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விவசாய நவீகமாக்கல் திட்டம்
Agriculture Modernization Project



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Ministry of Agriculture
கமத்தொழில் அமைச்சு

Social Screening Report

Improvement of Access Road to Wakkadahinna Potato Cluster 3km Carpet Laying



**Project Management Unit
Agriculture Sector Modernization Project
October 2021**

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Abbreviations

AI	Agriculture Instructor
ASMP	Agriculture Sector Modernization Project
ASC	Agrarian Service Center
ATDP	Agricultural Technology Demonstration Park
CBO	Community Based Organization
DDR	Due Diligence Report
DSD	Divisional Secretary Division
EMF	Environmental Management Framework
EMP	Environmental Management Plan
ESR	Environmental Screening Report
FO	Farmers Organization
FPO	Farmers' Production Organization
GAP	Good Agricultural Practices
GND	Grama Niladari Division
GoSL	Government of Sri Lanka
IDA	International Development Association
IEE	Initial Environmental Examination
IPM	Integrated Pest Management
LGA	Local Government Authority
MOA	Ministry of Agriculture
MOPI	Ministry of Primary Industries
NIRP	National Involuntary Resettlement Policy
NGO	Non-Governmental Organization
OP	Operational Policy
PAP	Project Affected Persons
PCR	Physical Cultural Resources
PMP	Pest Management Plan
PMU	Project Management Unit
SLRs	Sri Lanka Rupees

Agriculture Sector Modernization Project Social Screening Report

a. Sub-Project Identification

Sub-Project title	Improvement of Access Road to Wakkadahinna Potato cluster 3 km carpet laying
Parent Project Objectives (briefly)	<p>The Agriculture Sector Modernization Project (ASMP) aims at supporting the Government of Sri Lanka's effort to modernize the agriculture sector through the Country Partnership Strategy (CPS). The project seeks to contribute to two CPS focus areas, namely: "Supporting structural shifts in the economy" and "Improved living standards and social inclusion" through (a) improving agricultural productivity and competitiveness to strengthen the links between rural and urban areas and facilitate Sri Lanka's structural transformation; (b) providing and strengthening rural livelihood sources, employment opportunities in agriculture and along agriculture value chains, as well as market access for the 40 percent poorer and vulnerable people, hence improving income sources and livelihood security in lagging rural areas; and (c) contributing to improved flood and drought management, through project's linkages to the water and irrigation sectors and a climate-smart agriculture approach.</p> <p>The Project Development Objectives are to support increasing agriculture productivity, improving market access, and enhancing value addition of smallholder farmers and agribusinesses in the project areas.</p>
Project Proponent	Ministry of Agriculture, Agriculture Sector Modernization Project (ASMP)
Implementing Agency	Welimada Pradeshiya Sabha
Project Management Team	<p>A Project Management Unit (PMU) has been established under the Ministry of Agriculture to implement the proposed project activities.</p> <p>Contact Persons:</p> <p>Project Director Agriculture Sector Modernization Project Ministry of Agriculture No. 123/2 Pannipitiya Road, Battaramulla Tel: +94 112 877 550, Fax: +94 112 877 546 Email: projectdirectorasmp2@hotmail.com Web: https://www.asmp.lk/</p> <p>Environmental and Social Safeguards Specialist Agriculture Sector Modernization Project Ministry of Agriculture No. 123/2 Pannipitiya Road, Battaramulla Tel: +94 112 877 550, Fax: +94 112 877 546 Email: sanjayadms@hotmail.com Web: https://www.asmp.lk/</p> <p>Nature of Consultations and Inputs Received</p>

	Consultations with Environmental and Social Safeguard Specialist/ PMU and field visits to the project site.
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b. Sub-Project Location

<p>Location (Google Map)</p> <p>Start: N: 6°54'23.94" E: 80°50'55.01"</p> <p>End: N: 6°53'35.29" E: 80°51'18.83"</p>	<p>The road section identified for rehabilitation is located in Wakkadahinna Village in both Keppetipola and Vidurapola GNDs of Welimada DS division in Badulla district (belongs to Uva Province). The location map is annexed as Annex 2.</p>  <p style="text-align: center;">Figure 1: Location Map</p>
<p>Definition of Project Area / Project Impact area</p>	<p>The approximate land extent of Welimada DSD is 18,800ha and per capita, land consumption is 0.2ha. There are 300 farmers who are planning to select for this Good Agricultural Practice (GAP) technology. The project area is a 3km long road. From the start to the top of the hill up to Wakkadahinna, either side of the road is Tea plantation. This proposed road falls within Malwatte Valley Plantation which starts at A005 Peradeniya-Badulla-Chenkaladi Road at Padinawala. This road is been used both by Plantation workers and people who live and cultivate. People who cultivate in Wakkadahinna, daily use this road. Altogether 340 farmers will be directly involved to produce the seed potato on 260 acres extent farmlands under this subproject. All the farmers in the area usually cultivate vegetables during both seasons of the year on their uplands and paddy lands as well. Except for small-scale farmlands, plantation company-owned land of the area is covered by plantation crops such as Tea.</p>

	 <p style="text-align: center;">Figure 2: A Tea cultivation of the area</p> <p>The main food crop which is grown by the farmers in this area is potato (once a year). As for the vegetable crops, farmers grow carrots, cabbage, beans, radish, tomatoes, capsicum, etc... Farmers do the cultivations during both seasons but they have to irrigate the crops during Yala season since the rainfall is not enough for crop management. Farmers have cultivated especially fruit-bearing trees and timber trees as the perennial crops on their home gardens.</p>  <p style="text-align: center;">Figure 3: Existing Vegetable cultivation land in Wakkadahinna</p>
<p>Adjacent land and features</p>	<p>The predominant land use of the project area is Plantation. The road runs only through Malwatte Valley Plantation as the Wakkadahinna vegetable cultivation lands are located at the end of the road on the top of the hill. There are a few buildings belonging to Malwatte Valley Plantation such as Stores, Buying Office, Weighing office, fertilizer stores, bungalow, etc. In addition, there are houses belonging to estate workers and a new housing scheme (Ch.: 1+700km) being constructed on the side of the road.</p>

c. Sub-Project Justification

<p>Need for the project</p>	<p>In terms of developing the seed potato clusters in Wakkadahinna, the rehabilitation of a 3km road has been identified as critical. The road users are living in both Keppetipola and Vidurapola GNDs and surrounding other areas and the majority of their lands where they cultivate are in Wakkadahinna.</p>
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<p>(What problem is the project going to solve)</p>	<p>Wakkadahinna is located on a peak of a hill which is very difficult to access as the road is not fully constructed. The villagers who are living in Wakkadahinna are using the road to access the market and get their inputs for agricultural activities. The women, elderly persons, children, and especially other vulnerable persons use the road to access the market, government institutions, hospitals, and schools. The existing road is nearly 1.7km in dilapidated condition and road users face many difficulties when it uses. Therefore, urgent intervention is needed to rehabilitate the road otherwise it will directly impact the proposed seed potato cluster formation. The damaged road section is currently getting eroded during the heavy rainy period and creating many environmental issues. Hence, farmers have to pay an additional cost to transport the product. The residents of the area also face difficulties using the road to access the market, schools, hospitals, and other institutions. Especially, elderly persons, children, and other vulnerable people face difficulties due to existing conditions of the road.</p>
<p>Purpose of the project (what is going to be achieved by carrying out the project)</p>	<p>Two hundred and sixty acres of highly suitable lands for potato seed production in higher elevations will be selected from the Boralanda and Keppetipola areas of Welimada Ds division in Badulla district. Farmers having 1/2 or above land extents in these areas who are willing to participate in a seed potato production program will be selected. Priority will be given to those farmers who are already in the potato seed production business. The expected number of farmers suitable for seed potato production is about 340. Two farmer organizations will be formed to organize effective production management and marketing management. Common storage facilities will be constructed in two places in Boralanda, and Keppetipola areas. Management of these stores will be done by proposed farmer producer organizations. Providing production and marketing infrastructure required for seed production cluster to improve access to the lands and facilitate marketing and storage of seed potato produced by a proposed project supported seed producers. Hence, having an improved infrastructure system will be very important. Rehabilitation of Wakkadahinna 3km road stretch will have the following benefits. The rehabilitation of this road will results more social, environmental and economic benefits to the people such as;</p> <ul style="list-style-type: none"> ▪ Improve the market access to the farmers indirectly increases their income ▪ Reduce the vehicle maintenance cost for the farmers by improving road condition ▪ Reduce the extra transportation cost ▪ Improve the storm water drainage of the road section and reduce the soil erosion in both road and the nearby farmlands ▪ Improve the accessibility for households ▪ More benefits for elderly persons, children, and other vulnerable communities by improving the road ▪ Enhance the road users' safety
<p>Beneficiaries</p>	<p>By reconstructing this particular road section, about 340 farmers who will be selected for the Seed Potato Cluster will be directly benefitted. In addition, there are about 500 families who live and work along this road especially in the Malwatte Valley Plantation and they will also be directly benefitting as</p>

	this road will be their main road access. Malwatte Valley Plantation will also benefit from this road improvement.
Alternatives considered (different ways to meet the project need and achieve the project purpose)	There is no other road section which can be used instead of using this road. Hence, the availability of alternatives is NILL.

