

Notice published under section 9 of the right to information Act No.12 of 2016 relating to a proposed project

Sri Lanka is highly vulnerable to climate change impacts. Extreme weather events such as high intensity rainfall followed by flash floods and landslides, and scarce rainfall resulting in droughts and extended dry periods are now becoming common occurrences in Sri Lanka. These hazards will caused huge economic loss to the country annually.

The Government of Sri Lanka (GoSL) is received a credit from World Bank to strengthen the selected river basins against the flood and drought risk through Climate Resilience Improvement Project (CRIP). These 10 river basins were selected based on the severity of historical flood and/or drought events and the affected people, infrastructure, private and public assets. Selected 10 river basins are Kelani, Attanagalu, Gin, Nilwala, Mahaweli, Malwathu, Ma Oya, Deduru Oya, Kala oya, and Gal Oya as shown in the Figure 1 below. The study of Development of Basin Investment Plans (DBIP) including preparation of pre-feasibility of selected flood and drought mitigation options, has two phases. Phase I is for first six river basins and Phase II is for balance four basins.



Figure 1 - Selected 10 River Basin for CRIP - DBIP Study

Studies upto Pre-feasibility level of first six river basins have been completed and selected projects which was recommended for feasibility study for each basin are tabulated below in Table 11.

Table 1 - Selected feasibility Studies for First Six River Basins

River Basin	Selected Pre-Feasibility Study
Kelani Ganga	1). Lower Kelani Flood Defences 2). Wee Oya Multipurpose Reservoir 3). Upper Deraniyagala Reservoir project
Attanagalu	4). Flood defenses for Gampaha and Ja-ela
Gin	5). Flood Mitigation upstream of Agaliya to the Sea
Nilwala	6). Flood Mitigation for Matara City
Mahaweli	7). Flood Mitigation for Allai Scheme and Vicinity 8). Enhanced Water Resources at Mavil Aru Anicut
Malwathu	9). Flood Mitigation for Anuradhapura

Selected Pre-feasibility studies which was recommended for feasibility study will be implemented after doing Feasibility studies. Carrying out feasibility studies are now in the process of evaluating received proposals for EOI. Detailed description prepared according to the given format, on those proposed projects in six river basins, are mentioned below.

1) Lower Kelani Flood Defenses

Date : 2019- 06-26

Ministry/ Department/ Institution: Ministry of Agriculture, Rural Economic Affairs, Livestock Development, Irrigation and Fisheries & Aquatic Resources Development

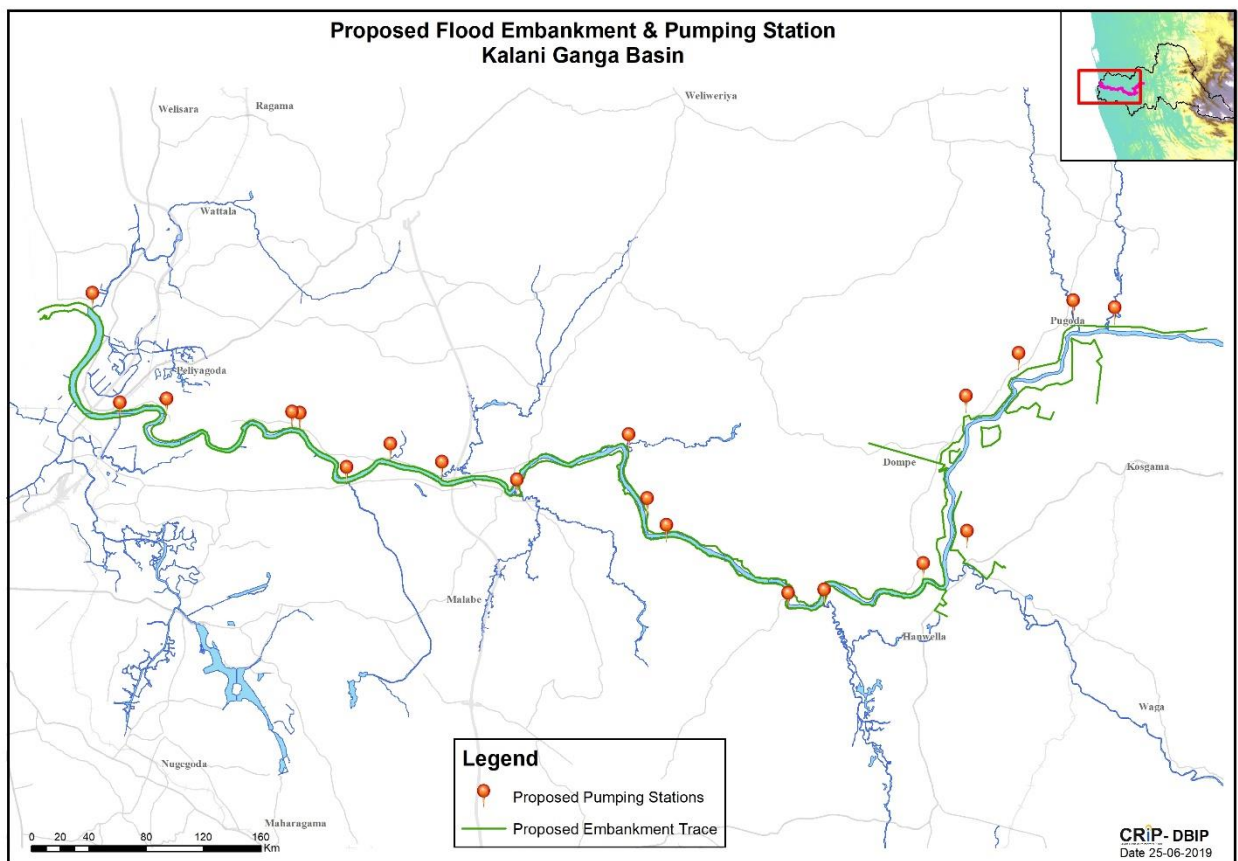
Implementing Agency: Irrigation Department

A. Details of the proposed project

1. Description of proposed project : *Lower Kelani flood defenses*

2. Project location (indicate the place(s) where project activities take place, in terms of Province, District, Division, location- provide additional description if boundary cannot be clearly demarcated) :

Proposed Embankments with pumping arrangement and control structures at tributaries from sea mouth to upstream of Hanwella (up to Horagolla on the right bank and up to Kanampella on the left bank) are shown in Figure 1 below covering two major Districts such as Colombo and Gampaha.



