls with AC or GI sheets as roof. The latter are vulnerable to strong winds and the former to heavy rains. Government of Odisha intends to improve the shelters under Government of India programs, including Rajiv AwasYojna (RAY).

The Berhampur Municipal Corporation proposes to undertake various urban infrastructure projects; in particular the slum improvement works with a view to provide better facilities to the people living in slum areas. The works spread over the entire Municipal Corporation area.

1.2 Implementation Arrangements

For the purpose of implementation, a Project Implementation Unit (PIU) headed by ‘The Commissioner’ of Berhampur Municipal Corporation, is being created. A separate PMU is also being created in the H&UD Department at Bhubaneswar.

The PIU will provide its technical assistance in the implementation of project, to Berhampur Municipal Corporation on regular basis. The PIU will be based at Berhampur and is expected to participate in regular meetings with the ODRP Team. The PMU will work as direct contact for ‘Nodel Officer’ in H&UD Department in providing the technical assistance and advice. The PMU will be based at Bhubaneswar.

One Domestic “**Project Management Consultant (PMC)**” firm will be engaged to assist PIU & PMU to undertake construction management work for component-2 of ODRP

The consultant firms will be selected in accordance with the latest procedure and guidelines set by The World Bank. The Consultants Team of experts will be based full time at Berhampur. In addition to this one Project coordinator from consultant’s team shall be based full time at Bhubaneswar.

1.3 Component 2 of ODRP

1. *Sub-component 2.1: Upgrading of slums - US\$13.7 million.* For infrastructure to improve the living conditions of households in slums in the city of Berhampur. These improvements include streets, access to improved water and sanitation, drainage, septic management, and street lighting. The level of service to be provided will be determined by the available trunk infrastructure, the physical conditions, size of the settlements, and the available resources. The project will be carried out in about 80 settlements covering about 30,000 population.
2. *Sub-component 2.2: Public service infrastructure - US\$11.7 million.* For priority infrastructure at the city level to improve service delivery and living conditions. The BeMC has carried out an assessment of damage and needs after Cyclone Phailin from which an investment plan is being prepared. Investments include priority roads and trunk water supply infrastructure among others.
3. *Subcomponent 2.3: Community participation - US\$1.7 million.* This component will help facilitate community participation, ensuring a participatory approach in the planning of settlement level infrastructure.
4. *Sub-Component 2.4: Technical Assistance - US\$1.7 million.* For providing support to the BeMC towards preparation of improved city-wide sectoral master plans and priority Detailed Project Reports (DPRs). These will include drainage, sewerage, street lighting and other relevant areas identified.

2. Objective of the Assignment

The main objective of the PMC is to support BeMC and H&UD in construction management, contract management review and check the design and drawings prepared earlier for its accuracy as per the site condition and make changes as and when required for the works included in component 2 of ODRP

3. Contract Management Framework (CMF)

The Contract Management Framework (CMF) will govern the execution of works. The main features of CMF formulated for the execution of the proposed work are:

- (a) To administer the contract, Berhampur Municipal Corporation will be the Employer. The Project Director-ODRP-cum-Municipal Commissioner, BeMC will be in overall in charge of the project. The authorized representative of Project Director-ODRP-cum-Municipal Commissioner, BeMC and their associates will interact with both the Supervision Consultant and Contractors and shall be reporting to the Project Director-ODRP-cum-Municipal Commissioner, BeMC.
- (b) The authorized representative of the Project Director-ODRP-cum-Municipal Commissioner, BeMC will have the authority to give directions to the Supervision Consultant in all routine matters related to the contract management/administration.
- (c) The Consultant will be a part of the CMF and will assist the Employer’s representative in all matters pertaining to contract management, as required.

4. Scope of consulting services

The major scope of work of the “**Project Management Consultant**” is construction management, contract management, support BeMC in tender process, review and check the design and drawings prepared earlier, for its correctness as per the site and make any changes if required for the works included in the component-2,

This assignment will require working closely (almost one-on-one basis) with the BeMC Commissioner, Superintending Engineer (in-charge), and Nodal Officer in H&UD. For the purpose of implementation, a PIU with BeMC commissioner as the head is being created. A separate PMU is also being created in the H&UD at Bhubaneswar. Consultants will support both PMU and the PIU.

