

REQUEST FOR PROPOSALS

**TO SELECT A CONSULTANT/CONSULTING ORGANAZATION TO
PREPARE ENVIRONMENT CONSULTATION COMMITTEE REPORT
TO OBTAIN THE ENVIRONMENT CLEARARANCE OF THE PROJECT
AT LOW INCOME HOUSING CONSTRUCTION PROJECT AT 247, DR
DENISTER DE SILVA MAWATHA, DEMATAGODA.**

Consultancy Organization following
Least Cost Selection

Urban Development Authority
Ministry of Urban Development and Housing,

Date issued:

Name of Consultancy Organization:

Instruction to Consultants

Data Sheet

01	Name of the Client: Housing Division, Urban Development Authority, 6th Floor, Sethsiripaya Stage I, Battaramulla.
02	The assessment is Selection of Consultancy for Environmental Consultative Committee (ECC) study for the Proposed Low Income Housing Project at Dematagoda, under the Chinese Governement Aids.
03	A pre-proposal conference will be held: No The Client Representative is: Director (Housing), UDA Address: Urban Development Authority, 6th Floor, Sethsiripaya Stage I, Battaramulla Telephone: 0112873838 Fax: 0112874544 Email: dirhousinguda@gmail.com
04	The Client will provide the following inputs and facilities TOR of the Study Soil Reports Project Design details and drawings Planning Clearances obtained
05	Outcome of the Consultancy Consultant must submit 03 copies of the Draft Report and present the study to the committee and alter the reports based on the comments and then submit the final report with 03 copies of the Report and get the Environmental Clearance for the project
06	Short listed consultants may associate with other shortlisted consultants: No
07	Method of Selection: Least Cost Method/Selection
08	Breakdown cost of activities required: Yes
09	Consultant must submit the Technical proposal and financial proposal

10	<p>The proposal submission address: Chairman, Procurement Division, Urban Development Authority, 7th Floor, Sethsiripaya Stage I, Battaramulla</p> <p>The proposal must be submitted no later than following date and time </p>												
11	<p>Criteria, sub criteria and point system for the evaluation of Technical proposal are:</p> <table border="1" data-bbox="263 616 1292 1131"> <thead> <tr> <th data-bbox="263 616 311 660"></th> <th data-bbox="311 616 1173 660">Criteria</th> <th data-bbox="1173 616 1292 660"></th> </tr> </thead> <tbody> <tr> <td data-bbox="263 660 311 750">1</td> <td data-bbox="311 660 1173 750">Specific experience of the consultants relevant to the assignment (at least 03 consultancy servicing completed within last 03 years)</td> <td data-bbox="1173 660 1292 750">50</td> </tr> <tr> <td data-bbox="263 750 311 795">2</td> <td data-bbox="311 750 1173 795">Methodology and Work Plan</td> <td data-bbox="1173 750 1292 795">10</td> </tr> <tr> <td data-bbox="263 795 311 1131">3</td> <td data-bbox="311 795 1173 1131">Key professional staff qualification and competence for the assignment 1. Team leader 2. Environmental Specialist/ Ecologist 3. Geotechnical Specialist 4. Sociologist/ Resettlement Planner 5. Land use Planner 6. Waste Management Specialist</td> <td data-bbox="1173 795 1292 1131">40</td> </tr> </tbody> </table> <p>The maximum Technical score is required to pass in 70</p>		Criteria		1	Specific experience of the consultants relevant to the assignment (at least 03 consultancy servicing completed within last 03 years)	50	2	Methodology and Work Plan	10	3	Key professional staff qualification and competence for the assignment 1. Team leader 2. Environmental Specialist/ Ecologist 3. Geotechnical Specialist 4. Sociologist/ Resettlement Planner 5. Land use Planner 6. Waste Management Specialist	40
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12	<p>Payment: Lump sum contract</p> <table border="1" data-bbox="263 1276 1292 1534"> <thead> <tr> <th data-bbox="263 1276 391 1366">Activity Number</th> <th data-bbox="391 1276 973 1366">Description</th> <th data-bbox="973 1276 1292 1366">Lump Sum/ Percentage</th> </tr> </thead> <tbody> <tr> <td data-bbox="263 1366 391 1444">1</td> <td data-bbox="391 1366 973 1444">On the acceptance of submission of Report and Presentation to ECC</td> <td data-bbox="973 1366 1292 1444">10%</td> </tr> <tr> <td data-bbox="263 1444 391 1534">2</td> <td data-bbox="391 1444 973 1534">Final payment release after getting approval from CEA</td> <td data-bbox="973 1444 1292 1534">90%</td> </tr> </tbody> </table>	Activity Number	Description	Lump Sum/ Percentage	1	On the acceptance of submission of Report and Presentation to ECC	10%	2	Final payment release after getting approval from CEA	90%			
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13	<p>Expected date for commencement of consultancy services in 7 days from the letter of award</p>												