d. Sub-Project Description

Proposed Start Date (Duration)	October 2021 (07 Months)
Proposed completion Date	April 2022
Estimated total cost	SLRs 66.23MM
Land Ownership	<p>The Wakkadahinna road is owned and maintained by Welimada Pradeshiya Sabha. The identified road starts at Padinawala on A5 road and runs through steep hilly plantations up to the top of Wakkadahinna village. The total length of the road section identified to rehabilitate is nearly 3.0km. The existing width of the road is nearly 15 feet. The entire road stretch is restricted by Malwatta Valley Tea Plantation. On top of the hill at Wakkadahinna, all the lands where seed potato cultivation is planned. At present, these lands are also been vegetable cultivated. Potato has also been cultivated once a year. The entire road stretch won't be able to asphalt as nearly 1.3km out of 3km is asphalted and paved interlocked. The consent form of the Welimada Pradeshiya Sabha is annexed as Annex 5.</p> <div style="display: flex; justify-content: space-around;">   </div>

	 <p style="text-align: center;"><i>Figure 4: Present condition of the road</i></p>
<p>Planned Interventions</p>	<p>Since the potato cluster is located in the higher elevation areas in the district, improvement of the highly degraded existing access road becomes very important to facilitate easy access to the cluster and material transportation. The total length of the existing Wakkadahinna road is 3km and out that nearly 1.3km is already asphalted and paved interlocked. Hence, asphalt laying will be limited to 1.7km length and no scope for widening the road as there is no space.</p> <p>Further, upon completion of rehabilitation, it will smoothen the movement of people, goods, and transport services and improve access to markets. Improved road will contribute to access to village and markets. It will also enhance the quality of life of the village farmers as they will have better access to their farmland and houses. They will be able to save money due to less maintenance cost of their vehicles and decreases the additional transportation cost of their products.</p> <p>The civil works of sub project includes;</p> <ul style="list-style-type: none"> • Clearing and grubbing • Road ROW excavation including Rock excavation • Edge Treatment • Embankment Construction • Laying of Subgrade • Improve the roadside drains to drain out storm water • Shoulder filling • Nearly Six culverts to be constructed/rehabilitated • Laying of Asphalt (both Binder course and wearing course) for about 1.7km length <p>The designs of the proposed road rehabilitation are annexed as Annex 3 and 4. The subproject activities are planned to implement within the two cultivation seasons to avoid disturbances for the farmers’ cultivation or any other livelihood activities.</p>
<p>Beneficiary selection criteria and process</p>	<p>The ASMP field staff conducted consultations with the department of agriculture officials and the relevant stakeholders of the area such as Pradeshiya Sabha to identify the need of this area. The selection of this road section is a critical requirement in terms of developing a Seed Potato cluster in the Wakkadahinna area. Due to the poor condition of this road, investment in this cluster will not be gaining the expected results unless this infrastructure is improved and easy market access is enabled. However, this project will be implemented and maintained by the PS Welimada.</p>

Vulnerable groups and Gender	<p>More than 40% of the direct beneficiaries of the project are female and vulnerable groups. Further, as indirect beneficiaries of the project, the disadvantaged groups like women, children, and elderly persons will be benefitted from access to services for health, schools, temple, marketing in the GN area.</p> <p>However, this improvement of the Wakkadahinna road sub-project is a part and partial of developing the Seed Potato Cluster in Wakkadahinna. Hence, there will be no direct vulnerable groups connected with this sub-project but overall vulnerable and gender groups eligible for the Seed Potato Cluster will directly benefit.</p>
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e. Description of the socio-economic environment

Community Profile	<p>The total population of the selected two GNDs (Keppetipola and Vidurapola) is 4,903 comprises 49.9% males and 50.1% females. Per head land use is around 2.9 ha and per household land use is 9.8ha. Out of the total workforce, 28.2% is employed in agriculture sector activities, 14.3% is engaged with the manufacturing sector, 13.9% is employed in the industrial sector and 12.1% is engaged in the skilled labor category. Other sectors are a minor and low contribution to the economy. With compared to other areas selected for ASMP, this district shows a high percentage of occupants in the manufacturing sector and skilled labor sector The average monthly household's income is SLRs. 32,580/= and the average monthly household expenditure is SLRs. 31,807/-. The community that lives below the poverty line is around 11.3 %-(Statics in 2012/13). With compared to other areas selected for ASMP, this district shows a high percentage of occupants in the agriculture sector. A high percentage of the community is poor 9live below the poverty line).</p> <p>There are no major irrigation systems in this area and all farmers have converted their paddy cultivation land into vegetable growing sites. During both seasons, farmers cultivate vegetable crops on uplands and low lands. During Yala season; farmers are cultivating vegetable crops with irrigated water.</p> <p>The farmers have constructed their residential houses on upland and timber trees & fruit-bearing trees are planted in balance parts of the land. The Traditional, economic and cultural activities were not observed.</p>
Project Benefits	<ul style="list-style-type: none"> • Cost and time required for transportation of farmers' inputs and harvest will be reduced by improving the road • Enhancement of transportation facilities will encourage the farmers in the area • Villagers' access to school, hospital and other service delivery agencies will be improved • The vehicle repair cost will be minimized by improved road surface • Increase the safety of road users during rainy seasons

Social Impact	<p>No land acquisition is required and no resettlement impacts are anticipated due to these project interventions. The anticipated negative social impacts of the proposed project will be minor or insignificant rather, it will generate a positive social impact such as enhancing community cohesiveness, reducing the cost of transportation, improving lifestyle, accessibility improvement on social infrastructures, etc.</p> <p>However, the following negative impacts are listed to get emphasis in the project selection and implementation.</p> <ol style="list-style-type: none"> 01. Construction impacts such as noise, vibrations, and dumping of excavated soil 02. Disturbances for day to day activities (accessibility issue) 03. Labor influx during the construction period (it can be assumed maximum 15-20 laborers, and about 5 officers will be recruited from outside the area) 04. Public/ occupational safety Hazards, and impacts on the environment during the construction period
Mitigation Measures	<p>Proposed migratory measures for the social impacts listed above:</p> <p>01. Construction impacts such as noise, vibrations and dumping of excavated soil</p> <p>Anticipated impacts due to the construction will be generic and most of the impacts will be mitigated by following good construction practices. Noise and vibration will be reduced by maintaining the construction machinery and limiting the construction activities in the daytime only. The excavated soil will be used to rehabilitate the surroundings on the road and landscaping of the area. Further, SMP is addressed the migratory measure in detail to be implemented during the construction (annex 01).</p> <p>02. Disturbances for day to day activities (accessibility issue)</p> <p>To minimize/avoid disturbances to the users, rehabilitation activities should be phase out and maximum length at a time can be restricted to 250m. Further, necessary awareness should be carried out before starting construction activities and notice boards/sign boards should be displayed both ends in all three languages especially in Sinhala and Tamil languages.</p> <p>03. Labour influx during the construction</p> <p>The Contractor should limit recruitment of alien labors. Labors will be hired where possible from the local community and contractors will give priority to women when hiring. Worker Code of Conduct will be included as part of the employment contract - that defines workers' commitment in attitudes and behavior preventing, combating, and responding to GBV. The contractor will implement robust measures to prevent sexual harassment/GBV including training of workforce and sanctions for non-compliance (e.g. termination).</p> <p>05. Public/ occupational safety Hazards, and on impacts on environment</p> <p>All measures in the Environment Management Plan (EMP) will be implemented in regard to management. Necessary COVID19 safety measures and protocols will be implemented as per Government, WHO, and WB guidelines by all construction workers.</p>

Table 1: Matrix of Social Risks & Impacts

Activities	Land requirements	Risk of exclusion of vulnerable groups	Construction impacts	Risks due to labour influx	Risk of livelihood impacts	Public/ occupational health and safety Hazards	COVID19 risks
Clearing and grubbing	land owned by PS		Yes	Yes		Yes	Yes
Road ROW excavation including Rock excavation	land owned by PS		Yes	Yes		Yes	Yes
Edge Treatment and Embankment Construction	land owned by PS		Yes	Yes		Yes	Yes
Laying of Subgrade	land owned by PS		Yes	Yes		Yes	Yes
Improve the roadside drains to drain out storm water	land owned by PS		Yes	Yes		Yes	Yes
Shoulder filling and Nearly Six culverts to be constructed/ rehabilitated	land owned by PS		Yes	Yes		Yes	Yes
Laying of Asphalt (both Binder course and wearing course) for about 1.7km length	land owned by PS		Yes	Yes		Yes	Yes

f. Social Impacts Management Plan (SIMP)