In general, the scope of work included are but not limited to the following:

4.1 Primary Task

1. Carry out the base line survey to collect the information/data of status before the and after the project
2. Assist client in procurement of various works, equipment, materials and services under NCB, ICB or shopping procedure as necessary including preparation and or revision of tender document, notification, tendering, tender evaluation and contract award.
3. Assist client as necessary in the evaluation of bids and preparation of evaluation report, recommendation for award and contract agreement.
4. Assist the client in supervision and quality control of works and issue necessary certificate for acceptance of the work by the client
5. Assist the client in resolution of contractual issues including review, evaluation and confirmation of contract variation orders.
6. Review the drawings and designs for the tendered work and check its correctness as per the site, accordingly modify and reissue the drawings as necessary.
7. Supervise and monitor all the physical survey, material testing, consumer indexing and asset mapping being done by contractor. The Consultant shall ensure that the contract is executed as per terms and condition of the work contract.
8. As necessary assist the client in overall contract management, review and acceptance of the “As Built” drawings prepared by the contractors of various works.
9. Organizing stake holder participation during construction and monitor the implementation of RAP, EMP as per ESMF.
10. Ensure implementation of the Environment Monitoring and Management Plans.
11. Obtaining approvals/ clearances, from various government department as required for the completeness of work.
12. Interpretation of the Technical Specifications and Contract Documents of the works.
13. Assist in Carry out 100% survey work, if any, jointly with the contractor.
14. **Communication Management:** Consultant shall manage communication processes to ensure timely and appropriate collection, distribution, storage, retrieval and ultimate disposition of project information. They shall make use of multiple communication modes such as post, e-mail, fax, telephone and web or any other method agreed and accepted by the client.
15. **Risk Management:** This is a vital area of focus for the Consultant as a part of overall construction management. Risks affecting the project have to be identified and listed along with the analysis. Consultant shall ensure and monitor the risk management plan during the execution.
16. Under take any other work as assigned by the client.

4.2. Work Program/Progress Monitoring

1. Scrutinize and implement the Contractor's detailed work programme , methodology, material sources, manpower/machinery deployment plans for carrying out the works and suggest modifications if any, to ensure that these are satisfactory giving particular attention to the technical requirements, work implementation schedule, practicability and environmental aspects as well as safety of works, personnel and the general public and recommend the same for approval to Engineer's representative of the Employer.
2. Extra item/substituted items/extra quantity, if any, required for the work shall be timely initiated by the Consultant with due justification and get it approved by Employer.
3. Liaisoning with various Government Departments, Local Governing Bodies, Panchayats, Municipal Corporations etc. necessary for successful and timely execution of work.
4. Inform the Employer's representative, on hindrances/obstructions or issues which may arise in connection with the implementation of the contract and make recommendation to the Employer's representative for possible solutions well in time.
5. Keeping in view the duration of works, milestones and the manpower requirements of the project, the Consultant shall advise the Contractor, if need be, to accelerate the efforts to meet these milestones either by deploying more manpower or introducing more number of shifts etc in order to complete the work within stipulated period
6. Develop an electronic dashboard for monitoring the progress.

4.3. Construction Supervision

1. Undertake site supervision to check quality and progress of work, as per time schedule, ensure implementation in accordance with the approved drawings, technical specifications and other stipulations of contract documents
2. To ensure that the construction methods proposed are in compliance with the requirements of the Contract.
3. Ensure implementation of works are in compliance with various laws/Acts concerning the environment and safety requirements of the works and labour welfare.
4. Report on the works on its final completion to the Engineer's representative of the Employer.