3. Proposed date of commencement of project: *Not specified*

4. Projected date of conclusion: *Not specified*

1) Lower Kelani Flood Defenses

B. Rationale of the project (If a management for development results (MfDR) framework has been developed for the project, disclose the same)

5. Project objectives/ Goals: *To ensure the flood protection of 1 in 50 years for the Kelani basin from the flood defenses meanwhile increase the protection upto 1 in 100 years flood after implement the Upper Deraniyagala Reservoir and Wee oya Reservoirs.*
6. Expected project outputs / Benefits: *To protect people, property and infrastructure from the floods of 1:50 years return period level while minimizing the annual average damage which the Government spend due to the flood of the Kelani basin.*
7. The target beneficiaries / stake holders: *936,000 in total provided by the two upper basin reservoirs combined, plus the lower Kelani flood defences (mainly in Greater Colombo area)*
8. Is there a likelihood of any citizen being affected by the implementation of the proposed project (for example, acquisition of private property for the project, those whose livelihood may be affected, any other rights of any person being affected)? : *Yes/No*
9. If yes, has adequate notice been provided to them and/ or have they been consulted in respect of the project? : *Yes/No*
Awareness program for national to grass root level was completed for Tranche 01 (Hanwella to Kaduwela). Preliminary Awareness program was carried out for tranche 2 (From Kaduwela to sea outfall) and the grassroots level awareness will be conducted during the social survey for Tranche 2 in future. Social surveys and RAP was completed only for Tranche 1 (Hanwella to Kaduwela)
10. If no, explain reasons for such omission. : *Not Applicable*
11. Provide details/description of steps being taken to provide compensation/ reparations to affected parties, if any, where applicable and details of the institution responsible for processing applications for compensation. :
12. *Social surveys and Resettlement Action Plan (RAP) was completed and Section 2 order was issued by the Ministry of Land for Tranche 1.*
13. Justification (i.e. financial cost benefit, social cost benefit et.) :
According to the Pre-feasibility and Feasibility Report - 19.2% NPV USD 141.9 million for the embankment trace from Hanwella to Sea outfall

C. Project budget & financial information - Project estimate will be in placed after detailed design is completed.

14. Total estimated cost of project:
Tranche 1 (Hanwella to Kaduwela) – US\$ 160 Million for flood protection infrastructure + US\$ 65 Million for land acquisition

1) Lower Kelani Flood Defenses

Tranche 2 (Kaduwela to Sea Mouth) – US\$ 169 Million for flood protection infrastructure except for land acquisition and resettlement

15. Agreed amounts (state in currency payable as well as LKR equivalent) :
16. Source of finance (Foreign/ Local/ Other – for example public private partnership) - identify the foreign or local entities / institutions involved in financing the project : *World Bank and GOSL*
17. If the proposed project is to be implemented on the basis of a public private partnerships, provide the main terms and conditions of agreement between the Government and the private sector party, including details of equity and profit share bases, financial information such as fees, tolls, or other kinds of revenue that may be collected by private sector parties under authorization from the government. : *Not Applicable*
18. List all additional benefits/ concessions, if any, offered to the contractor or private parties at the cost/ expense of the state/ Government of Sri Lanka in the implementation of the proposed project. For example, tax holidays, tax concessions, sale/ lease of land at concessionary rates/ prices etc. : *Tourism*

D. Necessary Clearances

19. State the date when approval for the proposed project was received from department of national planning/ economic development committee/ the cabinet/BOI/Provincial council/Local council/ relevant authority, as relevant. :-

<i>Cabinet</i>	-	<i>April 30, 2019 (For Tranche 1 & 2)</i>
<i>Department of national planning</i>	-	<i>May 15, 2019 (For Tranche 1)</i>
20. Where applicable have the following been carried out,
 - a) Bid evaluations? : ~~Yes/No~~
 - b) Feasibility studies? : ~~Yes/No~~. *Part completed. Balance has to be carried out.*
 - c) Technical Evaluations? : ~~Yes/No~~. *Part completed. Balance has to be carried out.*
 - d) Financial evaluations? : ~~Yes/No~~. *Part completed. Balance has to be carried out.*

Provide dates of above reports, in particular in respect of procurement committee reports, bid evaluations committee reports, technical evaluation committee reports, if any? :

21. Describe the Environmental Impacts on physical, biological, socio – cultural or aesthetic status, if any? : *Yes there are Environmental Impacts on physical, biological, socio – cultural etc. But not yet completed.*

1) Lower Kelani Flood Defenses

22. Has an environmental impact assessment been carried out, where relevant? :
Yes/No. But, Environmental Impact Assessment was awarded and is in progress.
23. If yes, provide details of the institution/entity that carried out the environmental impact assessment and date (s) of reports:- *Consulting Engineers & Architects Associated (Pvt.) Ltd.*
24. If no, provide reasons for the omission. : *Not Applicable*
25. Have approvals from relevant regulatory agencies been obtained, where applicable? : *Yes/No. not yet completed the EIA study*
26. If yes, from which agencies and dates of such approval. : *Not Applicable*
27. What approvals are pending? : *EIA*

E. Supplier/Vendor/Contractor :

28. Was the project solicited or unsolicited? : *Solicited*
29. If unsolicited, please provide details of the project proponent, project proposal, date when such proposal was made : *Not Applicable*
30. If funding for unsolicited projects are externally sourced;
- 30.1. Name of the funder? : *Not Applicable*
- 30.2. Conditions of financing? : *Not Applicable*
31. Provide details of the supplier/vendor/contractor who will implement the project :
- Not yet started
32. Was the contract awarded? : *No*
33. If yes, date of execution of contract? : *Not Applicable*
34. If not, proposed date of execution of contract? : *Not Applicable*
35. State the number of bidders as well as the relevant names/contact details of those who submitted bids for the project. : *Not Applicable*
36. With regard to all of the above, please indicate if there is any complaints handling mechanism conforming to accepted standards of fairness and transparency which is accessible to the public. : *No*

Any further inquiries and clarifications may be directed to:

Designation of officer in charge of providing information on the project to the public:
Additional Secretary Irrigation Development)

Telephone: *011- 2081129*

E-Mail: *dhammage@gmail.com*

2). Wee Oya Multipurpose Reservoir Project

Date : 2019- 06-26

Ministry/ Department/ Institution: Ministry of Agriculture, Rural Economic Affairs, Livestock Development, Irrigation and Fisheries & Aquatic Resources Development

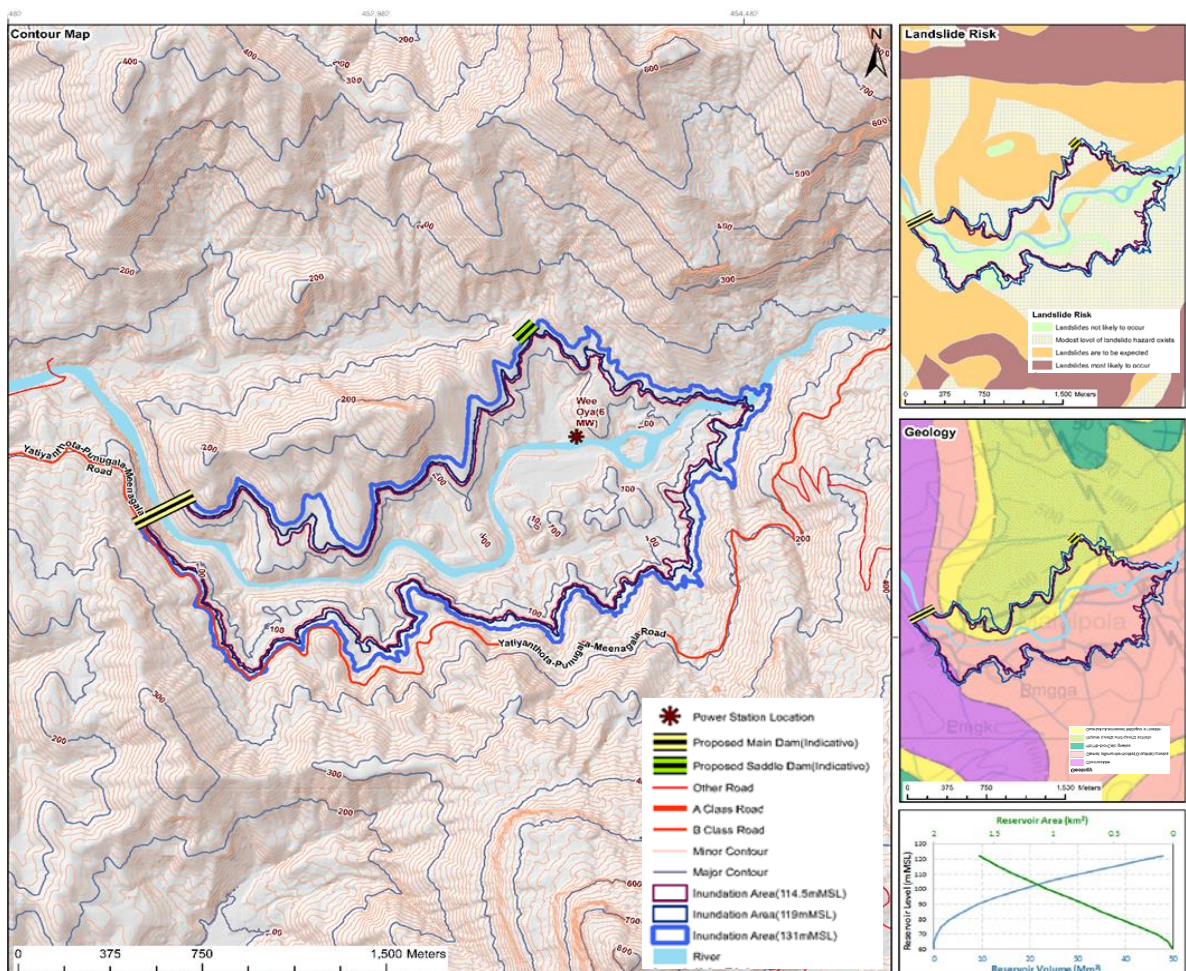
Implementing Agency: Irrigation Department