SN	Issues/ Impacts and risks	Mitigation Measures	Institutional Responsibility		Mitigation Cost
			Implementati on	Supervision/ Monitoring	
1	Public complaints and lack of community awareness and support for the project implementation	<ul style="list-style-type: none"> Residents in the area will be briefed on the project, purpose and design, and outcomes with comprehensive discussion. Consultations will be repeated once the contractor is mobilized. The GRM will be established to receive and resolve complaints/ grievances related to disturbances caused by construction including GBV related issues. Awareness will be created of the GRM among the community and contact details will be publicly displayed to report grievances. 	Social/Envir onment safeguard officer / PPMU Engineer	PMU	Included in EMP
2	Construction related disturbances from noise, Vibration, Dumping of excavated soil & dust	<ul style="list-style-type: none"> All measures in the Environment Management Plan (EMP) will be implemented in regard to the management of construction-related impacts including impacts to the environment including pollution, deforestation, soil erosion, and management of solid waste. A copy of the SMP and EMP should be available at all times at the project supervision office on site. An Officer will be appointed to implement & monitor social/environmental safeguards mitigations measures during construction. 	Contractor	Social/Envir onment safeguard specialist	Included in EMP

SN	Issues/ Impacts and risks	Mitigation Measures	Institutional Responsibility		Mitigation Cost
			Implementation	Supervision/ Monitoring	
3	Labour Influx related issues (e.g. GBV)	<ul style="list-style-type: none"> Local labor will be hired where possible and contracts will give priority to women when hiring. Worker Code of Conduct will be included as part of the employment contract - that defines workers' commitment in attitudes and behavior preventing, combating, and responding to GBV. Contractor will implement robust measures to prevent sexual harassment/GBV including training of workforce and sanctions for non-compliance (e.g. termination). 	Contractor	Social/Environment safeguard specialist	Included in construction cost.
4	Public/ occupational safety Hazards, and on impacts on environment.	<ul style="list-style-type: none"> All measures in the Environment Management Plan (EMP) will be implemented in regard to management. Necessary COVID19 safety measures and protocols will be implemented as per Government, WHO, and WB interim guidelines on COVID-19 (Annex 5) by all construction workers. 	Contractor	Social/Environment safeguard specialist	Included in EMP

g. Stakeholders Engagement and Public consultation

01. Stakeholders Engagements

Welimada Pradeshiya Sabha is the main technical expert who assists to implement the subproject. Uva Province Engineering Service Department is also engaging with the subproject since they are directly mobilizing the technical services such as designing and construction supervision in the field. The GNs of particular GND represents the DS- Welimada for the subproject identification stage.

During the social and environmental screening process, the Provincial Project Management Unit- Uva Province of ASMP, Welimada Pradeshiya Sabha, Provincial Engineering Service Department, and the GNs were consulted. Meantime ASMP has taken actions to conduct the stakeholders' consultation starting from the subproject identification stage up to finalizing the subproject's design. It was a good tool to maintain transparency within the stakeholders and the community as well. Due to the impact of the fruitful consultation process undertaken by the ASMP, all stakeholders actively get to participate in subproject monitoring activities.

02. Public Consultation & Information disclosure

During the social screening process, the Provincial Project Management Unit- Uva Province of ASMP, Welimada Pradeshiya Sabha, Provincial Engineering Service Department, and the Keppetipola and Vidurapola GNs were consulted. Meantime ASMP has taken actions to conduct the stakeholders' consultation starting from the subproject identification stage up to finalizing the subproject's design. It was a good tool to maintain transparency within the stakeholders and the community as well. Due to the impact of the fruitful consultation process undertaken by the ASMP, all stakeholders actively get to participate in subproject monitoring activities.

The community and farmer organization members were consulted by the project staff during the project and beneficiaries selections. Furthermore, a rapid community consultation was conducted in the screening with bearing in mind the COVID19 situation. The community consultation discussion of the screening is summarized below;

The initial consultation meeting was conducted by ASMP with the participation of DOA and Farmers organizations and other stakeholders to explain the subproject at the GND level. The community presented their concerns on the cluster activities during discussions. The identification of beneficiaries will be done in a transparent manner and at the initial stage, about 120 farmers will be selected who comply with eligibility criteria. During the social and environmental screening process, individual consultations had with the surrounding farmers.

Name	Detail	Matters Discussed/ Suggestions
P.S.K. Pathirana (Male, The Social Mobilizer of the EU Cluster Program deployed by ASMP)	Has more than 20 years of experience in soil conservation activities of upland and good agricultural practices on vegetable cultivation in the area.	He mentioned that he visits often the Keppetipola and Vidurapola GNDs where the beneficiary farmers of the program live and creates awareness. He has maintained a good rapport with the beneficiary farmers.
W.M. Podimanike (Female, 68 years old, widower),	She has no permanent income and depends on the social welfare scheme of the government.	She mentioned that she is not a beneficiary farmer of the cluster program but there will be available a labor requirement in the village by enhancing the potato farmers' activities. Then she will have a chance to earn by working on the potato farmlands. In addition, improving

		the existing road will decrease the transportation cost and the time. Currently, three-wheel taxis charge SLRs. 350/- to 450/- per one time from Keppetipola town to the village. If the road is in good condition the cost will be decreased up to SLRs. 250/- to 300/-. Therefore, it will be a positive gain for them.
S. Sivaneshvaran (Labour, 47 Yrs.)	He is working in Malwaththavalley Plantation as a Labor and lives with his wife and a daughter. 	He has cultivated vegetables requires only for his daily consumption at his home garden. No land to grow the vegetables on a commercial scale. When we visited the site he was cleaning the roadside drain near his home garden. Due to absence of the road regular maintenance, the edge of his home garden is wash off during the rainy season. Therefore, road improvement is highly appreciated by him. He mentioned that poor road condition is one of the reasons for high transport cost and it will decrease definitely after the road improvement.
V.Kanthini (47 Yrs., Female labor in Malwaththaweli Plantation)	Her husband is also a laborer of the estate. They have 3 children. Two of them are school leavers and seeking a job and one is still schooling. Has ¼ acre land for vegetable cultivation. They cultivate potatoes in January. 	They have requested to join the cluster program and they have been selected. She appreciates the cluster program since they have to spent the highest cost for the seed potato (SLRs. 18,000/- per 50kg of seed potato) and it is a high-risk investment. They have many bad experiences in low quality and low-yielding seed potatoes. The new program is highly appreciated. Road improvement is an additional benefit for them since it decreases the transportation cost of their yield to the market.
R. Yamuna(32 Yrs., Female labor)	Lives with her parents and two brothers	Father is cultivating potatoes on about ¼ acre of land. They need 400kg of seed potato per season and its cost is about SLRs. 144,000. The return for the investment is low due to low-yielding varieties. There is a high risk in potato cultivation.
W.B. Ekanayake (Farmer)	More than 30 years' experience in vegetable cultivation including potatoes. His family consists of a wife and 3 children. Lives in Keppetipola town. His farmland is located in Vidurapola GND and the extent of land is 3 acres (1.2ha).	He is one of the beneficiary farmers of the program. All the farmers in the area cultivate potatoes one time per year starting in January. Regular water supply is available throughout the year from Kande Ela (irrigation canal). Currently, all the farmers are in trouble due to the increase in agricultural inputs prices. The banning of agrochemicals heavily affected vegetable cultivation since there is no proper crop management methods are introduced. He has participated in the awareness program conducted by ASMP. He mentioned that the seed potato program will be a remarkable achievement of their farming activities since it includes all the crop management activities.

		<p>Once they produce the seed potato in the January season, the yield will be transported and stored in the cool room that is proposed to construct in Rahangala Farm until the next cultivation season is start to distribute among the farmers.</p>
<p>W.M. Gunasinghe (Farmer)</p>	<p>More than 25 years' experience in vegetable cultivation including potatoes. His family consists of a wife and 2 children. Lives in Keppetipola town. His farmland is located in Vidurapola GND and the extent of land is 3 acres (1.2ha).</p> 	<p>He is one of the beneficiary farmers. This season he has cultivated carrots in the farmland but the production cost is very high due to increases of the agrochemical by 40%. He hopefully waiting to start seed potato cultivation since it has integrated crop management practices with low application of agrochemicals. He has started the production of compost manure within his farmland to use during the next potato cultivation season.</p>
<p>W.M. Ajith Kumara (Farmer)</p>	<p>More than 25 years' experience in vegetable cultivation including potatoes. His family consists of a wife and 2 children. Lives in Wakkadahinna village of Keppetipola GND. He owns 0.5 acres (0.2ha) extent of farm land in Wakkadahinna. He works as a laborer when there is free time.</p> 	<p>He is one of the beneficiary farmers identified for the cluster program. Currently, transportation time of the agricultural products from village to town is about 45-minute s and charges high rates due to bad conditions of the road. If the road is improved up to better level the travel time will be reduced up to 15 minute and the cost will also be reduced subsequently. Highly appreciated the whole program.</p>

h. Grievance Readdressed Mechanism (GRM)

A GRM will be in place to promptly address any grievances including any unforeseen impacts

that may arise during the implementation phase of the project, at no cost to the people. Field level grievances will record by Wakkadahinna village Farmer Organization by keeping the registry on their premises. The ASMP, PS, and DS officials will facilitate resolving the grievance. The middle-level grievances committee will operate at the provincial PMU/ regional project office to address the issues which are unsolved or when the affected person is not satisfied with the decision at the field level. The 3rd tier of GRM will operate at PMU headed by the Project Director of ASMP with technical support from the Social Development Specialist to address the issues which are not solved at the initial stages.

i. Implementation and Monitoring

A social auditing committee will be established with the participation of the community and the stakeholders of the area. An awareness session will be conducted to select social auditing committees about the project interventions and they are responsible for the project implementation. The social auditing committee will do close monitoring of the project interventions and report to the ASMP staff.

i. Monitoring Committee

Considering the magnitude of the proposed project interventions and land availability of the project target area; the anticipated social impacts of the proposed project will be minor or insignificant. There are no significant negative social impacts envisaged from the proposed project during the construction and/or operational stages as the project area is away from the human settlements. Therefore, it is not necessary to have a complex monitoring system. However, it is necessary to ensure there are no violations of the regulations and conformity to the national and World Bank standards and guidelines pertaining to environmental and social safeguards.