4.4. Quality of Materials and Works

1. The consultant shall carry out the quality assurance tests of all construction activities of component 2 of ODRP, which are to be undertaken as narrated in 1.3 above.
2. Evolve and implement a quality assurance plan for the works comprising methods and criteria for sampling, acceptance, testing, quality control measures etc based on statistical methods, relevant standards as well as international practices during and after execution of work to ensure required compliance with standards and consistency in quality.
3. Supervise the performance of works with regard to workmanship and compliance with the specification/order, perform field tests on materials and /or work and approve/disapprove the work/material/equipment of Contractor and ensure removal of disapproved works/materials/equipment from the site immediately, after consultation with the concerned Engineer's representative of the Employer.
4. The Consultant shall make quality surveillance of all activities from engineering, survey, erection, construction up to final field testing and commissioning during execution of the works. The Consultant will also certify quantity of material/equipment used in the work.

If during field testing of works, the quality/quantity of Material/Equipment is suspected to be inferior or less than what was supposed to be used, it will be reported to the concerned Engineer's representative, who, in turn, shall check the quality of works with respect to conducting test results in presence of contractor or his representative. Such material/equipment which do not meet the specification shall not be used in the execution of the works.

4.5. Bills for payment to Contractors

After submission of bill by Contractor, the consultant is required to complete all activities indicated below within a period of Seven (7) days and submit the same to the concerned Engineer of the Employer. In case no bill is received from the contractor in any month, the consultant should prepare after detailed measurement of the works executed by the contractor and submit the bill complete in all respects by 15th of subsequent month.

1. Administer the Contract, measurement of items of works, verification of variation orders submitted by the contractors, verification of claims and other matters.
2. Recommend to the concerned Engineer of the Employer for payment of the regular bills after endorsing certificate with regards to quantity and quality of the executed works by the contractor.

4.6. Certification of Work Completion

Consultant shall have to ensure Certification of Work Completion within fifteen (15) days after submission of the bill by the contractor in addition to undertaking following activities mentioned below:

1. Upon receipt of notice of completion from the Contractor, the consultant shall inspect the works and inform Contractor and Engineer's representative in writing regarding items requiring rectification or any left out works / items for completion.
2. Shall carry out final inspection of the completed work including the test on completion.
3. Prepare Certificate of Completion stating date(s) from which the defect liability period of the work shall commence.
4. Ensure that all post-construction (as built) drawings and bill of quantities that may arise thereof are Furnished/submitted.

4.7. Dispute settlement between Contractor and Employer

1. The consultant has to prepare compliance report for the Employer with respect to the submission of information/data in relation to settlement of disputes through amicable settlement, adjudication or dispute resolution whenever required.
2. To prepare, on behalf of Employer's representative, notes, damage claims, penalty etc. whenever applicable to the Contractor for Contract Administration and ensure issuance of the same by Employer's representative.
3. Facilitate decisions on all claims and accounts and all post contractual formalities, question, disputes and differences which may arise between the Employer and Contractor and which under the terms of the Contracts are left for the dispute settlement and decisions.
4. Assist and advise the Employer and its representative with regard to any matter that may be subject to adjudication, dispute resolution, inquiry or litigation up to delivery certificate of completion.

5.0 Interaction with BeMC

1. During entire period of services, the Consultant shall interact continuously with BeMC and provide any clarification as regards methods being followed and carry out modification as suggested by BeMC. A programme of various activities shall be provided to BeMC and prior intimation shall be given to BeMC regarding start of key activities such as survey, construction management, quality testing etc. so that inspections of BeMC officials could be arranged in time.
2. The BeMC officials may visit the site at any time, individually or collectively to acquaint themselves with the field investigation and survey works.
3. All equipment, software and books etc. required for satisfactory services for this Project shall be obtained by the Consultant at their own cost and shall be their Property.
4. The consultant/firm will be liable to correct, modify or even change the drawing design etc. if any found required in course of scrutiny at any level till the final approval is accorded by the competent authority without any extra cost.

