

**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Casting Yard UGC-01

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits.
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Very limited activities carried out in casting yard.
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits.
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Station Churchgate

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Station Cuffe Parade

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	



10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

### **Form C1: Monitoring Form during Construction Stage**

- a) Construction Stage : Station Hutatma Chowk
- b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon
- c) Monitoring Period            From     01<sup>st</sup> July 2022
- To         30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input type="checkbox"/> $\sqrt{\phantom{x}}$ Weekly	<input type="checkbox"/> $\sqrt{\phantom{x}}$ Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input type="checkbox"/> $\sqrt{\phantom{x}}$ Monthly	<input type="checkbox"/> $\sqrt{\phantom{x}}$ Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input type="checkbox"/> $\sqrt{\phantom{x}}$ Monthly	<input type="checkbox"/> $\sqrt{\phantom{x}}$ Y / <input type="checkbox"/> N	
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input type="checkbox"/> $\sqrt{\phantom{x}}$ Monthly	<input type="checkbox"/> $\sqrt{\phantom{x}}$ Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input type="checkbox"/> $\sqrt{\phantom{x}}$ Monthly	<input type="checkbox"/> $\sqrt{\phantom{x}}$ Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

### **Form C1: Monitoring Form during Construction Stage**

- a) Construction Stage : Station Vidhan Bhavan
- b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon
- c) Monitoring Period              From    01<sup>st</sup> July 2022  
   To          30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input type="checkbox"/> √ Weekly	<input type="checkbox"/> √ Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input type="checkbox"/> √ Monthly	<input type="checkbox"/> √ Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input type="checkbox"/> √ Monthly	<input type="checkbox"/> √Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input type="checkbox"/> √ Monthly	<input type="checkbox"/> √Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input type="checkbox"/> √ Monthly	<input type="checkbox"/> √ Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Casting Yard UGC-02

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits



4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Station CST

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Station Girgaon

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	



### **Form C1: Monitoring Form during Construction Stage**

- a) Construction Stage : Station Grant Road
- b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon
- c) Monitoring Period      From    01<sup>st</sup> July 2022
- To         30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input type="checkbox"/> √ Weekly	<input type="checkbox"/> √ Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input type="checkbox"/> √ Monthly	<input type="checkbox"/> √ Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input type="checkbox"/> √ Monthly	<input type="checkbox"/> √Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input type="checkbox"/> √ Monthly	<input type="checkbox"/> √Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input type="checkbox"/> √ Monthly	<input type="checkbox"/> √ Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Station Kalabadevi

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

### **Form C1: Monitoring Form during Construction Stage**

- a) Construction Stage : Casting Yard UGC-03
- b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon
- c) Monitoring Period              From    01<sup>st</sup> July 2022  
   To        30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	



10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

### **Form C1: Monitoring Form during Construction Stage**

- a) Construction Stage : Station Acharya Atrey Chowk
- b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon
- c) Monitoring Period                From     01<sup>st</sup> July 2022  
    To         30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

### **Form C1: Monitoring Form during Construction Stage**

- a) Construction Stage : Station Mahalakshmi
- b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon
- c) Monitoring Period              From    01<sup>st</sup> July 2022
- To         30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Station Mumbai Central

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits



4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

### **Form C1: Monitoring Form during Construction Stage**

- a) Construction Stage : Station Science Museum
- b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon
- c) Monitoring Period                From     01<sup>st</sup> July 2022  
    To         30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Station Worli

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	



**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Wadala Casting yard UGC-04

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Station Dadar

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Station Shitladevi

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	



10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

### **Form C1: Monitoring Form during Construction Stage**

- a) Construction Stage : Station Siddhi Vinayak
- b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon
- c) Monitoring Period            From    01<sup>st</sup> July 2022
- To         30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : BKC Steel Yard

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Station BKC

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits



4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Station Dharavi

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Station Santacruz

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	



### **Form C1: Monitoring Form during Construction Stage**

- a) Construction Stage : Station Vidyanagari
- b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon
- c) Monitoring Period            From    01<sup>st</sup> July 2022
- To         30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input type="checkbox"/> √ Weekly	<input type="checkbox"/> √ Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input type="checkbox"/> √ Monthly	<input type="checkbox"/> √ Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input type="checkbox"/> √ Monthly	<input type="checkbox"/> √Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input type="checkbox"/> √ Monthly	<input type="checkbox"/> √Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input type="checkbox"/> √ Monthly	<input type="checkbox"/> √ Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

### **Form C1: Monitoring Form during Construction Stage**

- a) Construction Stage : Casting Yard UGC-06
- b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon
- c) Monitoring Period                From     01<sup>st</sup> July 2022
- To        30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

