



File No: J-11011/274/2015-IA-II(I)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Date **01/08/2024**



To,

Shri. Alok Nayan Nath,
M/s. NUMALIGARH REFINERY LIMITED,
Pankagrath Numaligarh Refinery Complex Golaghat District, Assam Pin-785699 , Pankagrath,
GOLAGHAT, ASSAM 785699
baby.deori@nrl.co.in

Subject: **Proposed Poly Propylene Unit (PPU) Of Capacity 360 KTPA Located at Village Ouguri Chapori, Mouza Morongi, District Golaghat, State Assam by M/s. Numaligarh Refinery Limited - Consideration of Environmental Clearance under the provision of the EIA Notification 2006 - regarding.**

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/AS/IND2/458515/2024 dated 23/01/2024 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24A2101AS5735450N
(ii) File No.	J-11011/274/2015-IA-II(I)
(iii) Clearance Type	Fresh EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	5(c) Petro-chemical complexes (industries based on processing of petroleum fractions
(vi) Sector	Industrial Projects - 2
(vii) Name of Project	PROPOSED POLY PROPYLENE UNIT (PPU) OF CAPACITY 360KTPA
(viii) Name of Company/Organization	NUMALIGARH REFINERY LIMITED
(ix) Location of Project (District, State)	GOLAGHAT, ASSAM
(x) Issuing Authority	MoEF&CC
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

3. The Ministry of Environment, Forest and Climate Change has examined the proposal for proposed Poly Propylene Unit (PPU) Of Capacity 360KTPA” Located at Village Ouguri Chapori, Mouza Morongi, District Golaghat, State Assam by M/s. Numaligarh Refinery Limited.

4. The proposal was considered in EAC (Ind-2) meeting held on 15th February, 2024 and 13th – 14th June, 2024 wherein the project proponent M/s. Numaligarh Refinery Limited, Assam and the accredited consultant M/s. Hubert Enviro Care Systems (p) Limited (NABET certificate no. NABET/EIA/1922/RA0172 and validity 27.07.2024) made a detailed presentation on the salient features of the project. The minutes of the meeting and all the Applications and documents submitted [(viz. Form-1 Part A, Part B, Part C EIA, EMP)] are available on the PARIVESH portal which can be accessed by scanning the QR Code available.

5. All Products are listed at S. No. 5(c) of the Schedule of Environmental Impact Assessment (EIA) Notification 2006 and its Amendments under Category ‘A’ and are appraised at the Central Level by the Expert Appraisal Committee (EAC).

6. The details of products and capacity are mentioned below and other details are enclosed at Annexure-2.

S. No.	Name of the Unit	Units	Capacity
1.	Poly propylene unit	KTPA	360

S. No.	Product	Unit	Proposed Quantity
1.	Raffia Grade	KTPA	190
2.	Non-Woven Spun Bond Grade	KTPA	90
3.	Non-Woven Melt Blown Grade	KTPA	25
4.	Injection Moulding Homo-polymer Grade	KTPA	55
	Total Product	KTPA	360

The proposed project is located just adjacent to M/s. NRL from which utilities will be shared. Therefore, PP has submitted CCR for the existing project obtained from IRO, MoEF&CC vide File no. RO-NE/E/IA/AS/OR/36/4827-29 dated 10.11.2023. The action taken report based on the CCR for NRL has been submitted to IRO, MoEF&CC on 28.12.2023. Ministry has also issued closure report w.r.t. SCN issued by the C&M Division MoEF&CC. EAC was satisfied with response of PP.

7. ToR has been issued by the Ministry vide F. No.J-11011/274/2015-IA-II(I) dated 15.07.2022. It was informed that no litigation is pending against the project.

Public Hearing for the proposed project had been conducted by the Assam Pollution Control Board on 04.12.2023 (11:00 AM) at Panka Panchayat Field, Village: Chaurabasti, PO: Kanaighat, District: Golaghat, Assam-785699 chaired by Smt. Orpah Baglary, ACS, District Development Commissioner of Golaghat District. The main issues raised during the public hearing and their action plan are enclosed at Annexure-5.