**ENVIRONMENTAL CONSULTATIVE COMMITTEE
URBAN DEVELOPMENT AUTHORITY**

*QUESTIONNAIRE FOR PRELIMINARY ENVIRONMENTAL APPRAISAL FOR
PROPOSED LOW INCOME HOUSING CONSTRUCTION PROJECT AT
WANATHAMULLA, DEMATAGODA.*

(This ToR is valid only for 18 months from the date of issue.)

The Developer should in consultation with technically qualified personnel, complete the following questionnaire. Separate sheets should be used where detailed information is required. It is in the developer's interest to fill in all information as completely and as accurately as possible. The duly completed questionnaire could be considered as an Initial Environmental Examination Report, if duly perfected by the developer. It is important to note that this information is being used in decision-making.

PART A GENERAL INFORMATION

- A.1 Name of the Project :**
- A.2 Name of the Developer :** (Company /Firm / individual)
- Postal Address :
- Phone / Fax No. :
- Contact person/Name/Designation/Phone No :
- A.3 Nature of the Project :**
- Scale of the Project :
- Main objectives of the Project:
- Justification in terms of :
Economic, social & environment
- Alternatives to the project :

PART B OUTLINE OF THE REPORT

Executive Summary

- Chapter 1 :** Introduction
- Chapter 2 :** Description of the proposed project
- Chapter 3 :** Description of the existing environment
- Chapter 4 :** Assessment of the anticipated environmental impacts
- Chapter 5 :** Proposed mitigatory measures
- Chapter 6 :** Monitoring programme
- Chapter 7 :** Conclusion and recommendation

ANNEXTURE

Terms of Reference

- II References
- III Sources of data & information
- IV List of preparers including their work allocation and time schedules (The report should be authenticated by the preparers)
- V Comments made by the public, NGOs and other agencies
- VI Complete set of relevant maps, tables, charts, layout plans and other details

Executive Summary

The Executive Summary should be a brief, non-technical summary of the justification of the proposed project, description of the salient features of the project and alternatives considered, the existing environment of the project site and its environs, key environmental impacts, the measures proposed to mitigate the environmental impacts, monitoring programme and conclusions. A one page summary table indicating the significant impacts and proposed mitigatory measures should be presented.

CHAPTER 1 : INTRODUCTION

This chapter should include the following;

- Project background
- Objective of the project (Summarize the need or problem being addressed by the project)
- Objective of the report (Specify the objectives of the assessment and the relationship of the results to project design and implementation)
- Applicable laws, regulations standards and requirements covering the proposed project.
- Extent and scope of the study.
- Approvals needed for the proposed development from state agencies.
- Any conditions laid down by state agencies in granting preliminary clearance for the project.
- Conformity with existing/ proposed developments in the area.