6.0 Base Line Survey

Continuous monitoring of the project and its achievement would be monitored by the consultant. The major outcomes expected from this project includes:

- Targeted effected households with multi-hazard resilient housing.
- Increased community resilience and preparedness in coastal areas,
- Increased institutional capacity for risk mitigation and response at the state level.

Targeted Corresponding quantifiable indicators for the measurement of these outcomes are included in the Results Framework as described in Annexure-4

7.0 Deliverables and Time Schedule

1. Total consultancy contract period is 24 months.
2. The site supervision team shall be mobilized on the date of actual commencement of works by the contractors or as decided by the Employer.
3. During the entire period of contract, the consultant shall prepare and submit the reports/deliverables as detailed in **Annexure-1**

8.0 Responsibility of the consultant

The consultant shall carry out the study in a professional manner in keeping with internationally accepted standards using qualified and appropriate staff. They will endeavour to implement with diligence within the agreed time.

The consultant is to prepare and furnish the work programme for the assignment with deliverables which is to be completed within stipulated period.

The consultants shall be responsible for accuracy of all the data used in project preparation and the designs/drawings as part of the project. Permanent location marks adequate for identification during execution shall be kept at the site at the cost of consultant. He shall indemnify the client against any inaccuracies in the work which might surface out at the time of ground implementation of the project. The consultant is responsible to correct the drawings including any re-surveys/investigations (including correcting the layout etc.) as required.

9.0 Services and Facilities to be provided by the Govt.

The Government will not provide any services and/or facilities to the appointed consultant during the phase of carrying out studies. The consultant will have to arrange all facilities/services required to carry out the assigned work on this project at their own cost. The financial proposal shall include all the required costs with breakups. However, introductory recommendation letters, Schedule of Rates and available studies, reports shall be provided to the consultants on request from concerned authorities. However, Government will not be bound to provide the facilities as required by the consultant.

10.0 Staffing

The Consultant will engage the minimum key experts of required qualification and experience as detailed in Annexure-2. Consultant shall make his own assessment for the requirement of any additional key or non-key expert, which he feels is required for the successful and satisfactory completion of the work. Consultant shall quote accordingly. No any extra claim shall be made by the client on any such account

11.0 Payment Schedule

Schedule of payment shall be as below:

Mobilization advance	:	10% of the quoted fees
Payment for the period of construction management	:	Shall be paid monthly on the basis of staff deployment
<i>Note: Mobilization advance paid to the consultant for construction management period will be adjusted in first 12 (twelve) invoices in equal installment.</i>		

Annexure 1: Reporting and Deliverables

S.No	Deliverables	Time Schedule	Contents and details to be provided
1	Base Line Report	As per result frame work and monitoring criteria	The report shall be as per result frame work and monitoring criteria as described in Annexure-4
2	Quality and Construction Manual	D**+2 weeks	Quality control manual will be used by all the concerned. Main emphasis will be given on: Various formats – for tests, issuing of drawings, handing over the sites, request for inspection; Formats routing and approval of the concerned; Testing procedures; Acceptable tolerance limit against each test and finished work; Safety norms to be followed by the contractors and their personnel; Environmental safeguard during construction activities;
3	Monthly Report	Monthly for execution period	Broadly it shall include, Physical and financial progress of each package, Problems encountered suggested mitigation actions and its follow up actions in each contract package, Environmental and safeguard monitoring report.
4	Quarterly Progress Repot	Quarterly for execution period	Broadly it shall include; Physical and financial progress of each package, Problems encountered and action taken for each package, Annual plan of work and for-cast of funds requirement for each package and any other reporting as required by the World Bank.
5	Contract/Project Completion Report	After completion of work	Project completion report shall be prepared for the entire project. This shall mainly include; Background of the project and introduction. Details of component under taken in the project. Details of administrative and technical approval procedure followed. Details of change in the original works and changes/additional works under taken. Details of problems encountered and solutions and reason for change in implementation schedule (if any) Listing of improvement due to project
6	Any other relevant report as desired by the	As and when required	This shall be as per the requirement of the client. This may include bid evaluation report, compilation and submission of site photographs.