8. Total land area required is 80.27 Ha hectares in which the total plot area required for the Poly Propylene Unit and its associated facility is 34.8 Ha and the remaining 45.4 Ha will be utilized for future project activities. Greenbelt will be developed in total area of 11.52 hectares i.e., 33.1% of the total project area. The estimated project cost is Rs. 7231 Crores. The capital cost of EMP would be Rs. 4.0236 Crores and the recurring cost for EMP would be Rs. 0.85 Crore per annum. Industry proposes to allocate Rs. 15 crores towards Extended EMP (Corporate Environment Responsibility). Total Employment will be 1953 persons as direct & indirect (Construction Phase: Contract-1750; Permanent: Nil & Operation Phase: Contract: 150, Permanent: 53).

9. There are no national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance. Reserve forests/protected Forests: Kaliyani RF at a distance of 14.50km in SSW direction. There are no Eco-sensitive Zone is spread over an area applicable). The conservation plan for Schedule I species has been submitted to the Principal Chief Conservator of Forests (Wildlife) and Chief Wildlife Warden dated 04.01.2024 and a budget of 0.82 Crores has been earmarked for the same. Waterbodies: Dhansiri River is at a distance of 0.80 km in the N direction, Kaliani River is at a distance of 1.36 km in the WNW direction, Doygum River is at a distance of 4.68 km in the ESE direction, Deuri Nadi is at a distance of 6.62 km in SSW direction and Disai Nadi is at a distance of 9.41 km in N direction.

10. Ambient air quality monitoring was carried out at 8 locations during December 2022 to February 2023 and the baseline data indicates the ranges of concentration as: PM₁₀ (58.34 -72.58g/m³), PM_{2.5} (26.49-41.63g/m³), SO₂(9.90-19.38g/m³) and NO₂(19.14-28.57g/m³). AAQ modelling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 0.079g/m³, 0.074g/m³ and 0.709 g/m³ respectively for PM₁₀, SO₂ and NO_x. The resultant concentrations are well within the National Ambient Air Quality Standards (NAAQS).

11. Total fresh requirement will be 5040 KLD which will be met from NREP Treated water header for which raw water source is surface water from river Dhansiri. NOC has been obtained from Department of Irrigation, Assam vide letter no. DDMI/TB-8/1728/2011/28 dated 02.05.2019 and IGN (P) 193/95/10-A dated 21.07.1995. Proposed effluent generation will be 50.442 m³/hr of which 0.23 m³/hr will be treated through existing NREP (Numaligarh Refinery Expansion Project) ETP (Design: 450 m³/hr) and 50 m³/hr of cooling tower blowdown will be treated through RO plant (Design: 600 m³/hr) under NREP ETP package and Domestic waste water of 0.212 m³/hr will be diverted to existing NREP ETP for further treatment. The plant will be based on Zero Liquid discharge system and no treated effluent will be discharged outside the factory premises.

12. Power requirement will be 26 MW which will be met from state grid. MoU for power requirement from State Grid has been obtained vide letter no. 321570 dated 29th April 2019. Industry has proposed 750 KW DG set which will be used as standby during power failure and stack height of 14 m will be provided as per CPCB norms with the proposed DG set.

13. Details of Process emissions generation and its management:

There will be no stack emissions from the PPU project since no furnace is involved. DG A 14 m HIGH and 0.05m Dia. stack will be installed with the proposed DG set. The expected emissions of stack are estimated to be with PM (0.0115 g/s), SO₂ (0.0107 g/s) and NO_x (0.163 g/s).

14. Details of solid waste/Hazardous waste generation and its management:

Solid waste generation

Organic waste

- The organic waste generation during construction phase will be 472.5 Kg/day and operation phase will be 54.81 Kg/day and collected through municipal bins.

Inorganic waste

- The inorganic waste generation quantity during construction phase will be 315 Kg/day and operation phase will be 36.54 Kg/day and disposed to PCB authorized recyclers.