Annex 01 shows the social management/monitoring plan details. Therefore, the contractor should be aware of the project management to ensure social management compliance during the implementation of the project.

The following is recommended as a set up for a monitoring committee to monitor activities of the proposed project.

Chair Person: - Provincial Deputy Director of ASMP

Members: - Representatives form following institutions

01. Environmental and Social Safeguards specialist of the ASMP or his representative
02. Divisional Secretariat Welimada or DS representative
03. Pradeshiya Sabha Welimada or Representative
04. GNs Keppitipola and Vidurapola
05. Farmer organization members
06. Village representatives for each villages proposed

j. Social Impact Screening Checklist

Probable Involuntary Resettlement Impacts	Yes	No	Not known	Details
Will the intervention include new physical construction work?	√			There will be no widening of the road but complete reconstruction of road section about 1.7km and overall laying of the Asphalt layer. In addition, rehabilitation and reconstruction of Culverts and side drains.
Does the intervention include upgrading or rehabilitation of existing physical facilities?	√			This project intervention is completely as upgrading of existing road stretch, culverts and drainage system
Is the intervention likely to cause any permanent damage to or loss of housing, other assets, resource use?		√		
Is the site chosen for this work free from encumbrances and is in possession of the government/community land?	√			This road owned by the PS and surrounding area cultivated by farmers
Is this sub project intervention requiring private land acquisitions?		√		
If the site is privately owned, can this land be purchased through negotiated settlement?				N/A
If the land parcel has to be acquired, is the actual plot size and ownership status known?				N/A
Are these land owners willing to voluntarily donate the required land for this sub-project?				N/A
Whether the affected land owners likely to lose more than 10% of their land/structure area because of donation?				N/A
Is land for material mobilization or transport for the civil work available within the existing plot/ Right of Way?	√			The accesses to proposed sites are free from other encumbrances.
Are there any non-titled people who are living/doing business on the proposed site/project locations that use for civil		√		

Probable Involuntary Resettlement Impacts	Yes	No	Not known	Details
Is any temporary impact likely?	√			Noise, Vibration, Dumping of excavated soil dumping etc., in the construction and labour management measures area given in the SIMP
Is there any possibility to move out, close of business/ commercial/ livelihood activities of persons during constructions?	√			There will be disturbances to existing plantation activities, cultivation activities, etc. which will have a temporary impact on the livelihoods and businesses.
Is there any physical displacement of persons due to constructions?		√		
Does this project involve resettlement of any persons? If yes, give details.		√		
Will there be loss of /damage to agricultural lands, standing crops, trees?		√		
Will there be loss of incomes and livelihoods?		√		
Will people permanently or temporarily lose access to facilities, services, or natural resources?		√		
Are there any previous land acquisitions happened and the identified land has been already acquired?		√		
Are any indigenous people living in proposed locations or affected/benefitted by the project intervention?		√		

k. Estimate of Specific Impacts

Components of the sub project	Required amount to acquire Private land in sq.m.	No of land owner losing more than 10% of the land	Government owned land	Forest land	No. of houses affected	No. of shops/ business ventures	No. of other structures affected	No. of squatters affected	Public utilities affected
Clearing and grubbing	-	-	√	-	-	-	-	-	-
Road ROW excavation including Rock excavation	-	-	√	-	-	-	-	-	-
Edge Treatment and Embankment Construction	-	-	√	-	-	-	-	-	-
Laying of Subgrade	-	-	√	-	-	-	-	-	-
Improve the roadside drains to drain out storm water	-	-	√	-	-	-	-	-	-
Shoulder filling and Nearly Six culverts to be constructed/ rehabilitated	-	-	√	-	-	-	-	-	-
Laying of Asphalt (both Binder course and wearing course) for about 1.7km length	-	-	√	-	-	-	-	-	-

l. Information on Affected Persons

<p>Any estimate of the likely number of households that will be affected by the sub project?</p> <ul style="list-style-type: none"> • <input checked="" type="checkbox"/> No. <input type="checkbox"/> Yes. If yes, approximately how many? • No. of HHs losing <10% of their productive assets - N/A • (land/cowshed/shops)..... N/A • No. of HHs losing 10% or more of their productive assets?..... N/A
<p>Are any vulnerable households affected? <input checked="" type="checkbox"/> No. <input type="checkbox"/> Yes. If yes, please briefly describe their situation with estimated numbers of HHs? N/A</p>
<p>What are the needs and priorities for social and economic betterment of vulnerable people who are affected by this project? N/A</p>

m. Screening Decision on Categorization

After reviewing the answers above, it is determined that the sub project is:

- Categorized as a 'B' project, an Abbreviated Resettlement Action Plan is required
 Categorized as a 'C' project, no ARAP is required, Only Social Screening/ Due Diligence Report is required

n. Details of Approval and Submission

Screening conducted and reviewed D.M. Sanjaya Bandara Environment and Social Safeguard Specialist Agriculture Sector Modernization Project <i>Name/Designation/Contact information</i>	Date October 2021  <i>Signature</i>
Screening report approved by Dr. Rohan Wijekoon Project Director Agriculture Sector Modernization Project <i>Name/Designation/Contact information</i>	Date October 2021  <i>Signature</i>