S.No	Deliverables	Time Schedule	Contents and details to be provided
	client		Videography of the work. Preparation of presentation slides for presenting it to stake holders of the project at various levels. Preparation and compilation of reimbursement claims for submitting it to World Bank
<p>All the deliverables shall be submitted, 2 copy in hard, one copy in soft in editable one copy in PDF.</p> <p>D**: The date of start of the consultancy contract agreement</p>			

Annexure-2 Estimated staff requirement with preferred qualification requirements for the consultancy assignment

Project Implementation Unit (based in Berhampur), reporting to BeMC Commissioner and/or designated person					
S.No.	Position	No of Man-month	Preferred minimum qualification and experience		General Role and Responsibility
			Qualification	Experience	
1	Team Leader	24	Civil Engineer with Post Graduation in Public Health/ Environmental Engineering	Shall have total 20 year experience in Design and Construction Management of major civil works out of which at least 10 year experience shall be in infrastructure development projects such as water supply, sewerage system, storm water drains, roads etc.	<p>Team Leader shall be responsible for overall project management and coordination of construction works. He shall ensure that all the works are executed as per the bid requirements and specifications. He shall liase between the various stakeholders of the project. He shall also be responsible for mobilization/demobilization and scheduling of the of the consultant's team. Review of provisions in contract and coordinate with the site conditions and make any changes as per the site requirement.</p> <p>Certification of quality of works. Submission of monthly, quarterly and completion report and other reports as per the requirement of Term of</p>

					Reference. He shall also assist the client in all the procurement procedures.
2	Senior Highway Engineer	24	Civil Engineer with Post-Graduation in Highway/Transportation Engineering	Shall have minimum 10 years total experience in design and construction supervision of roads/highway	Shall review the drawings/designs issued at tendering stage and check its correctness to match the site condition. Revise the design and drawing if necessary. Prepare and Issue the good for construction drawings. Assist Team Leader in all the works related to construction supervision, quality control, contract management and any other work assigned by the client and or team leader
3	Senior Hydraulic Engineer	6	Civil Engineer with Post-Graduation in Hydraulic Engineering/Environmental Engineering	Shall have minimum 10 years total experience in design of water supply, sewerage system and storm water drainage system	Shall review the drawings/designs issued at tendering stage and check its correctness to match the site condition. Revise the design and drawing if necessary. Prepare and Issue the good for construction drawings. Assist Team Leader in all the works related to construction supervision, quality control, contract management and any other work assigned by the client and or team leader
4	Senior Public Health Engineer	24	Civil Engineer with Post-Graduation in Public Health Engineering/Environmental Engineering	Shall have minimum 10 year experience in design and construction supervision of water supply, sewerage system and storm water drainage system	Shall review the drawings/designs issued at tendering stage and check its correctness to match the site condition. Revise the design and drawing if necessary. Prepare and Issue the good for construction drawings. Assist Team Leader in all the works related to construction supervision, quality control, contract management and any other work assigned by the client and or team leader
5	Site Engineer -1	24	Graduate Civil Engineer/Diploma in Civil	Shall have Total 5 years of experience for graduate and	Shall supervise all the construction work including checking of layout, performing and monitoring

			Engineering	10 years of experience for diploma holder in construction supervision of roads.	quality test. Coordination of construction work etc.
6	Site Engineer -2	24	Graduate Engineer/Diploma in Civil Engineering	Shall have total 5 years of experience for graduate and 10 years of experience for diploma holder in construction supervision of water supply/sewerage/storm water drainage works	Shall supervise all the construction work including checking of layout, performing and monitoring quality test. Coordination of construction work etc.
7	Site Engineer -3	24	Graduate Engineer/Diploma in Civil Engineering	Shall have total 5 years of experience for graduate and 10 years of experience for diploma holder in construction supervision of water supply, sewerage, storm water drainage, general civil work	Shall supervise all the construction work including checking of layout, performing and monitoring quality test. Coordination of construction work etc.
8	Procurement Expert	6	Graduate Engineer in any discipline	Total 10 year experience in relevant field and work	Shall be responsible for updating the bid document prepared earlier. Support the client tender process including evaluation and award of contract
9	Environmental Expert	6	Post Graduate in related discipline	Total 10 years of experience in procurement related works	Shall monitor the environmental safe guard mitigation as suggested and prepare the report for submission to world bank.
10	Social & Community Expert	6	Post Graduate in related discipline	Total 10 year experience in relevant field and work	Shall monitor the social safe guard mitigation as suggested and prepare the report for submission to world bank.