A. Details of the proposed project

1. Description of proposed project : *Wee Oya Multipurpose Reservoir Project*

2. Project location (indicate the place(s) where project activities take place, in terms of Province, District, Division, location- provide additional description if boundary cannot be clearly demarcated):

Wee Oya reservoir is proposed at the tributary of Kelani Ganga (Wee Oya) near Yatiyanthota (coordinates - 452153 E, 506084 N). The dam and reservoir area are shown in Figure below. Proposed reservoir capacity is 38 MCM at the 115.5 mAMSL and dam height is 60.5 m. Area of reservoir inundation is 140 ha and no forest cover under the inundation area.



3. Proposed date of commencement of project: *Not specified*

4. Projected date of conclusion: *Not specified*

2). Wee Oya Multipurpose Reservoir Project

B. Rationale of the project (If a management for development results (MfDR) framework has been developed for the project, disclose the same)

5. Project objectives/ Goals:

To ensure the flood protection of 1 in 100 years for the Kelani basin with implementation of Upper Deraniyagala Reservoir and Lower Kelani Flood Defenses

6. Expected project outputs / Benefits:

- i. *Flood protection in Kelani basin*
- ii. *Ensure water supply for Colombo city & Gampaha through inter-basin transfer to Basnagoda Reservoir in Attanagalu Oya Basin*
- iii. *Enhanced hydropower production on site*

7. The target beneficiaries / stake holders :

936,000 in total provided by the two upper basin reservoirs combined, plus the lower Kelani flood defences (mainly in Greater Colombo area) due to flood issues, industrial area like Port city and BOI area due to water supply

8. Is there a likelihood of any citizen being affected by the implementation of the proposed project (for example, acquisition of private property for the project, those whose livelihood may be affected, any other rights of any person being affected)? : *Yes/No*

9. If yes, has adequate notice been provided to them and/ or have they been consulted in respect of the project? : *Yes/ No*

10. If no, explain reasons for such omission :

Study is still at the Pre-feasibility level. People will be informed if the Government decide to implement this project after carrying out the Feasibility study.

11. Provide details/ description of steps being taken to provide compensation/ reparations to affected parties, if any, where applicable and details of the institution responsible for processing applications for compensation : *- Not Applicable*

12. Justification (i.e. financial cost benefit, social cost benefit et.):

According to the Pre-feasibility study - EIRR: 21.7% with an NPV: USD 237.0 million for Combined of Wee Oya and Upper Deraniyagala reservoirs

C. Project budget & Financial information

D. Necessary Clearances

E. Supplier/Vendor/Contractor

These item not relevant as this project is in the planning project

Any further inquiries and clarifications may be directed to:

Designation of officer in charge of providing information on the project to the public:
Additional Secretary Irrigation Development)

Telephone: *011- 2081129*

E-Mail: *dhammage@gmail.com*

3). Upper Deraniyagala Reservoir project

Date : 2019- 06-26

Ministry/ Department/ Institution: Ministry of Agriculture, Rural Economic Affairs, Livestock Development, Irrigation and Fisheries & Aquatic Resources Development

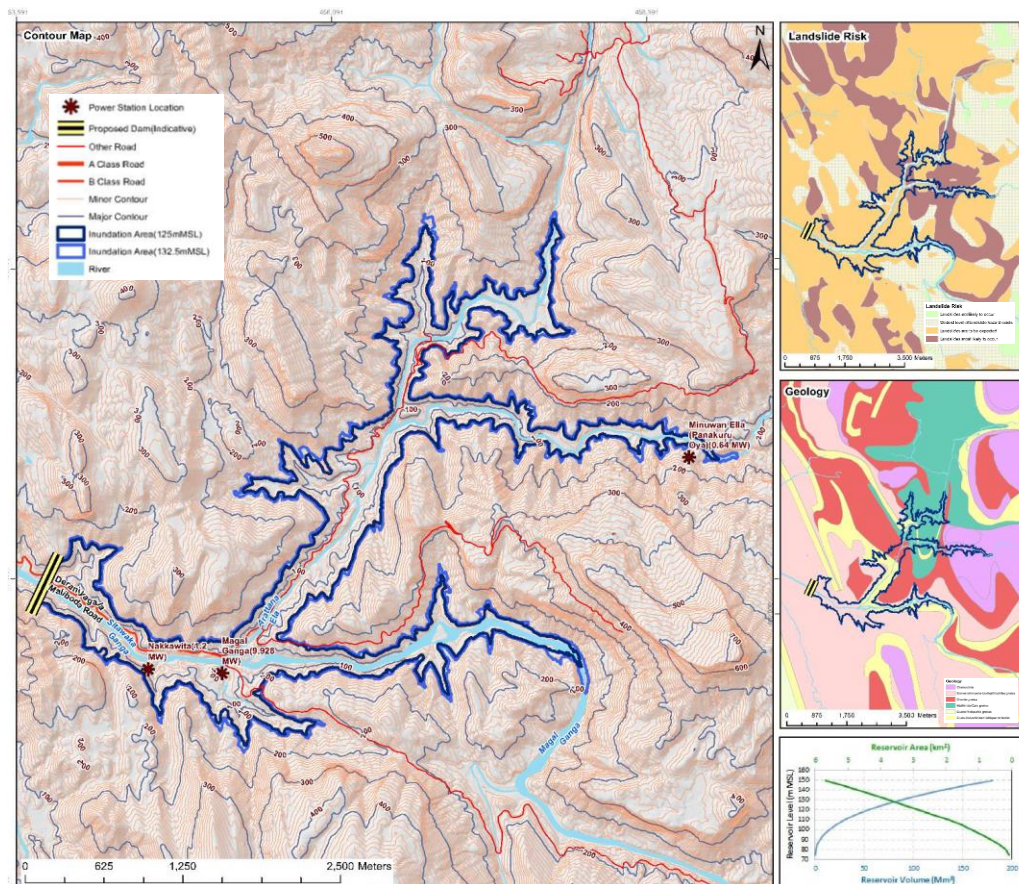
Implementing Agency: Irrigation Department