CHAPTER 2 : DESCRIPTION OF THE PROPOSED PROJECT

2.1 Description of the project

Following details should be given;

2.1.1 Location of the project

Does the project wholly or partly falls within the following areas:

Area	Yes	No	Remarks
100m from the boundaries of or within any area declared under the National Heritage Wilderness Act. No. 03 of 1988			
100m from the boundaries of or within any area declared under the Forest Ordinance (Chapter 451)			
Coastal Zone as defined in the Coast Conservation Act. No. 57 of 1981			
Any erodable area declared under the Soil Conservation Act. (Chapter 450)			
Any Flood Area declared under the Flood Protection Ordinance (Chapter 449) and any flood protection area declared under the Sri Lanka Land Reclamation and Development Corporation Act. No. 15 of 1968 as amended by Act. No. 52 of 1982.			
60m from the bank of a public stream as defined in the Crown Lands Ordinance (Chapter 454) and having a width of more than 25 meters at any point of the course.			
Any reservations beyond the full supply level of a reservoir.			
Any archaeological reserve, ancient or protected monument as defined or declared under the Antiquities Ordinance. (Chapter 188)			
Any area declared under the Botanic Gardens Ordinance (Chapter 446)			
One mile of the boundary of or within any area declared as a National Reserve under the Fauna and Flora Protection Ordinance.			
100 meters from the boundaries of or within, any area declared as a Sanctuary under the Fauna and Flora Project Ordinance (Chapter 469)			
100 meters from the high flood level contour of or within a public lake as defined in the Crown Lands Ordinance. (Chapter 454) including those declared under section 71 of the said Ordinance.			

- **Indicate the Divisional Secretariat Division and the Local Authority within which the project area falls**
- Provide a location map (satellite image) of reasonable scale indicating the project site, accessibility to the site, surrounding development land use and infrastructure development

2.1.2 Extent of the project area (in ha):

- A copy of the approved survey plan of the proposed site should be Submitted. The Extent of the land should be indicated.

2.1.3 Present ownership of the project site (private / state / other-specify)

- If state owned, please submit a letter of consent issued by the relevant state agency/ agencies regarding the releasing of the land.

2.1.4 Project Layout plan

- Drawings showing project layout plan covering the entire project area including all major components of the project access roads to the site, residential areas, parking areas, commercial complexes, recreational areas, green areas/open spaces, reservation areas (if any) and existing structures / buildings etc.

2.1.5 Major components of the project

- A description of the project including major components, size and magnitude of each component.
- Permanent and temporary structures and any infrastructure development.
- Details of all recreational activities related to or connected with the proposal.
- Relocation plan (if any)
 - No. of families to be resettled
 - Socio economic status of the affected population
 - Compensation packages
 - Relocation sites
 - Other facilities to be provided

2.1.6 Air Emission Control

- Use of generator / boilers or any other machinery which generates emissions. (Include capacity of generator and boilers and type of energy)
- Emission / noise management / control facilities

2.1.7 Construction activities

- Main pre construction and construction activities
- Description of tree felling (if any)
 - Species to be removed, DBH, Age and number of trees to be removed
 - Type of felling and equipment or machinery to be used
 - Schedule of tree felling (time bounded tree felling schedule should be provided)
 - Method of extraction and transportation of timber,
 - Economic value of trees or timber value,

- After removing the trees, debris disposal method
- Land development plan
- Extent of land to be cleared
- Other land preparation activities envisaged/ Soil conservation measures and storm water management
- Type of equipment/ machinery to be used
- Details of the demolishing filling and excavation (extent and level of filling/excavation)
 - Type, quantity and sources of filled material
 - Method of transportation of construction materials
 - Method of transportation of demolished / excavated materials to the disposal site
- Construction of internal roads (if any).
- Details about buildings and other constructional activities.
- Labour and machinery requirement
- Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site:

2.1.8 Water Supply

- Amount of water required for the project (m³/d) during construction and operational period (for all components).
- Water Sources and supply locations.
- If extraction of ground water is envisaged, provide a report from the Water Resources Board /National Water Supply & Drainage Board indicating the availability of ground water and safe extraction limits etc.
Approval should be obtained from the Water Resources Board for extraction of ground water
- If extraction of surface water is envisaged, submit an approval obtained from the relevant agency.
- Rain water harvesting systems.