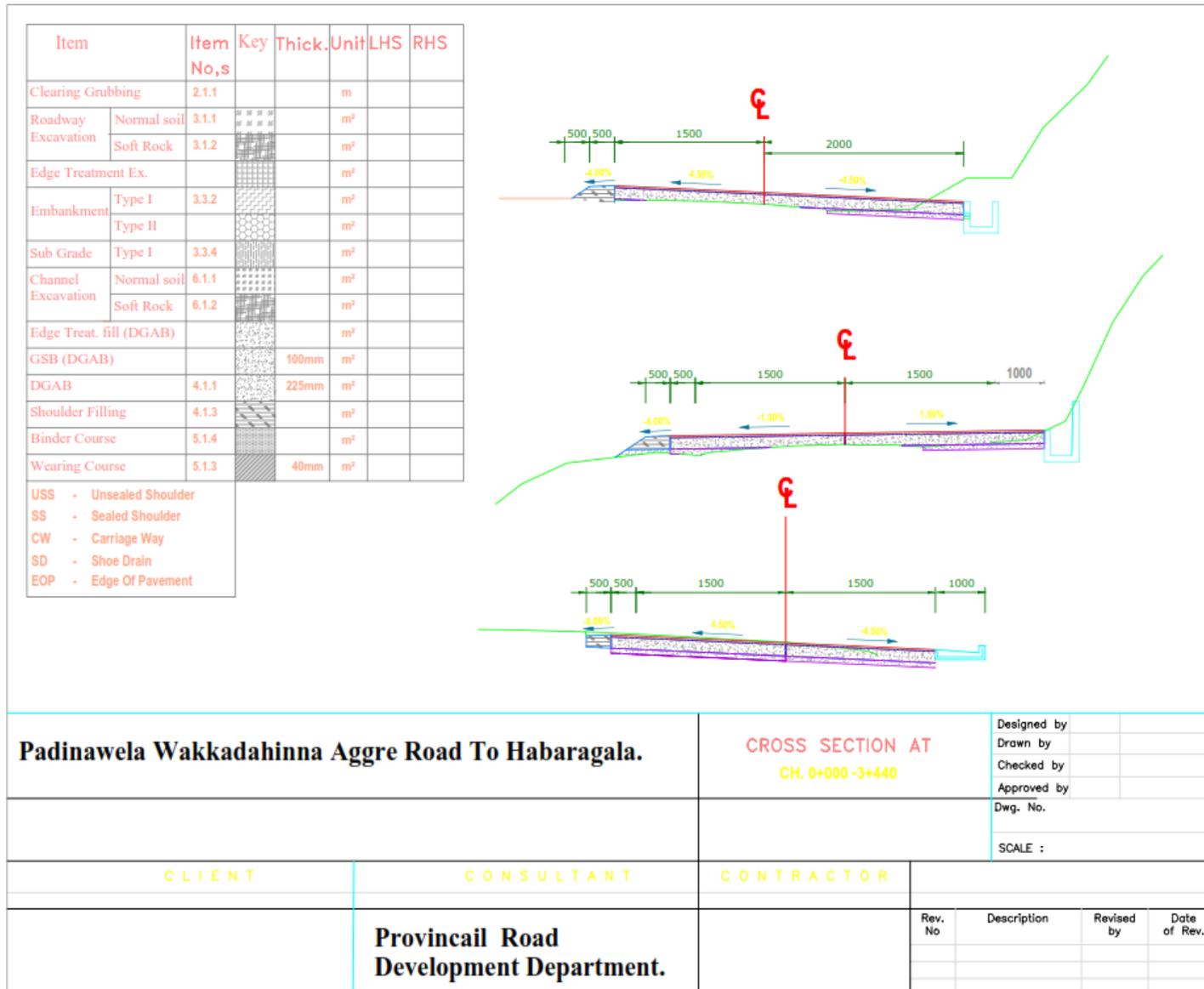
o. Annexes

1. Google Map/ Location Map

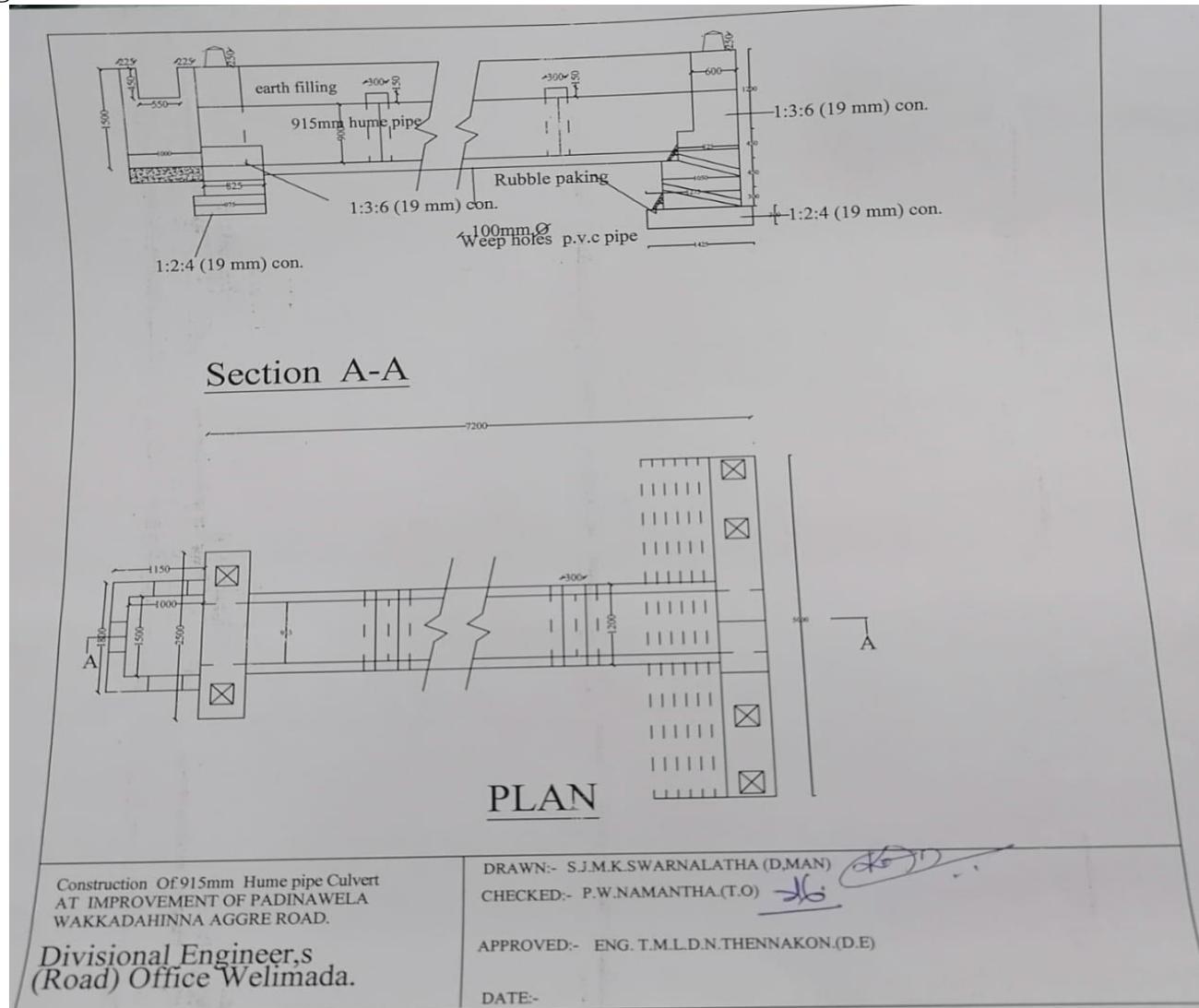


Source: Google Map

2. Design for Carriageway Construction



3. Culvert Designs



4. Consent from Pradeshiya Sabha - Welimada



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 PRADESHIYA SABILA WELIMADA



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2021.10.06

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ලක්ෂ කාරුණික මිලියන දාන ASMP/PMU/PPMU/02 හා 2021/10/04 දිනැති ලියය හා බැඳේ.

02.෪ අනුව ඉහත මාර්ගයේ සංවර්ධන කටයුතු සඳහා මූල්‍ය ප්‍රතිපාදන වෙන්කිරීම සම්බන්ධව මෙම මාගේ
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 ප්‍රා.ස.උ. කාර්යාලය : මඩුල්ල - 057-3570518

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 ප්‍රා.ස.උ. කාර්යාලය : පුරවිහේල - 057-4933749

5. Interim Guidelines on COVID-19 of World Bank

INTERIM GUIDANCE ON COVID-19

VERSION 1: APRIL 7, 2020

ESF/SAFEGUARDS INTERIM NOTE: COVID-19 CONSIDERATIONS IN CONSTRUCTION/CIVIL WORKS PROJECTS

This note was issued on April 7, 2020 and includes links to the latest guidance as of this date (e.g. from WHO). Given the COVID-19 situation is rapidly evolving, when using this note it is important to check whether any updates to these external resources have been issued.

1. INTRODUCTION

The COVID-19 pandemic presents Governments with unprecedented challenges. Addressing COVID-19 related issues in both existing and new operations starts with recognizing that this is not business as usual and that circumstances require a highly adaptive responsive management design to avoid, minimize and manage what may be a rapidly evolving situation. In many cases, we will ask Borrowers to use reasonable efforts in the circumstances, recognizing that what may be possible today may be different next week (both positively, because more supplies and guidance may be available, and negatively, because the spread of the virus may have accelerated).

This interim note is intended to provide guidance to teams on how to support Borrowers in addressing key issues associated with COVID-19, and consolidates the advice that has already been provided over the past month. As such, it should be used in place of other guidance that has been provided to date. This note will be developed as the global situation and the Bank's learning (and that of others) develops. This is not a time when 'one size fits all'. More than ever, teams will need to work with Borrowers and projects to understand the activities being carried out and the risks that these activities may entail. Support will be needed in designing mitigation measures that are implementable in the context of the project. These measures will need to take into account capacity of the Government agencies, availability of supplies and the practical challenges of operations on-the-ground, including stakeholder engagement, supervision and monitoring. In many circumstances, communication itself may be challenging, where face-to-face meetings are restricted or prohibited, and where IT solutions are limited or unreliable.

This note emphasizes the importance of careful scenario planning, clear procedures and protocols, management systems, effective communication and coordination, and the need for high levels of responsiveness in a changing environment. It recommends assessing the current situation of the project, putting in place mitigation measures to avoid or minimize the chance of infection, and planning what to do if either project workers become infected or the work force includes workers from proximate communities affected by COVID-19. In many projects, measures to avoid or minimize will need to be implemented at the same time as dealing with sick workers and relations with the community, some of whom may also be ill or concerned about infection. Borrowers should understand the obligations that contractors have under their existing contracts (see Section 3), require contractors to put in place appropriate organizational structures (see Section 4) and develop procedures to address different aspects of COVID-19 (see Section 5).

2. CHALLENGES WITH CONSTRUCTION/CIVIL WORKS

Projects involving construction/civil works frequently involve a large work force, together with suppliers and supporting functions and services. The work force may comprise workers from international, national, regional, and local labor markets. They may need to live in on-site accommodation, lodge within communities close to work sites or return to their homes after work. There may be different contractors

1

permanently present on site, carrying out different activities, each with their own dedicated workers. Supply chains may involve international, regional and national suppliers facilitating the regular flow of goods and services to the project (including supplies essential to the project such as fuel, food, and water). As such there will also be regular flow of parties entering and exiting the site; support services, such as catering, cleaning services, equipment, material and supply deliveries, and specialist sub-contractors, brought in to deliver specific elements of the works.