11	Draftsman	24	Relevant I.T.I./Diploma	Total 5 year experience in drafting work	Shall support the project team in drafting of all the relevant drawings.
Project Management Unit (based in Bhubaneswar) ,reporting to Nodal Officer in H&UD Department					
12	Project Coordinating Officer	24	Graduate Civil Engineer with Specialization in Project Management/Construction Management	Total 15 years of experience in project management and construction supervision of multi sector projects	<p>The Project Coordinating Officer shall be posted in PMU at Bhubaneswar. He shall assist the nodal officer in H&UD in coordination and project management.</p> <p>The Project Coordinating Officer will support H&UD in strategic planning and usage of the ODRP funds. He/ She will assist in providing effective financial management of funds by ensuring that the project financial systems are functioning appropriately. The Project Coordinating Officer will in particular assist in draft budget for the project/PERT to be completed in scheduled period of completion, review the financial reports, records, accounts, financial statement; work closely with the nodal officer in H&UD department to ensure the process of procurement and disbursement are smooth; assist the department, auditors and Bank staff during auditing and all financial reporting for the project.</p>

No of Slums to be Taken up as per Procurement Plan of World Bank	Ward No	Sl.No	Slums Selected by SIO, BeMC
Selected 12 No of Slums to be taken up from Ward No:-1 to 3	1	1	Dharma Nagar
	1	2	Dhoba Street
	1	3	Kailash Nagar
	2	4	Laxmi Nursingha Street Right Side 6th and 7th Lane
	7	5	Kalupatra Street
	3	6	Chitanya Nagar
	2	7	Kasi Nagar Street
	2	8	Anand Nagar
	7	9	Bariha Bila Sahi
	3 & 10	10	Dhoba Bandha Huda
	2	11	Panigrahi Nagar
	7	12	Sandha Mohanty Sahi
Selected 11 No of Slums to be taken up from Ward No:-4 to 6	3	1	Ganapati Nagar
	4	2	Dhanamera Sahi
	3	3	Kansari Street
	3	4	Khandiakumuti Sahi
	7	5	Panigrahi Pentha Street
	8	6	Kumbhara Street
	4 & 7	7	Pandara Street
	7	8	Sitaram Sahi
	7	9	Adua Sahi
	7	10	Balinki Peta
Selected 13 No of Slums to be	7	1	Mangalbaram Peta

taken up from Ward No:-7 to 15	7	2	Prahallad Nagar
	10	3	Sita Dhimbira Sahi
	10	4	Gobachha Nagar
	9	5	Mochi Sahi
	14	6	Nirakar Nagar
	13	7	Medri Street
	12	8	Leprosy Colony
	12	9	Nilakantheswar Smasan Padia
	18	10	Mathura Nagar
	18	11	Balaji Pentha Street
	18 & 30	12	Tribeni Nagar
	21	13	Dhoba Sahi
Selected 14 No of Slums to be taken up from Ward No:-16 to 20	6	1	Adua Billa Sahi Shanti Nagar Bila Sahi
	6	2	Bhabani Nagar
	6	3	Brundabati Nagar
	6 & 25	4	Burma Colony
	21	5	Dasiri Sahi
	6	6	Mukteswar Bila Sahi
	22	7	New Street Near ORT Colony-Gate Bazar
	29	8	Invalid Peta
	20	9	Badhei Sahi
	20	10	Bhandari Sahi
	20	11	Damba Sahi
	20	12	Gollapalli Street
20	13	Raghunath Mandira Street	
22	14	Muktipatha Street	
Selected 13 No of Slums to be	24	1	Bandha Sahi