Hazardous waste generation

- Hazardous waste generation (like spent adsorbents, spent filter cartridge, PP dust, Oily waste, waste lube oil etc.) of 86.16 MTPA will be generated from this project which will be disposed off as per Hazardous Wwaste (Mmanagement & Transboundary Movement) rRules'2016 and as amended.

15. The proposal was earlier considered by the EAC (Ind-2) in its EC meeting held during 15.02.2024 wherein EAC deferred the proposal and desired certain requisite information/inputs. Additional Information desired by the EAC and responses submitted by the project proponent is as under:

S. No.	ADS by MoEF&CC	Reply by PP
1	The proposed plot no. 11 is falling in the 'No Development Zone' (NDZ) notified by MoEF&CC dated 05.07.1996. The said NDZ was notified to	As per NDZ notification issued in 1996, area around NRL (15 km radius) has been declared as NDZ. All the seven ECs granted to NRL for earlier Projects were

S. No.	ADS by MoEF&CC	Reply by PP
	<p>reduce pressure on the natural resources and the wild-life habitat in the Kaziranga National Park and its surroundings. The said NDZ notification mentions that expansion of industrial area, townships, infrastructure facilities and such other activities which could lead to pollution and congestion shall not be allowed within "No Development Zone" specified in the Appendix to this notification, except with the prior approval of the Central Government.</p> <p>It was noted that the Ministry has granted expansion of the refinery vide EC dated 27.07.2020 together with the permission in 'No Development Zone'. However, PP has not clarified the status of the previous ECs granted to M/s Numaligarh Refinery Limited. EAC asked to PP to clarify the status of the same.</p>	<p>executed within the premise of Numaligarh Refinery only. The eighth EC for NRL was granted for the ongoing expansion project (NREP) from 3 to 9 MMTPA which is also being executed within the existing Refinery premises.</p> <p>However, during the discussion with all stakeholders in connection to the Numaligarh Refinery Expansion Project (NREP) at O/o DFO, Golaghat Forest Division dtd 03.06.2019, 9 nos. of plots Under NDZ were recommended for taking up associated developmental project activities.</p> <p>About 200 acres (appx. 80 Ha.) land was acquired adjacent to the existing refinery by NRL which is a part of Plot no.11 and is one of the recommended 9 nos. of plots in the NDZ. NRL had informed to MoEF&CC vide letter dtd 27.06.2022 about the possession of the said land along with the land document copy as a compliance to EC condition.</p>
2	<p>Further, it was also noted that the Proposed Polypropylene Unit (PPU) is located at Ouguri Chapori Village, Morongi Mouza, Golaghat District, Assam beside the existing refinery from which utilities are shared to which PP has informed that Certified Compliance Report (CCR) is not applicable, since it is a Greenfield project.</p> <p>However, EAC opined that, as proposed project is located just adjacent to M/s. NRL and utilities will be shared from the M/s. NRL, CCR of the same shall be submitted.</p> <p>Accordingly, PP has presented, CCR for the existing project issued by IRO, MoEF&CC vide File no. RO-NE/E/IA/AS/OR/36/4827-29 dated 10.11.2023. The action taken report based on the CCR for NRL has been submitted to IRO, MoEF&CC on 28.12.2023.</p>	<p>CCR of the existing project:</p> <ul style="list-style-type: none"> • The CCR for the existing project has been provided by IRO, MoEF&CC vide File no. RO-NE/E/IA/AS/OR/36/4827-29 on 10.11.2023. • The Action taken report based on the CCR for NRL has been submitted to IRO, MoEF&CC on 28.12.2023. • The Acknowledgement copy from MoEF&CC have been provided through mail dated 23.01.2024. • The CCR for the existing project, Action taken report and Acknowledgment copy have been submitted.
3	<p>The Compliance & Monitoring division of the Ministry has issued SCN vide letter IA-J-11014/128/2023-IA-I dated 29th January, 2024 as there was substantive non-compliance of environmental conditions reported related to developmental activities done in 'No Development Zone' without prior approval from Ministry, presence of oil spillages and water stagnation in storm water around the ETP, guard ponds effluents were found to be leaching into the nearby storm water drain containing pollutants among others. PP shall provide the closer report of the SCN issued by the Ministry.</p>	<p>Personal hearing Proceedings held on 18.04.2024 at MoEF&CC, Delhi under Chairmanship of JS, MoEF&CC for Closure of the Show Cause Notice is submitted. Action taken report against the proceedings of personal hearing submitted to MoEF&CC, Delhi on 27.05.2024 and is also submitted.</p>
4	<p>EAC suggested that Industry shall install 10 % of the solar power within the plant premises.</p>	<p>NRL already has a portfolio of 1.05 MW of Solar photovoltaic capacity.</p> <p>As suggested installation of 2.6 MW solar power i.e. 10% of total Power requirement for PPU 26 MW) will not be feasible within project area due to space constraints. NREP shall ensure purchase & use of 2.6 MW of RE power through grid, in PPU.</p>