A. Details of the proposed project

1. Description of proposed project : *Upper Deraniyagala Reservoir project*

2. Project location (indicate the place(s) where project activities take place, in terms of Province, District, Division, location- provide additional description if boundary cannot be clearly demarcated) :

Upper Deraniyagala, dam location was proposed upstream of Deraniyagala on the Seethawaka Oya, about 2.5 km upstream of Deraniyagala town (coordinates-453956 E, 490901 N). The location falls in the Kegalle District and in the Deraniyagala Divisional Secretariat. The dam site crosses the Dehiowita-Deraniyagala road. The dam and reservoir area are shown in Figure below. Proposed reservoir capacity is 69 MCM at the 126 mAMSL and dam height is 56 m. Area of reservoir inundation is 320 ha and no forest cover under the inundation area.



3. Proposed date of commencement of project : *Not specified*

4. Projected date of conclusion : *Not specified*

3). Upper Deraniyagala Reservoir project

B. Rationale of the project (If a management for development results (MfDR) framework has been developed for the project, disclose the same)

5. Project objectives/ Goals: To ensure the flood protection of 1 in 100 years for the Kelani basin with implementation of Wee oya Reservoir and Lower Kelani Flood Defenses
6. Expected project outputs / Benefits:
 - i. Flood protection in Kelani basin
 - ii. Ensure water supply for Colombo city
 - iii. Enhanced hydropower production on site
7. The target beneficiaries / stake holders : 936,000 in total provided by the two upper basin reservoirs combined, plus the lower Kelani flood defences (mainly in Greater Colombo area) due to flood issues, industrial area like Port city and BOI area due to water supply
8. Is there a likelihood of any citizen being affected by the implementation of the proposed project (for example, acquisition of private property for the project, those whose livelihood may be affected, any other rights of any person being affected)? : *Yes/ No*
9. If yes, has adequate notice been provided to them and/ or have they been consulted in respect of the project? : *Yes/ No*
10. If no, explain reasons for such omission.
Study is still at the Pre-feasibility level. People will be informed if the Government decide to implement this project after carrying out the Feasibility study.
11. Provide details/ description of steps being taken to provide compensation/ reparations to affected parties, if any, where applicable and details of the institution responsible for processing applications for compensation : - *Not Applicable*
12. Justification (i.e. financial cost benefit, social cost benefit etc.):
According to the Pre-feasibility study - EIRR: 21.7% with an NPV: USD 237.0 million for Combined for Wee Oya and Upper Deraniyagala reservoirs

C. Project budget & Financial information

D. Necessary Clearances

E. Supplier/Vendor/Contractor

These item not relevant as this project is in the planning project

Any further inquiries and clarifications may be directed to:

Designation of officer in charge of providing information on the project to the public:

Additional Secretary Irrigation Development)

Telephone: 011- 2081129

E-Mail: dhammage@gmail.com

4). Flood defenses for Gampaha and Ja-ela

Date: 2019- 06-26

Ministry/ Department/ Institution: Ministry of Agriculture, Rural Economic Affairs, Livestock Development, Irrigation and Fisheries & Aquatic Resources Development

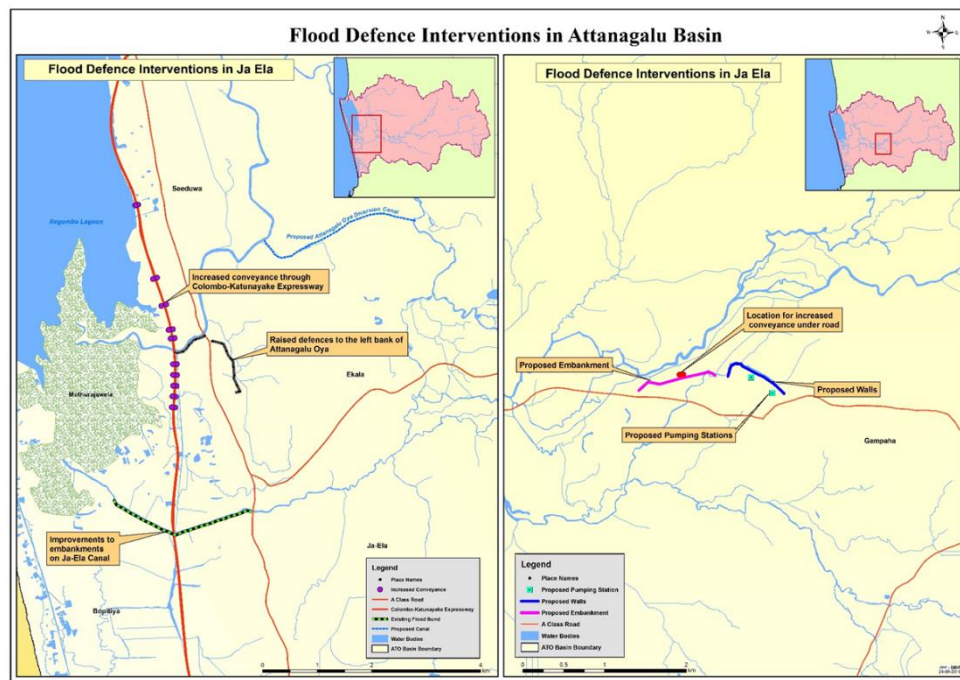
Implementing Agency: Irrigation Department

A. Details of the proposed project

1. Description of proposed project : *Flood defenses for Gampaha and Ja-ela*

2. Project location (indicate the place(s) where project activities take place, in terms of Province, District, Division, location- provide additional description if boundary cannot be clearly demarcated):

Proposed Gampaha and Ja-Ela flood bunds are located in Gampaha district, while Gampaha flood bunds located in the Gampaha DSD and Ja-Ela Flood Bunds sited in Ja-Ela and Wattala DSDs. The Proposed Embankments are shown in Figure below.



3. Proposed date of commencement of project : *Not specified*

4. Projected date of conclusion : *Not specified*

B. Rationale of the project (If a management for development results (MfDR) framework has been developed for the project, disclose the same)

5. Project objectives/ Goals: To ensure the flood protection of 1 in 25 years for Gampaha and Ja-Ela cities

6. Expected project outputs / Benefits:

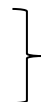
i. *Flood protection in Gampaha & Ja-Ela cities*

ii. Recommendations for future developments based on the flood zonation maps

4). Flood defenses for Gampaha and Ja-ela

7. The target beneficiaries / stakeholders : *For Gampaha- Construction affects paddy land only, An additional 164 properties are estimated to flood as a result of this intervention in a 1 in 25-year flood event. For Ja-Ela - Additional properties expected to experience increased flood water depth approximately 1,525 removed from flooding, 2,797 reduced flooding*
8. Is there a likelihood of any citizen being affected by the implementation of the proposed project (for example, acquisition of private property for the project, those whose livelihood may be affected, any other rights of any person being affected)? :- *Yes/ No*
9. If yes, has adequate notice been provided to them and/ or have they been consulted in respect of the project? :- *Yes/ No*
10. If no, explain reasons for such omission.
Study is still at the Pre-feasibility level. People will be informed if the Government decide to implement this project after carrying out the Feasibility study.
11. Provide details/ description of steps being taken to provide compensation/ reparations to affected parties, if any, where applicable and details of the institution responsible for processing applications for compensation : - *Not Applicable*
12. Justification (i.e. financial cost benefit, social cost benefit etc.):
According to the Pre-feasibility study - for Ja-Ela; EIRR: -2.9% with an NPV: USD - 20.03 million and for Gampaha; EIRR: -12.2% with an NPV: USD 1.11million