2.1.9 Other Infrastructure facilities required / provided

- Details of any access road to be built / improved (existing condition and anticipated improvement)
- Details of parking facilities (inside and outside of the project site and the arrangements for them)
- Energy requirement during construction and operation stages separately (source, availability)
- Requirement of labour during construction and operation (both skilled and non-skilled)
- Availability of labour in the area
- Alternative sources

2.1.10 Waste water

- Quantity & quality of waste water to be generated daily.
- Types of waste water generated (kitchen, restaurant, laundry, domestic, industry etc.)

- Arrangements for treatment and disposal of all waste water including Sewage both during construction and operation (provide conceptual plans of waste water treatment plant (if any)
- Quantity of treated wastewater to be disposed
- Final point of discharge of treated waste water.
- Location map with the project site shall be furnished.
- Operational and maintenance of proposed treatment and disposal system
- Alternative ways of disposal of waste water
- Approval form the relevant Authority for r3waste water disposal.
- Treatment methodology
- Final treated waste water quality
- Discharge methodology with relevant authority.

• **2.1.11 Solid Waste**

- Types and quantities of solid wastes generated
- On site waste management system including waste separation and storage.
- Solid Waste Management Plan approved by the relevant local authority
- Proposed method of disposal of solid waste including constructional waste, Hazardous waste, and Electronic waste.
- Disposal of demolished / excavated material and relevant approvals obtained for such activities.
- Approval from the relevant Authorities for waste discharging of construction and operation periods.

2.1.12 Implementation plan

- Details of operational and maintenance procedure of common facilities
- Responsible agency / agencies envisage for such activities

2.1.13 Aesthetic & Visual Environment

- The height of the tallest proposed structure;
- Whether the view in the immediate vicinity would be altered or impaired or Obstructed as a result of the above proposed structure.
- Proposed landscape plan.

2.1.14 Future Expansions

- Are future additions, expansions envisaged? If so give details.

CHAPTE R 3: DESCRIPTION OF THE EXISTING ENVIRONMENT

Study Area

The study area for the assessment shall include the following.

- i) The project site .
- ii) Area beyond the project site which may be affected by the project (influenced area)
- iii) Dumping areas for excavated soil and demolished materials
- iv) Details of pre-crack survey.

The limits of influenced area shall be determined by the study team of the environmental study report.

Following details should be provided for the study area

3.1 Topography

Provide concise information on the topography of the study area, highlighting the significant features such as major constructions etc. (Attach a contour map with location of the components of the project)

3.2 Hydrology & Drainage

- Surface drainage pattern of the area
- Drainage capacity of the existing water ways
- Ground water levels, quality and present uses of ground water
- Any floods experienced within the area during recent past

3.3 Geology and Soil Characteristics

- Geologic characteristic at all project structure locations of the study area
- Type of soil and its main characteristics
- Susceptibility to erosion
- Landslide potential and other geo-hazard of the area

3.4 Land Use

- Present land use of the study area (maps, photographs and /or satellite image to be provided to get a clear picture)
- Zoning (if any):

3.5 Noise

- Present noise levels within the study area

3.6 Ecological Resources

- Existing natural habitats within the study area and their importance (Proximity to forest reserves, wildlife Reserves, wetlands and)
- Presence of natural habitats and rare, threatened, endemic, fauna and flora (if any) within such habitats
- Animals movement pathways (especially elephant pathways)
- Availability of any commercially / ecologically important terrestrial / aquatic species

3.7 Historical & Archaeological importance

- Describe any landmarks or evidence of historic, religious, archaeological, scientific or cultural importance known to be in the study area.

3.8 Socio Economics Environment

- Presence of settlements within the project site and the surrounding area
- Availability of infrastructure facilities (eg. roads, power and water supply etc. and other resources)
- Existing environmental problems in the area that may have a bearing on the project.
- Other facilities affected

CHAPTER4: ASSESSMENT OF ANTICIPATED ENVIRONMENTAL IMPACTS

This chapter should evaluate the anticipated environmental impacts due to the project at all stages of site development and operation on the component of the environment. The assessment should focus on following principle areas.