Given the complexity and the concentrated number of workers, the potential for the spread of infectious disease in projects involving construction is extremely serious, as are the implications of such a spread. Projects may experience large numbers of the work force becoming ill, which will strain the project's health facilities, have implications for local emergency and health services and may jeopardize the progress of the construction work and the schedule of the project. Such impacts will be exacerbated where a work force is large and/or the project is in remote or under-serviced areas. In such circumstances, relationships with the community can be strained or difficult and conflict can arise, particularly if people feel they are being exposed to disease by the project or are having to compete for scarce resources. The project must also exercise appropriate precautions against introducing the infection to local communities.

3. DOES THE CONSTRUCTION CONTRACT COVER THIS SITUATION?

Given the unprecedented nature of the COVID-19 pandemic, it is unlikely that the existing construction/civil works contracts will cover all the things that a prudent contractor will need to do. Nevertheless, the first place for a Borrower to start is with the contract, determining what a contractor's existing obligations are, and how these relate to the current situation.

The obligations on health and safety will depend on what kind of contract exists (between the Borrower and the main contractor; between the main contractors and the sub-contractors). It will differ if the Borrower used the World Bank's standard procurement documents (SPDs) or used national bidding documents. If a FIDIC document has been used, there will be general provisions relating to health and safety. For example, the standard FIDIC, Conditions of Contract for Construction (Second Edition 2017), which contains no 'ESF enhancements', states (in the General Conditions, clause 6.7) that the Contractor will be required:

- to take all necessary precautions to maintain the health and safety of the Contractor's Personnel
- to appoint a health and safety officer at site, who will have the authority to issue directives for the purpose of maintaining the health and safety of all personnel authorized to enter and or work on the site and to take protective measures to prevent accidents
- to ensure, in collaboration with local health authorities, that medical staff, first aid facilities, sick bay, ambulance services and any other medical services specified are available at all times at the site and at any accommodation
- to ensure suitable arrangements are made for all necessary welfare and hygiene requirements and for the prevention of epidemics

These requirements have been enhanced through the introduction of the ESF into the SPDs (edition dated July 2019). The general FIDIC clause referred to above has been strengthened to reflect the requirements of the ESF. Beyond FIDIC's general requirements discussed above, the Bank's Particular Conditions include a number of relevant requirements on the Contractor, including:

- to provide health and safety training for Contractor's Personnel (which include project workers and all personnel that the Contractor uses on site, including staff and other employees of the Contractor and Subcontractors and any other personnel assisting the Contractor in carrying out project activities)
- to put in place workplace processes for Contractor's Personnel to report work situations that are not safe or healthy
- gives Contractor's Personnel the right to report work situations which they believe are not safe or healthy, and to remove themselves from a work situation which they have a reasonable justification to believe presents an imminent and serious danger to their life or health (with no reprisal for reporting or removing themselves)
- requires measures to be in place to avoid or minimize the spread of diseases including measures to avoid or minimize the transmission of communicable diseases that may be associated with the influx of temporary or permanent contract-related labor
- to provide an easily accessible grievance mechanism to raise workplace concerns

Where the contract form used is FIDIC, the Borrower (as the Employer) will be represented by the Engineer (also referred to in this note as the Supervising Engineer). The Engineer will be authorized to exercise authority specified in or necessarily implied from the construction contract. In such cases, the Engineer (through its staff on site) will be the interface between the PIU and the Contractor. It is important therefore to understand the scope of the Engineer's responsibilities. It is also important to recognize that in the case of infectious diseases such as COVID-19, project management – through the Contractor/subcontractor hierarchy – is only as effective as the weakest link. A thorough review of management procedures/plans as they will be implemented through the entire contractor hierarchy is important. Existing contracts provide the outline of this structure; they form the basis for the Borrower to understand how proposed mitigation measures will be designed and how adaptive management will be implemented, and to start a conversation with the Contractor on measures to address COVID-19 in the project.

4. WHAT PLANNING SHOULD THE BORROWER BE DOING?

Task teams should work with Borrowers (PIUs) to confirm that projects (i) are taking adequate precautions to prevent or minimize an outbreak of COVID-19, and (ii) have identified what to do in the event of an outbreak. Suggestions on how to do this are set out below:

- The PIU, either directly or through the Supervising Engineer, should request details in writing from the main Contractor of the measures being taken to address the risks. As stated in Section 3, the construction contract should include health and safety requirements, and these can be used as the basis for identification of, and requirements to implement, COVID-19 specific measures. The measures may be presented as a contingency plan, as an extension of the existing project emergency and preparedness plan or as standalone procedures. The measures may be reflected in revisions to the project's health and safety manual. This request should be made in writing (following any relevant procedure set out in the contract between the Borrower and the contractor).
- In making the request, it may be helpful for the PIU to specify the areas that should be covered. This should include the items set out in Section 5 below and take into account current and relevant

guidance provided by national authorities, WHO and other organizations. See the list of references in the Annex to this note.

- The PIU should require the Contractor to convene regular meetings with the project health and safety specialists and medical staff (and where appropriate the local health authorities), and to take their advice in designing and implementing the agreed measures.
- Where possible, a senior person should be identified as a focal point to deal with COVID-19 issues. This can be a work supervisor or a health and safety specialist. This person can be responsible for coordinating preparation of the site and making sure that the measures taken are communicated to the workers, those entering the site and the local community. It is also advisable to designate at least one back-up person, in case the focal point becomes ill; that person should be aware of the arrangements that are in place.
- On sites where there are a number of contractors and therefore (in effect) different work forces, the request should emphasize the importance of coordination and communication between the different parties. Where necessary, the PIU should request the main contractor to put in place a protocol for regular meetings of the different contractors, requiring each to appoint a designated staff member (with back up) to attend such meetings. If meetings cannot be held in person, they should be conducted using whatever IT is available. The effectiveness of mitigation measures will depend on the weakest implementation, and therefore it is important that all contractors and sub-contractors understand the risks and the procedure to be followed.
- The PIU, either directly or through the Supervising Engineer, may provide support to projects in identifying appropriate mitigation measures, particularly where these will involve interface with local services, in particular health and emergency services. In many cases, the PIU can play a valuable role in connecting project representatives with local Government agencies, and helping coordinate a strategic response, which takes into account the availability of resources. To be most effective, projects should consult and coordinate with relevant Government agencies and other projects in the vicinity.
- Workers should be encouraged to use the existing project grievance mechanism to report concerns relating to COVID-19, preparations being made by the project to address COVID-19 related issues, how procedures are being implemented, and concerns about the health of their co-workers and other staff.

5. WHAT SHOULD THE CONTRACTOR COVER?

The Contractor should identify measures to address the COVID-19 situation. What will be possible will depend on the context of the project: the location, existing project resources, availability of supplies, capacity of local emergency/health services, the extent to which the virus already exist in the area. A systematic approach to planning, recognizing the challenges associated with rapidly changing circumstances, will help the project put in place the best measures possible to address the situation. As discussed above, measures to address COVID-19 may be presented in different ways (as a contingency plan, as an extension of the existing project emergency and preparedness plan or as standalone procedures). PIUs and contractors should refer to guidance issued by relevant authorities, both national

and international (e.g. WHO), which is regularly updated (see sample References and links provided in the Annex).

Addressing COVID-19 at a project site goes beyond occupational health and safety, and is a broader project issue which will require the involvement of different members of a project management team. In many cases, the most effective approach will be to establish procedures to address the issues, and then to ensure that these procedures are implemented systematically. Where appropriate given the project context, a designated team should be established to address COVID-19 issues, including PIU representatives, the Supervising Engineer, management (e.g. the project manager) of the contractor and sub-contractors, security, and medical and OHS professionals. Procedures should be clear and straightforward, improved as necessary, and supervised and monitored by the COVID-19 focal point(s). Procedures should be documented, distributed to all contractors, and discussed at regular meetings to facilitate adaptive management. The issues set out below include a number that represent expected good workplace management but are especially pertinent in preparing the project response to COVID-19.

(a) ASSESSING WORKFORCE CHARACTERISTICS

Many construction sites will have a mix of workers e.g. workers from the local communities; workers from a different part of the country; workers from another country. Workers will be employed under different terms and conditions and be accommodated in different ways. Assessing these different aspects of the workforce will help in identifying appropriate mitigation measures:

- The Contractor should prepare a detailed profile of the project work force, key work activities, schedule for carrying out such activities, different durations of contract and rotations (e.g. 4 weeks on, 4 weeks off).
- This should include a breakdown of workers who reside at home (i.e. workers from the community), workers who lodge within the local community and workers in on-site accommodation. Where possible, it should also identify workers that may be more at risk from COVID-19, those with underlying health issues or who may be otherwise at risk.
- Consideration should be given to ways in which to minimize movement in and out of site. This could include lengthening the term of existing contracts, to avoid workers returning home to affected areas, or returning to site from affected areas.
- Workers accommodated on site should be required to minimize contact with people near the site, and in certain cases be prohibited from leaving the site for the duration of their contract, so that contact with local communities is avoided.
- Consideration should be given to requiring workers lodging in the local community to move to site accommodation (subject to availability) where they would be subject to the same restrictions.
- Workers from local communities, who return home daily, weekly or monthly, will be more difficult to manage. They should be subject to health checks at entry to the site (as set out above) and at some point, circumstances may make it necessary to require them to either use accommodation on site or not to come to work.