- C. Project budget & Financial information**
- D. Necessary Clearances**
- E. Supplier/Vendor/Contractor**



These item not relevant as this project is in the planning project

Any further inquiries and clarifications may be directed to:

Designation of officer in charge of providing information on the project to the public:
Additional Secretary Irrigation Development)

Telephone: *011- 2081129*

E-Mail: *dhammage@gmail.com*

5). Flood Mitigation upstream of Agaliya to the Sea

Date: 2019- 06-26

Ministry/ Department/ Institution: Ministry of Agriculture, Rural Economic Affairs, Livestock Development, Irrigation and Fisheries & Aquatic Resources Development

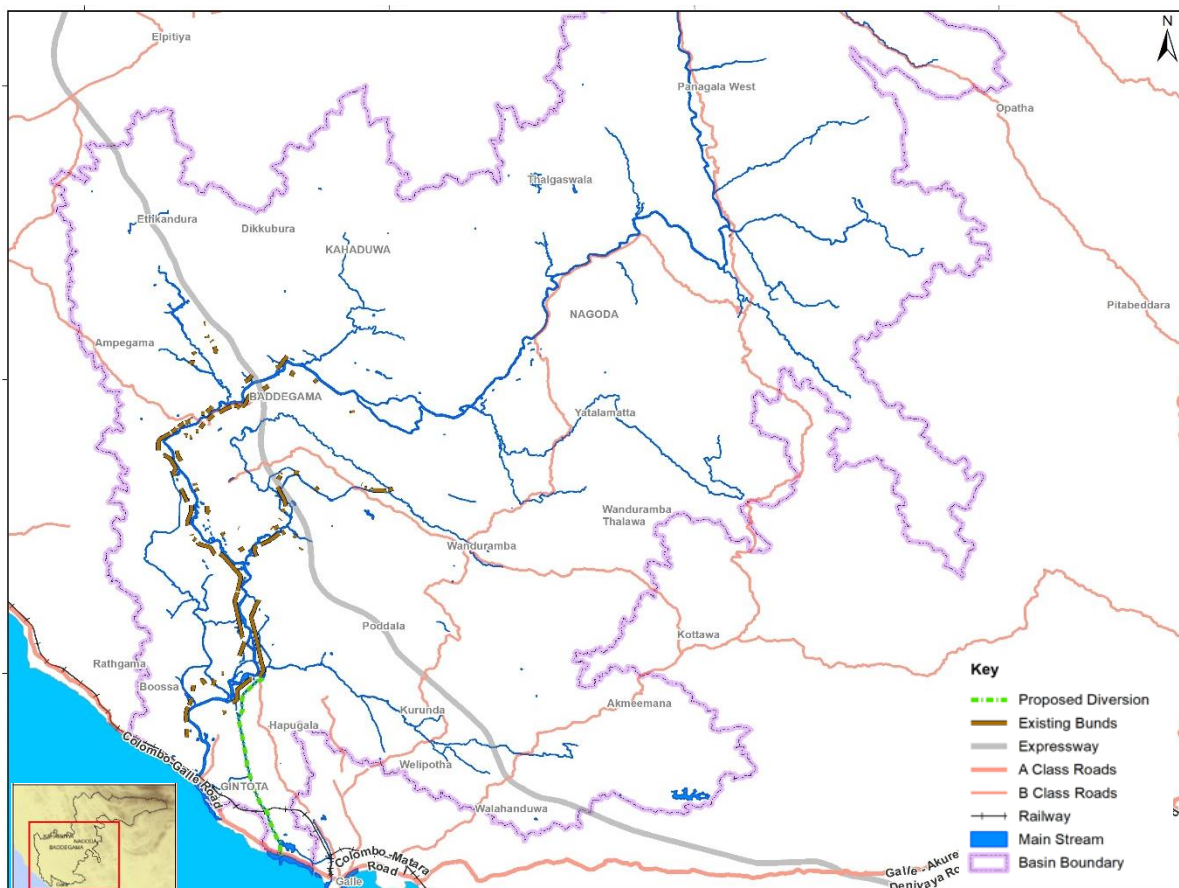
Implementing Agency: Irrigation Department

A. Details of the proposed project

1. Description of proposed project : *Flood Mitigation upstream of Agaliya to the Sea*

2. Project location (indicate the place(s) where project activities take place, in terms of Province, District, Division, location- provide additional description if boundary cannot be clearly demarcated):

There are 74 flood bunds in lower Gin ganga basin from sea mouth to Agaliya. It is expected to raise existing flood bunds along the reach of the river and expanding the existing diversion channel to Mahamodara. The Proposed options for flood mitigation in Gin ganga basin are shown in Figure below.



3. Proposed date of commencement of project : *Not specified*

4. Projected date of conclusion : *Not specified*

5). Flood Mitigation upstream of Agaliya to the Sea

B. Rationale of the project (If a management for development results (MfDR) framework has been developed for the project, disclose the same)

5. Project objectives/ Goals: *To ensure the flood protection of 1: in 25 year with pessimistic climate change scenario flood event for lower Gin ganga basin*

6. Expected project outputs / Benefits:

- i. *Increase Flood protection level in lower Gin ganga basin*
- ii. *Reduce the annual average damage due to flood*

7. The target beneficiaries / stakeholders : *97,260 people who are affected during flooding in the lower Gin ganga basin*

8. Is there a likelihood of any citizen being affected by the implementation of the proposed project (for example, acquisition of private property for the project, those whose livelihood may be affected, any other rights of any person being affected)? :- *Yes/ No*

9. If yes, has adequate notice been provided to them and/ or have they been consulted in respect of the project? :- *Yes/ No*

10. If no, explain reasons for such omission.

Study is still at the Pre-feasibility level. People will be informed if the Government decide to implement this project after carrying out the Feasibility study.

11. Provide details/ description of steps being taken to provide compensation/ reparations to affected parties, if any, where applicable and details of the institution responsible for processing applications for compensation : - *Not Applicable*

12. Justification (i.e. financial cost benefit, social cost benefit etc.):

According to the Pre-feasibility study - NPV: USD -39.4 million

C. Project budget & Financial information

D. Necessary Clearances

E. Supplier/Vendor/Contractor

These item not relevant as this project is in the planning project

Any further inquiries and clarifications may be directed to:

Designation of officer in charge of providing information on the project to the public:
Additional Secretary Irrigation Development)

Telephone: *011- 2081129*

E-Mail: *dhammage@gmail.com*

6). Flood Mitigation for Matara City

Date : 2019- 06-26

Ministry/ Department/ Institution: Ministry of Agriculture, Rural Economic Affairs, Livestock Development, Irrigation and Fisheries & Aquatic Resources Development