taken up from Ward No:-21 to 28	24	2	Bijipur Sana Bauri Street(Laxmi Street)
	24	3	Boarding Sahi
	23	4	Canal Street(In front of Hotel Moti)
	24	5	Kalua Sahi
	24	6	Ratha Street and Canal Street
	24	7	Sunari Bandha Sahi
	25	8	Beda Bandha Street
	25	9	Deepa Street
	26	10	Kadalibada Street
	6 & 26	11	Main Road Dhoba Sahi
	26	12	Medri Street
	25 & 29	13	Trinath Mandir Street
Selected 12 No of Slums to be taken up from Ward No:-29 to 33	25	1	Deepa Harijan Sahi
	29	2	Srikrushna Nagar
	27	3	Chancheda Pathara
	30	4	Chandrasekharapur Road
	38	5	Dandasi Sahi
	38	6	Bada Sahi
	37	7	Bapuji Nagar
	10, 25 & 26	8	Bauri Sahi
	25	9	Chandi Sahi
	33	10	Dandasi Sahi Adua Sahi
	37	11	Jail Road
Selected 9 No of Slums to be taken up from Ward No:-34 to 37	37	1	Brundaban Nagar
	37	2	Industrial Area
	37	3	Lanjipalli Tota Sahi
	37	4	Subasha Nagar

	35	5	Ankuli Main Road & Dhoba Sahi
	38	6	Badaghar Street
	38	7	Kaji Sahi
	38	8	Nigam Nagar
	38	9	Redika Street

N.B. : The above slum list is tentative and may change during the period of execution.

Annexure-4 Results Framework

Project Development Objective (PDO): To restore and improve housing and public services in targeted communities of Odisha, and increase the capacity of the State entities to respond promptly and effectively to an eligible crisis or emergency											
PDO Level Result Indicators	Core	Unit of Measurement	Base Line	Cumulative Target Value					Frequency	Data Source/Methodology	Notes
				YR1	YR2	YR3	YR4	YR5			
Number of peoples with access to improved public services in Berhampur		Number	0	0	5000	10000	15000	30000	Quarterly	Field Reports/Progress Reports	Improved public services includes improved water and sanitation and all season roads
Intermediate Results: Component-2 Level Results-Urban Infrastructure in Berhampur											
Intermediate Result Indicator	Core	Unit of Measurement	Base Line	Cumulative Target Value					Frequency	Data Source/Methodology	Notes
				YR1	YR2	YR3	YR4	YR5			
Peoples in urban areas provided with access to improved sanitation facilities under the project	X	Number	0	0	5000	10000	15000	25000	Quarterly	Construction Works/Progress Report	The number of beneficiaries is indicative. Final target number will be updated once settlements are selected
People in urban areas provided with access to improved water sources under the project	X	Number	0	0	5000	10000	15000	25000	Quarterly	Construction Works/Progress Report	The number of beneficiaries is indicative. Final target number will be updated once settlements are selected
Peoples in Urban areas provided with access to all season roads with I a 500 meter range under the project	X	Number	0	0	5000	10000	15000	25000	Quarterly	Construction Works/Progress Report	The number of beneficiaries is indicative. Final target number will be updated once settlements

Project Development Objective (PDO): To restore and improve housing and public services in targeted communities of Odisha, and increase the capacity of the State entities to respond promptly and effectively to an eligible crisis or emergency											
PDO Level Result Indicators	Core	Unit of Measurement	Base Line	Cumulative Target Value					Frequency	Data Source/Methodology	Notes
				YR1	YR2	YR3	YR4	YR5			
											are selected
City wide drainage and sewerage master plans completed		Number	0	0	0	0	0	2	At project Completion	Final Report	Completion determined by final deliverables accepted by BeMC

Sd/-17-12-2015
Project Director, ODRP-cum-
Municipal Commissioner,
Berhampur Municipal Corporation