(b) ENTRY/EXIT TO THE WORK SITE AND CHECKS ON COMMENCEMENT OF WORK

Entry/exit to the work site should be controlled and documented for both workers and other parties, including support staff and suppliers. Possible measures may include:

- Establishing a system for controlling entry/exit to the site, securing the boundaries of the site, and establishing designating entry/exit points (if they do not already exist). Entry/exit to the site should be documented.
- Training security staff on the (enhanced) system that has been put in place for securing the site and controlling entry and exit, the behaviors required of them in enforcing such system and any COVID - 19 specific considerations.
- Training staff who will be monitoring entry to the site, providing them with the resources they need to document entry of workers, conducting temperature checks and recording details of any worker that is denied entry.
- Confirming that workers are fit for work before they enter the site or start work. While procedures should already be in place for this, special attention should be paid to workers with underlying health issues or who may be otherwise at risk. Consideration should be given to demobilization of staff with underlying health issues.
- Checking and recording temperatures of workers and other people entering the site or requiring self-reporting prior to or on entering the site.
- Providing daily briefings to workers prior to commencing work, focusing on COVID-19 specific considerations including cough etiquette, hand hygiene and distancing measures, using demonstrations and participatory methods.
- During the daily briefings, reminding workers to self-monitor for possible symptoms (fever, cough) and to report to their supervisor or the COVID-19 focal point if they have symptoms or are feeling unwell.
- Preventing a worker from an affected area or who has been in contact with an infected person from returning to the site for 14 days or (if that is not possible) isolating such worker for 14 days.
- Preventing a sick worker from entering the site, referring them to local health facilities if necessary or requiring them to isolate at home for 14 days.

(c) GENERAL HYGIENE

Requirements on general hygiene should be communicated and monitored, to include:

- Training workers and staff on site on the signs and symptoms of COVID-19, how it is spread, how to protect themselves (including regular handwashing and social distancing) and what to do if they or other people have symptoms (for further information see [WHO COVID-19 advice for the public](#)).
- Placing posters and signs around the site, with images and text in local languages.
- Ensuring handwashing facilities supplied with soap, disposable paper towels and closed waste bins exist at key places throughout site, including at entrances/exits to work areas; where there is a toilet, canteen or food distribution, or provision of drinking water; in worker accommodation; at waste stations; at stores; and in common spaces. Where handwashing facilities do not exist or are not adequate, arrangements should be made to set them up. Alcohol based sanitizer (if available, 60-95% alcohol) can also be used.
- Review worker accommodations, and assess them in light of the requirements set out in [IFC/EBRD guidance on Workers' Accommodation: processes and standards](#), which provides valuable guidance as to good practice for accommodation.
- Setting aside part of worker accommodation for precautionary self-quarantine as well as more formal isolation of staff who may be infected (see paragraph (f)).

(d) CLEANING AND WASTE DISPOSAL

Conduct regular and thorough cleaning of all site facilities, including offices, accommodation, canteens, common spaces. Review cleaning protocols for key construction equipment (particularly if it is being operated by different workers). This should include:

- Providing cleaning staff with adequate cleaning equipment, materials and disinfectant.
- Review general cleaning systems, training cleaning staff on appropriate cleaning procedures and appropriate frequency in high use or high-risk areas.
- Where it is anticipated that cleaners will be required to clean areas that have been or are suspected to have been contaminated with COVID-19, providing them with appropriate PPE: gowns or aprons, gloves, eye protection (masks, goggles or face screens) and boots or closed work shoes. If appropriate PPE is not available, cleaners should be provided with best available alternatives.
- Training cleaners in proper hygiene (including handwashing) prior to, during and after conducting cleaning activities; how to safely use PPE (where required); in waste control (including for used PPE and cleaning materials).
- Any medical waste produced during the care of ill workers should be collected safely in designated containers or bags and treated and disposed of following relevant requirements (e.g., national, WHO). If open burning and incineration of medical wastes is necessary, this should be for as limited a duration as possible. Waste should be reduced and segregated, so that only the smallest amount of waste is incinerated (for further information [see WHO interim guidance on water, sanitation and waste management for COVID-19](#)).

(e) ADJUSTING WORK PRACTICES

Consider changes to work processes and timings to reduce or minimize contact between workers, recognizing that this is likely to impact the project schedule. Such measures could include:

- Decreasing the size of work teams.
- Limiting the number of workers on site at any one time.
- Changing to a 24-hour work rotation.
- Adapting or redesigning work processes for specific work activities and tasks to enable social distancing, and training workers on these processes.
- Continuing with the usual safety trainings, adding COVID-19 specific considerations. Training should include proper use of normal PPE. While as of the date of this note, general advice is that construction workers do not require COVID-19 specific PPE, this should be kept under review (for further information see [WHO interim guidance on rational use of personal protective equipment \(PPE\) for COVID-19](#)).
- Reviewing work methods to reduce use of construction PPE, in case supplies become scarce or the PPE is needed for medical workers or cleaners. This could include, e.g. trying to reduce the need for dust masks by checking that water sprinkling systems are in good working order and are maintained or reducing the speed limit for haul trucks.
- Arranging (where possible) for work breaks to be taken in outdoor areas within the site.
- Consider changing canteen layouts and phasing meal times to allow for social distancing and phasing access to and/or temporarily restricting access to leisure facilities that may exist on site, including gyms.

- At some point, it may be necessary to review the overall project schedule, to assess the extent to which it needs to be adjusted (or work stopped completely) to reflect prudent work practices, potential exposure of both workers and the community and availability of supplies, taking into account Government advice and instructions.

(f) PROJECT MEDICAL SERVICES

Consider whether existing project medical services are adequate, taking into account existing infrastructure (size of clinic/medical post, number of beds, isolation facilities), medical staff, equipment and supplies, procedures and training. Where these are not adequate, consider upgrading services where possible, including:

- Expanding medical infrastructure and preparing areas where patients can be isolated. Guidance on setting up isolation facilities is set out in [WHO interim guidance on considerations for quarantine of individuals in the context of containment for COVID-19](#). Isolation facilities should be located away from worker accommodation and ongoing work activities. Where possible, workers should be provided with a single well-ventilated room (open windows and door). Where this is not possible, isolation facilities should allow at least 1 meter between workers in the same room, separating workers with curtains, if possible. Sick workers should limit their movements, avoiding common areas and facilities and not be allowed visitors until they have been clear of symptoms for 14 days. If they need to use common areas and facilities (e.g. kitchens or canteens), they should only do so when unaffected workers are not present and the area/facilities should be cleaned prior to and after such use.
- Training medical staff, which should include current WHO advice on COVID-19 and recommendations on the specifics of COVID-19. Where COVID-19 infection is suspected, medical providers on site should follow [WHO interim guidance on infection prevention and control during health care when novel coronavirus \(nCoV\) infection is suspected](#).
- Training medical staff in testing, if testing is available.
- Assessing the current stock of equipment, supplies and medicines on site, and obtaining additional stock, where required and possible. This could include medical PPE, such as gowns, aprons, medical masks, gloves, and eye protection. Refer to WHO guidance as to what is advised (for further information see [WHO interim guidance on rational use of personal protective equipment \(PPE\) for COVID-19](#)).
- If PPE items are unavailable due to world-wide shortages, medical staff on the project should agree on alternatives and try to procure them. Alternatives that may commonly be found on construction sites include dust masks, construction gloves and eye goggles. While these items are not recommended, they should be used as a last resort if no medical PPE is available.
- Ventilators will not normally be available on work sites, and in any event, intubation should only be conducted by experienced medical staff. If a worker is extremely ill and unable to breathe properly on his or her own, they should be referred immediately to the local hospital (see (g) below).
- Review existing methods for dealing with medical waste, including systems for storage and disposal (for further information see [WHO interim guidance on water, sanitation and waste management for COVID-19](#), and [WHO guidance on safe management of wastes from health-care activities](#)).

(g) LOCAL MEDICAL AND OTHER SERVICES

Given the limited scope of project medical services, the project may need to refer sick workers to local medical services. Preparation for this includes:

- Obtaining information as to the resources and capacity of local medical services (e.g. number of beds, availability of trained staff and essential supplies).
- Conducting preliminary discussions with specific medical facilities, to agree what should be done in the event of ill workers needing to be referred.
- Considering ways in which the project may be able to support local medical services in preparing for members of the community becoming ill, recognizing that the elderly or those with pre-existing medical conditions require additional support to access appropriate treatment if they become ill.
- Clarifying the way in which an ill worker will be transported to the medical facility, and checking availability of such transportation.
- Establishing an agreed protocol for communications with local emergency/medical services.
- Agreeing with the local medical services/specific medical facilities the scope of services to be provided, the procedure for in-take of patients and (where relevant) any costs or payments that may be involved.
- A procedure should also be prepared so that project management knows what to do in the unfortunate event that a worker ill with COVID-19 dies. While normal project procedures will continue to apply, COVID-19 may raise other issues because of the infectious nature of the disease. The project should liaise with the relevant local authorities to coordinate what should be done, including any reporting or other requirements under national law.