### **Form C1: Monitoring Form during Construction Stage**

- a) Construction Stage : Station CSIA (Domestic)
- b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon
- c) Monitoring Period                  From 01<sup>st</sup> July 2022  
To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	



10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

### **Form C1: Monitoring Form during Construction Stage**

- a) Construction Stage : Station CSIA (International)
- b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon
- c) Monitoring Period              From    01<sup>st</sup> July 2022
- To         30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Station Sahar Road

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Casting Yard JVLR

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits



4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

### **Form C1: Monitoring Form during Construction Stage**

- a) Construction Stage : Station Marol Naka
- b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon
- c) Monitoring Period                From     01<sup>st</sup> July 2022  
    To         30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Station MIDC

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	



**Form C1: Monitoring Form during Construction Stage**

a) Construction Stage : Station SEEPZ

b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon

c) Monitoring Period From 01<sup>st</sup> July 2022

To 30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits

4	Water quality	- Visit site and check drain provision/functioning of : Drainage system functional No Contamination Not blocked by debris/garbage No indications of Oil spilled in drains	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
5	Oil spills and hazardous wastes	- Check the mitigation measures on: Drip pans available No oil stains on ground Spill absorption material available Waste oil poured in to designated waste drums Used oil filters not dumped in garbage bins Regular disposal to the authorized recycler Agency.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- A fortnightly inspection is necessary until the completion of the project.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
6	Spoil Disposal	- A monthly inspection of the disposal sites along with the review of the design plan is a better way of assessment to check: Storage satisfactory/ properly secured Dumping in authorized areas No interference with nearby drainage	<input type="checkbox"/> <input checked="" type="checkbox"/> Quarterly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
7	Construction Waste Disposal	- Regular disposal at the authorized places	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
8	Soil erosion	- A site inspection along with the review of the design plans is necessary.	<input type="checkbox"/> <input checked="" type="checkbox"/> During rainy seasons.	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
9	Earthworks operation	- Ensure the contractor performs detailed design and instability checks	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check if erosion or instabilities were observed	<input type="checkbox"/> <input checked="" type="checkbox"/> Before commencement date of construction	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

10	Traffic safety	- Checking the traffic problems at the construction site	<input checked="" type="checkbox"/> Weekly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
11	Disturbance to flora	- Inspect of flora	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
12	Disturbance to fauna	-Inspect of fauna	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visit.
13	Mangroves	- Visit site and check the proposed alignment and drain/waste material around mangroves	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
14	Less or Damage of cultural sites it religious places	Interviews building _____ survey	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
15	Construction labour force and its impacts	- Check the Contractors are following the Mitigation Measures	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check with the communities and construction staff if any conflict has occurred, if yes find out reason.	<input checked="" type="checkbox"/> Monthly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	No conflict occurred.
		- This can be achieved by regular site inspections. The frequency should be once in fifteen days.	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
16	Work camp Operative	- During construction and after completion of the works. The inspection should be planned once every quarter throughout the project period.	<input checked="" type="checkbox"/> Quarterly	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Site visits for inspection of workers camp are being conducted.
Total				<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

### **Form C1: Monitoring Form during Construction Stage**

- a) Construction Stage : Ramp area & Depot
- b) Monitoring Season : ☐ Pre – monsoon / ☐ Post – monsoon / ☐ Winter/ ☒ Monsoon
- c) Monitoring Period                From     01<sup>st</sup> July 2022
- To          30<sup>th</sup> September 2022

Sr. No.	Items	Check Point	Frequency	Evaluation or Mitigation status Y: Good/Yes N : Poor/No	Remarks and Signature by Checker
1	Social impact	- Check if the community has brought the problem to the notice of the Consultant and Client	<input type="checkbox"/> Monthly	<input type="checkbox"/> Y / <input type="checkbox"/> N	
		- Check watering as per the frequency given in the EMP	<input type="checkbox"/> <input checked="" type="checkbox"/> Weekly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
2	Air Pollution	-Check Dust (Approach roads, adjacent roads, working area, cement handling etc Check watering as per the frequency given in the EMP Site Satisfactory Site Dusty Sprinkling	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits
		- Proper implementation can be achieved by site inspection and audits.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Inspections & audits conducted.
3	Noise and vibration	- Check that the All powered mechanical equipment's are sound reduced Acoustic / enclosures constructed in areas of excessive noise Equipment located and directed away from noise receptors.  -Check that the Contractor is performing mitigation measures.	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
		- This can be achieved by site inspection and audits	<input type="checkbox"/> <input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Covered in routine site visits