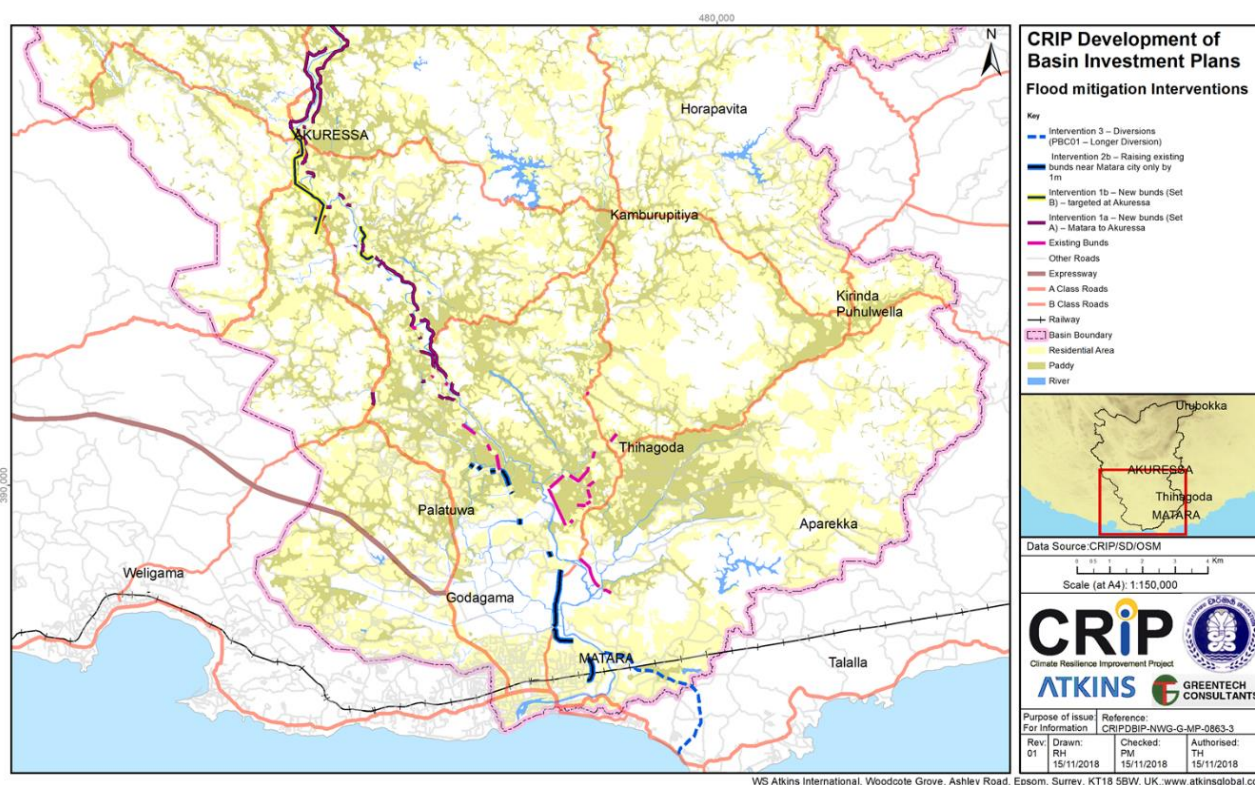
Implementing Agency: Irrigation Department

A. Details of the proposed project

1. Description of proposed project : *Flood Mitigation for Matara City*

2. Project location (indicate the place(s) where project activities take place, in terms of Province, District, Division, location- provide additional description if boundary cannot be clearly demarcated):

The Project area which covers Existing Flood Protection scheme including 29 Flood bunds are located in Lower part of the Matara District. With this study it is analyses several flood embankment options and diversions to carry flood waters around the city, including an assessment of pumping options for drainage from the city itself and finally "raising existing bunds near Matara city" selected to go forward as a feasibility study. The Project area is shown in Figure below.



3. Proposed date of commencement of project : *Not specified*

4. Projected date of conclusion : *Not specified*

6). Flood Mitigation for Matara City

B. Rationale of the project (If a management for development results (MfDR) framework has been developed for the project, disclose the same)

5. Project objectives/ Goals: *To ensure the flood protection of 1 in 10 years (pessimistic climate scenario), Similar to 1 in 25 year Standard of Protection for today's climate for the Nilwala basin with improvement of Existing Flood Defenses around lower Nilwala basin*
6. Expected project outputs / Benefits:
 - i. *Flood protection in Nilwala basin*
7. The target beneficiaries / stake holders : *148 014 in total provided by the Improving the Nilwala flood defenses due to flood issues in Lower Nilwala Basin*
8. Is there a likelihood of any citizen being affected by the implementation of the proposed project (for example, acquisition of private property for the project, those whose livelihood may be affected, any other rights of any person being affected)? : *Yes/No*
9. If yes, has adequate notice been provided to them and/ or have they been consulted in respect of the project? : *Yes/No*
10. If no, explain reasons for such omission.
11. Provide details/ description of steps being taken to provide compensation/ reparations to affected parties, if any, where applicable and details of the institution responsible for processing applications for compensation : *Not Applicable*
12. Justification (i.e. financial cost benefit, social cost benefit etc.):
According to the Pre-feasibility study - EIRR: 67.7% with an NPV: USD 33.4 million for the project

- C. Project budget & Financial information**
D. Necessary Clearances
E. Supplier/Vendor/Contractor

These item not relevant as this project is in the planning project

Any further inquiries and clarifications may be directed to:

Designation of officer in charge of providing information on the project to the public:
Additional Secretary Irrigation Development)

Telephone: *011- 2081129*

E-Mail: *dhammage@gmail.com*

7). Flood Mitigation for Allai Scheme and Vicinity

Date: 2019- 06-26

Ministry/ Department/ Institution: Ministry of Agriculture, Rural Economic Affairs, Livestock Development, Irrigation and Fisheries & Aquatic Resources Development

Implementing Agency: Irrigation Department

A. Details of the proposed project

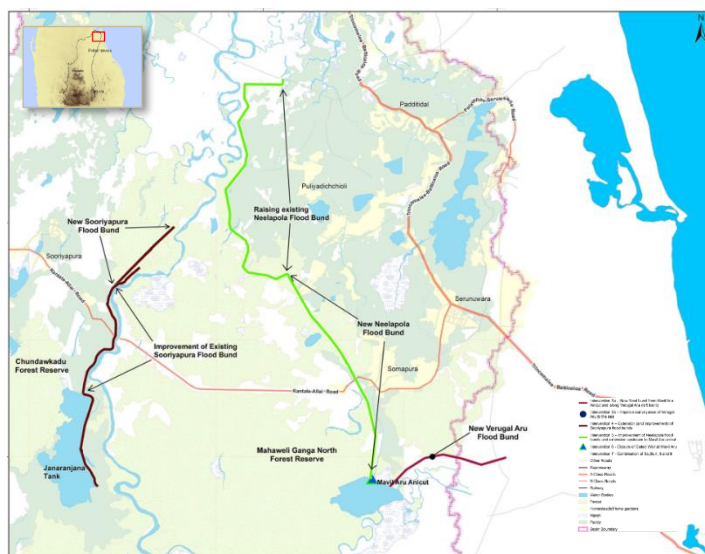
1. Description of proposed project : *Flood Mitigation for Allai Scheme and Vicinity:*
Mahaweli Ganga basin is the largest basin of Sri Lanka, extending across Central, North-Central and Eastern Provinces. The upper basin is situated primarily in the wet zone of Sri Lanka whilst the lower basin is situated in the dry zone. The lower basin is susceptible to periods of both flooding and drought. The Allai Irrigation Scheme is in the lower Mahaweli Ganga basin and has a command area of approximately 10,000 hectares. This study focuses on investigating means of protecting the Allai Irrigation Scheme comprising.