(h) INSTANCES OR SPREAD OF THE VIRUS

WHO provides detailed advice on what should be done to treat a person who becomes sick or displays symptoms that could be associated with the COVID-19 virus (for further information see [WHO interim guidance on infection prevention and control during health care when novel coronavirus \(nCoV\) infection is suspected](#)). The project should set out risk-based procedures to be followed, with differentiated approaches based on case severity (mild, moderate, severe, critical) and risk factors (such as age, hypertension, diabetes) (for further information see [WHO interim guidance on operational considerations for case management of COVID-19 in health facility and community](#)). These may include the following:

- If a worker has symptoms of COVID-19 (e.g. fever, dry cough, fatigue) the worker should be removed immediately from work activities and isolated on site.
- If testing is available on site, the worker should be tested on site. If a test is not available at site, the worker should be transported to the local health facilities to be tested (if testing is available).
- If the test is positive for COVID-19 or no testing is available, the worker should continue to be isolated. This will either be at the work site or at home. If at home, the worker should be transported to their home in transportation provided by the project.
- Extensive cleaning procedures with high-alcohol content disinfectant should be undertaken in the area where the worker was present, prior to any further work being undertaken in that area. Tools used by the worker should be cleaned using disinfectant and PPE disposed of.
- Co-workers (i.e. workers with whom the sick worker was in close contact) should be required to stop work, and be required to quarantine themselves for 14 days, even if they have no symptoms.

- Family and other close contacts of the worker should be required to quarantine themselves for 14 days, even if they have no symptoms.
- If a case of COVID-19 is confirmed in a worker on the site, visitors should be restricted from entering the site and worker groups should be isolated from each other as much as possible.
- If workers live at home and has a family member who has a confirmed or suspected case of COVID-19, the worker should quarantine themselves and not be allowed on the project site for 14 days, even if they have no symptoms.
- Workers should continue to be paid throughout periods of illness, isolation or quarantine, or if they are required to stop work, in accordance with national law.
- Medical care (whether on site or in a local hospital or clinic) required by a worker should be paid for by the employer.

(i) CONTINUITY OF SUPPLIES AND PROJECT ACTIVITIES

Where COVID-19 occurs, either in the project site or the community, access to the project site may be restricted, and movement of supplies may be affected.

- Identify back-up individuals, in case key people within the project management team (PIU, Supervising Engineer, Contractor, sub-contractors) become ill, and communicate who these are so that people are aware of the arrangements that have been put in place.
- Document procedures, so that people know what they are, and are not reliant on one person's knowledge.
- Understand the supply chain for necessary supplies of energy, water, food, medical supplies and cleaning equipment, consider how it could be impacted, and what alternatives are available. Early pro-active review of international, regional and national supply chains, especially for those supplies that are critical for the project, is important (e.g. fuel, food, medical, cleaning and other essential supplies). Planning for a 1-2 month interruption of critical goods may be appropriate for projects in more remote areas.
- Place orders for/procure critical supplies. If not available, consider alternatives (where feasible).
- Consider existing security arrangements, and whether these will be adequate in the event of interruption to normal project operations.
- Consider at what point it may become necessary for the project to significantly reduce activities or to stop work completely, and what should be done to prepare for this, and to re-start work when it becomes possible or feasible.

(j) TRAINING AND COMMUNICATION WITH WORKERS

Workers need to be provided with regular opportunities to understand their situation, and how they can best protect themselves, their families and the community. They should be made aware of the procedures that have been put in place by the project, and their own responsibilities in implementing them.

- It is important to be aware that in communities close to the site and amongst workers without access to project management, social media is likely to be a major source of information. This raises the importance of regular information and engagement with workers (e.g. through training, town halls, tool boxes) that emphasizes what management is doing to deal with the risks of COVID-19. Allaying fear is an important aspect of work force peace of mind and business continuity. Workers should be given an opportunity to ask questions, express their concerns, and make suggestions.

- Training of workers should be conducted regularly, as discussed in the sections above, providing workers with a clear understanding of how they are expected to behave and carry out their work duties.
- Training should address issues of discrimination or prejudice if a worker becomes ill and provide an understanding of the trajectory of the virus, where workers return to work.
- Training should cover all issues that would normally be required on the work site, including use of safety procedures, use of construction PPE, occupational health and safety issues, and code of conduct, taking into account that work practices may have been adjusted.
- Communications should be clear, based on fact and designed to be easily understood by workers, for example by displaying posters on handwashing and social distancing, and what to do if a worker displays symptoms.

(k) COMMUNICATION AND CONTACT WITH THE COMMUNITY

Relations with the community should be carefully managed, with a focus on measures that are being implemented to safeguard both workers and the community. The community may be concerned about the presence of non-local workers, or the risks posed to the community by local workers presence on the project site. The project should set out risk-based procedures to be followed, which may reflect WHO guidance (for further information see [WHO Risk Communication and Community Engagement \(RCCE\) Action Plan Guidance COVID-19 Preparedness and Response](#)). The following good practice should be considered:

- Communications should be clear, regular, based on fact and designed to be easily understood by community members.
- Communications should utilize available means. In most cases, face-to-face meetings with the community or community representatives will not be possible. Other forms of communication should be used; posters, pamphlets, radio, text message, electronic meetings. The means used should take into account the ability of different members of the community to access them, to make sure that communication reaches these groups.
- The community should be made aware of procedures put in place at site to address issues related to COVID-19. This should include all measures being implemented to limit or prohibit contact between workers and the community. These need to be communicated clearly, as some measures will have financial implications for the community (e.g. if workers are paying for lodging or using local facilities). The community should be made aware of the procedure for entry/exit to the site, the training being given to workers and the procedure that will be followed by the project if a worker becomes sick.
- If project representatives, contractors or workers are interacting with the community, they should practice social distancing and follow other COVID-19 guidance issued by relevant authorities, both national and international (e.g. WHO).

6. EMERGENCY POWERS AND LEGISLATION

Many Borrowers are enacting emergency legislation. The scope of such legislation, and the way it interacts with other legal requirements, will vary from country to country. Such legislation can cover a range of issues, for example:

- Declaring a public health emergency

- Authorizing the use of police or military in certain activities (e.g. enforcing curfews or restrictions on movement)
- Ordering certain categories of employees to work longer hours, not to take holiday or not to leave their job (e.g. health workers)
- Ordering non-essential workers to stay at home, for reduced pay or compulsory holiday

Except in exceptional circumstances (after referral to the World Bank's Operations Environmental and Social Review Committee (OESRC)), projects will need to follow emergency legislation to the extent that these are mandatory or advisable. It is important that the Borrower understands how mandatory requirements of the legislation will impact the project. Teams should require Borrowers (and in turn, Borrowers should request Contractors) to consider how the emergency legislation will impact the obligations of the Borrower set out in the legal agreement and the obligations set out in the construction contracts. Where the legislation requires a material departure from existing contractual obligations, this should be documented, setting out the relevant provisions.

ANNEX

WHO Guidance

Advice for the public

WHO advice for the public, including on social distancing, respiratory hygiene, self-quarantine, and seeking medical advice, can be consulted on this WHO website:

<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public>

Technical guidance

[Infection prevention and control during health care when novel coronavirus \(nCoV\) infection is suspected](#), issued on 19 March 2020

[Coronavirus disease \(COVID-19\) outbreak: rights, roles and responsibilities of health workers, including key considerations for occupational safety and health](#), issued on 18 March 2020

[Risk Communication and Community Engagement \(RCCE\) Action Plan Guidance COVID-19 Preparedness and Response](#), issued on 16 March 2020

[Considerations for quarantine of individuals in the context of containment for coronavirus disease \(COVID-19\)](#), issued on 19 March 2020

[Operational considerations for case management of COVID-19 in health facility and community](#), issued on 19 March 2020

[Rational use of personal protective equipment for coronavirus disease 2019 \(COVID-19\)](#), issued on 27 February 2020

[Getting your workplace ready for COVID-19](#), issued on 19 March 2020

[Water, sanitation, hygiene and waste management for COVID-19](#), issued on 19 March 2020

[Safe management of wastes from health-care activities](#) issued in 2014

[Advice on the use of masks in the community, during home care and in healthcare settings in the context of the novel coronavirus \(COVID-19\) outbreak](#), issued on March 19, 2020

ILO GUIDANCE

[ILO Standards and COVID-19 FAQ](#), issued on March 23, 2020 (provides a compilation of answers to most frequently asked questions related to international labor standards and COVID-19)

MFI GUIDANCE

[IDB Invest Guidance for Infrastructure Projects on COVID-19: A Rapid Risk Profile and Decision Framework](#)

[KfW DEG COVID-19 Guidance for employers, issued on 31 March 2020](#)

[CDC Group COVID-19 Guidance for Employers, issued on 23 March 2020](#)