4.1 Physical impacts

4.1.1 Hydrological

- Impacts on natural drainage pattern (flow pattern) of the area due to blockage of drainage pathways
- Impacts on storage capacity of existing drains/ canals

4.1.2 Erosion, siltation and sediment runoff:

- Effects to water ways
- Destruction to natural landscape
- Impacts on existing land use of the area

4.1.3 Air /noise /vibration/ dust

- Noise, vibration and dust due to construction activities
- Noise vibration and dust due to transportation of building material

4.1.4 Land stability

- Impact on land stability, especially due to the heavy constructional activities of the project components. (Submit a report of the detailed geotechnical report including recommendations in consultation with National Building Research Organization [NBRO])

4.1.4 Waste water

- Disposal of waste water from worker camps during construction
- Disposal of treated/untreated waste during operation
- Impacts of waste water disposal on the surface and ground water quality

4.1.5 Solid waste disposal

- Impacts of residue disposal during constructional period
- Impacts due to demolished materials, excavated materials, solid waste and hazardous waste disposal on surface and ground water and/ or soil during construction
- Impacts due to solid waste generated and mode of discharge during operation

4.2 Ecological resources

- Impacts due to destruction / alteration of habitats
- Loss / disturbance to natural habitats and species living within them
- Impacts on wildlife due to habitat conversion, disturbance to migratory pathways (wild animals) / habitual routes of wild animals (eg : Elephants and other species)
- Impacts on aquatic ecosystems due to waste water disposal, dumping of excavated soil, demolished materials and debris etc.
- Impacts on Human Elephant conflict (If any)

4.3 Socio economic / cultural aspects

- Limitations for resources use (accessibility to water, land etc)
- Impacts on livelihoods and economic activities
- Impacts on cultural / archaeological values
- Employment to be provided to the local people during constructional and operational periods
- Socio-economic benefits (other than employments)

4.3.1 Traffic impacts

- Traffic movements along roads during construction and operation stages
- Usage of vehicles and their loading during construction period.
- Traffic impact Assessment report approved by the Urban Development

Authority. Traffic Impact Assessment should be undertaken by a qualified person in consultation with the UDA, relevant local authority and Director (Traffic Police)

4.3.2 Safety Issues

- Safety issues during construction and operation period.

4.3.3 Impacts on Visual Environment

- Positive and / or negative impacts
Whether the view in the immediate vicinity would be altered or impaired or obstructed as a result of the above proposed structures.

4.3.4 Contingency Management Plan

- A suitable Contingency Management Plan should be evolved covering breakdown of treatment plant, Power failure etc. and natural disaster such as floods.

Any other impacts not listed here but may be significant in view of the project proponent.

CHAPTER 5: PROPOSED MITIGATION MEASURES

This chapter should set out the proposed measures to avoid, reduce, mitigate or compensate the impacts identified in Chapter 4 to acceptable levels (in that order of priority) including conformity to the gazetted Sri Lankan standards. Mitigatory measures should be defined in specific practical terms. Alternative methods of mitigation should be discussed and the effectiveness of the proposed measures that are to be provided should be stated. A rationale should also be presented for selection of chosen mitigatory measures.

CHAPTER 6 : ENVIRONMENTAL MANAGEMENT PROGRAMME

A suitable management programme should be suggested to monitor the changes of environment of mitigatory measures proposed. This plan should include the following:

- Parameters to be monitored
- Proposed locations of sampling points
- Frequency of monitoring
- Reporting procedure of progress and results
- Implementation schedule of mitigation actions
- Funds available to implement mitigation actions

CHAPTER 7: CONCLUSION AND RECOMMENDATIONS

The environmental acceptability of the proposed project and key findings and recommendations of the assessment should be given.

Any programme to improve general environmental conditions can also be stated here.

The above information is accurate and true to the best of my knowledge. I am aware that this information will be utilized in decision making by the relevant state authorities.

.....
Date

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Signature of Applicant