- i. Existing Neelapola bunds along the right bank of Mahaweli Ganga.
- ii. Extension of Neelapola bund to the Mavil Aru Anicut.
- iii. New bund along the left bank of Verugal Aru from the Mavil Aru anicut.

2. Project location (indicate the place(s) where project activities take place, in terms of Province, District, Division, location- provide additional description if boundary cannot be clearly demarcated):

The locations investigated to protect the Allai Irrigation Scheme are:

- The Kandakadu Aru and Verugal Aru branches of the Mahaweli Ganga;
- Mavil Aru anicut;
- Verugal Aru (downstream of Mavil Aru anicut); and,
- Neelapola flood bunds (Mahaweli Ganga right bank). The project area is shown in Figure below.



7). Flood Mitigation for Allai Scheme and Vicinity

3. Proposed date of commencement of project : *Not specified*
4. Projected date of conclusion : *Not specified*

B. Rationale of the project (If a management for development results (MfDR) framework has been developed for the project, disclose the same)

5. Project objectives/ Goals: *To ensure the flood protection of 1 in 25 years for the Allai Scheme and surrounding area (Up to Verugal Area)*
6. Expected project outputs / Benefits:
 - i. *Flood protection for Allai Scheme.*
 - ii. *Agricultural Benefits.*
7. The target beneficiaries / stakeholders: *Not determined but improving the resilience of the Allai scheme from flooding would directly benefit the local farmers and indirectly benefit the population in Trincomalee district who rely on agricultural output from the scheme.*
8. Is there a likelihood of any citizen being affected by the implementation of the proposed project (for example, acquisition of private property for the project, those whose livelihood may be affected, any other rights of any person being affected)? : *Yes/ No*
9. If yes, has adequate notice been provided to them and/ or have they been consulted in respect of the project? : *Not Applicable*
10. If no, explain reasons for such omission. : *None, because of using existing alignment and any new works proposed in forest land.*
11. Provide details/ description of steps being taken to provide compensation/ reparations to affected parties, if any, where applicable and details of the institution responsible for processing applications for compensation : *Not Applicable*
12. Justification (i.e. financial cost benefit, social cost benefit etc.):
According to the Pre-feasibility study - EIRR: NA%; with an NPV: NA

- C. Project budget & Financial information**
D. Necessary Clearances
E. Supplier/Vendor/Contractor

These item not relevant as this project is in the planning project

Any further inquiries and clarifications may be directed to:

Designation of officer in charge of providing information on the project to the public:
Additional Secretary Irrigation Development)

Telephone: 011- 2081129

E-Mail: dhammage@gmail.com

8). Enhanced Water Resources at Mavil Aru Anicut

Date: 2019- 06-26

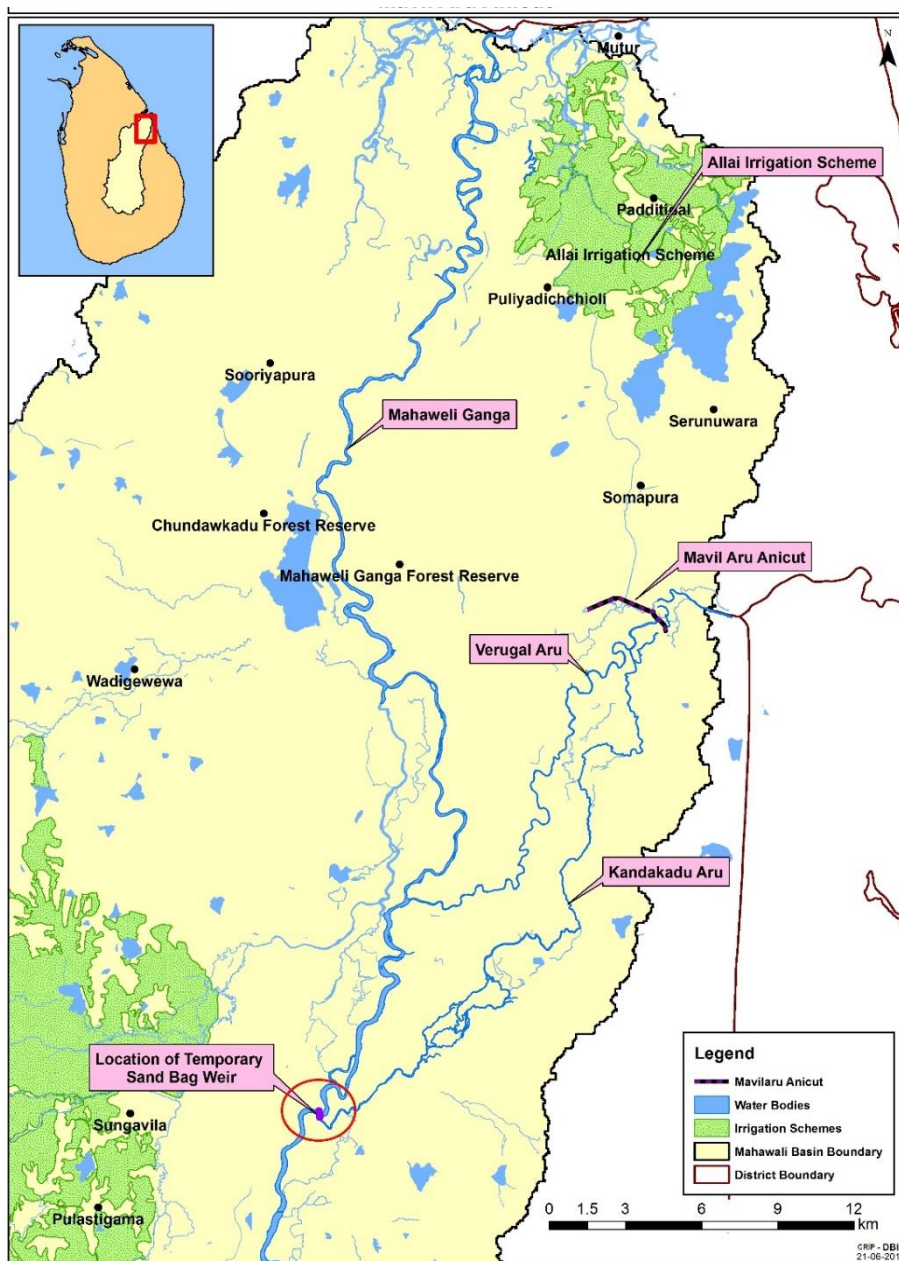
Ministry/ Department/ Institution: Ministry of Agriculture, Rural Economic Affairs, Livestock Development, Irrigation and Fisheries & Aquatic Resources Development

Implementing Agency: Irrigation Department

A. Details of the proposed project

1. Description of proposed project : *Enhanced Water Resources at Mavil Aru Anicut:*

2. Project location (indicate the place(s) where project activities take place, in terms of Province, District, Division, location- provide additional description if boundary cannot be clearly demarcated) :- *Kandakdu and Allai Scheme*
The project area is shown in Figure below.



3. Proposed date of commencement of project : *Not specified*

8). Enhanced Water Resources at Mavil Aru Anicut

4. Projected date of conclusion : *Not specified*
- B. Rationale of the project (If a management for development results (MfDR) framework has been developed for the project, disclose the same)
 5. Project objectives/ Goals: *Construct a permanent diversion structure across Mahaweli Ganga at Kandakadu instead of temporarily sand bag dam to thrive the water supply to the Allai scheme during low flows.*
 6. Expected project outputs / Benefits :
 - i. *Reduce plastic waste (over 8,000 polypropylene sand bags are needed for the temporary dam built annually).*
 - ii. *Control of water flow in the Mahaweli Ganga during low dry season flows has significant environmental benefits, including contribution to baseflow (groundwater), ecosystem support and other bequest value (recreation, sanitation, diffusion of contamination etc.,).*
 - iii. *Ability to drop weir to ensure unhindered flow and reduce short term flood risk at the start of the flood season.*
 - iv. *Improved reliability of water transfer to Allai Irrigation Scheme would mitigate social unrest from hardship due to water scarcity.*
 - v. *Reduce burden (and risk) to local farmers who have to work in the river to construct the temporary weir.*
 7. The target beneficiaries/ stakeholders: *Not determined but improving the resilience of the Allai scheme from flooding would directly benefit the local farmers and indirectly benefit the population in Trincomalee district who rely on agricultural output from the scheme.*
 8. Is there a likelihood of any citizen being affected by the implementation of the proposed project (for example, acquisition of private property for the project, those whose livelihood may be affected, any other rights of any person being affected)? : ~~Yes~~/No
 9. If yes, has adequate notice been provided to them and/ or have they been consulted in respect of the project? : *Not Applicable*
 10. If no, explain reasons for such omission.
None, because of using existing alignment and any new works proposed in forest land.
 11. Provide details/ description of steps being taken to provide compensation/ reparations to affected parties, if any, where applicable and details of the institution responsible for processing applications for compensation : - *Not Applicable*

8). Enhanced Water Resources at Mavil Aru Anicut

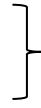
12. Justification (i.e. financial cost benefit, social cost benefit etc.):

According to the Pre-feasibility study - EIRR: NA; with an NPV: USD - 24.8 million

C. Project budget & Financial information

D. Necessary Clearances

E. Supplier/Vendor/Contractor



These item not relevant as this project is in the planning project
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Any further inquiries and clarifications may be directed to:

Designation of officer in charge of providing information on the project to the public:
Additional Secretary Irrigation Development)

Telephone: 011- 2081129

E-Mail: *dhammage@gmail.com*

9). Flood Mitigation for Anuradhapura

Date: 2019- 06-26

Ministry/ Department/ Institution: Ministry of Agriculture, Rural Economic Affairs, Livestock Development, Irrigation and Fisheries & Aquatic Resources Development

Implementing Agency: Irrigation Department

A. Details of the proposed project

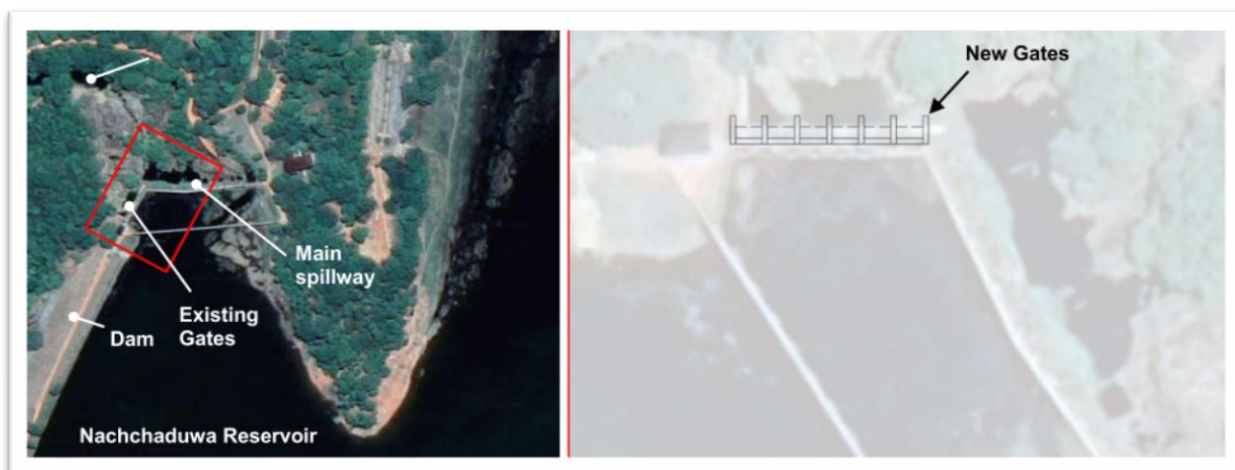
1. Description of proposed project : *Anuradhapura City Flood Protection Project*

2. Project location (indicate the place(s) where project activities take place, in terms of Province, District, Division, location- provide additional description if boundary cannot be clearly demarcated):

Proposed Flood Protection Project is located in Anuradhapura district. The area covered by the project is Nachchaduwa reservoir and Anuradhapura city limits.

The suggested flood mitigation interventions are:

- a. *Operational regime changes to draw down Nachchaduwa reservoir levels down prior to large rainfall / storm events*
- b. *Increased gate discharge capacity from Nachchaduwa Reservoir into the Malwathu Oya*



3. *Proposed date of commencement of project : Not specified*

4. *Projected date of conclusion : Not specified*

B. Rationale of the project (If a management for development results (MfDR) framework has been developed for the project, disclose the same)

5. Project objectives/ Goals: *To ensure the flood protection of 1 in 25 years Standard of Protection (SoP) for Anuradhapura city*

6. Expected project outputs / Benefits:

- i. *Flood protection for Anuradhapura city*

9). Flood Mitigation for Anuradhapura

7. The target beneficiaries / stakeholders :

There will be a reduction in flood damages in the lower Malwathu Oya basin downstream of the Nachchaduwa reservoir, particularly centered around the populated Anuradhapura City. The direct economic benefits will comprise the reduction in flood damages/losses to the following assets: (i) residential, commercial, industrial and public buildings, (ii) public infrastructure (e.g. roads and railways), (iii) building contents, (iv) vehicles and (v) agricultural crops.

8. Is there a likelihood of any citizen being affected by the implementation of the proposed project (for example, acquisition of private property for the project, those whose livelihood may be affected, any other rights of any person being affected)? : ~~Yes~~/No

9. If yes, has adequate notice been provided to them and/ or have they been consulted in respect of the project? : ~~Yes~~/ No

10. If no, explain reasons for such omission.

People are not affected by the Nachchaduwa gate replacement and operational regime changes. However, there may be a requirement to construct flood embankments along the lower elevated areas near Anuradhapura city to avoid city flooding. As a result, there may be a requirement of resettling few people for flood embankment construction. Further details on this requirement will be assessed during feasibility stage of the study and people will be informed if the Government decide to implement this project after carrying out the Feasibility study.

11. Provide details/ description of steps being taken to provide compensation/ reparations to affected parties, if any, where applicable and details of the institution responsible for processing applications for compensation : *Not Applicable*

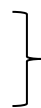
12. Justification (i.e. financial cost benefit, social cost benefit etc.):

According to the Pre-feasibility study - EIRR: 39% with an NPV: USD 9.64 million

C. Project budget & Financial information

D. Necessary Clearances

E. Supplier/Vendor/Contractor



These item not relevant as this project is in the planning project

Any further inquiries and clarifications may be directed to:

Designation of officer in charge of providing information on the project to the public:
Additional Secretary Irrigation Development)

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E-Mail: dhammage@gmail.com