S. No.	ADS by MoEF&CC	Reply by PP
		It was also deliberated during the site visit of EAC subcommittee on 02.04.2024 to exempt the said recommendation and to provide suggestions.
5	EAC suggested to increase the budget allocated in CER to at least to Rs. 15 Crore to address the issues raised in PH.	CER budget has been revised to INR 15 Crores as suggested and to be spent in 3 years as agreed by EAC sub-committee during site visit on 02.04.2024 and is submitted.
6	PP shall submit revised EMP incorporating preventive measures to be taken to control odour problem in nearby villages, hazardous waste disposal plan, flaring effect in silk & tea gardens.	<p>Odour control measures:</p> <ol style="list-style-type: none"> 1. Monitoring of fugitive emissions and LDAR (Leak Detection and Repair) program will be done quarterly with the help of an external agency. Thus, observed leaks will be identified and rectified. 2. Efficient operation of Effluent Treatment plant under NREP will be maintained to control odour problems. The NREP ETP is designed to handle all odorous wastewater streams in closed and covered system and VOC collection & treatment system shall also be implemented. 3. Odour can be reduced by developing green belt. Green belt in 11.52 Ha area with suitable plant species will be developed along the plant periphery to form a surface capable of absorbing and forming sinks for odorous gases. 4. NREP Flare system with stack height of about 160m shall be available for dispersion of gaseous pollutants at adequate height and eliminating chances of ground level concentration. Flare gas recovery system shall also be implemented. 5. To enable rapid detection of leak/ fire, flammable gas detector will be located in strategic location in the PPU. 6. For positively pressurized building, both Hydrocarbon & Toxic detectors will be placed at suction duct of HVAC. HVAC to be tripped automatically in event of the detection of any Hydrocarbon / toxic material by detector. 7. All transfers from drums / tanks will be done through pumps in closed pipelines. 8. Raw materials/ intermediates will be stored in closed tanks/drums to avoid fugitive emissions. 9. Proper storm water management will be adopted 10. High grade gasket material for packing. 11. Usage of pumps with Double Mechanical seals for light hydrocarbon services. 12. Hazardous waste will be stored in enclosed manner in compliance with the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules 2016. 13. Provide spill clean-up material (adsorbents, booms, drain plugs, etc.) at strategic points around the installation and prepare spill contingency plans. <p>Hazardous Waste Management:</p> <ol style="list-style-type: none"> 1. Hazardous waste materials generated will be properly disposed of as per the Hazardous Wastes (Management,

S. No.	ADS by MoEF&CC	Reply by PP
		Handling and Transboundary Movement) Rules 2016. 2. Designated storage location for Hazardous waste will be provided under continuous monitoring to prevent land contamination. 3. Waste like spent adsorbents, spent filter cartridge filter etc. will be disposed off in the Secured Landfill. Spent lube oil generated will be disposed of through authorized recyclers. Oily waste generated will be disposed of through authorized recyclers or will be bioremediated. Flaring effect in silk and tea gardens: Flare package is not a part of the PPU project and is considered only under NREP. However, a study report for the effect of the Flare in silk and tea gardens has been carried out and submitted.
7	Risk assessment plan together with the mitigation plan shall be submitted. PP shall also provide the preventive measures for the possible odour problem from the industry as few villages are located nearby.	Risk Assessment Report has been revised and submitted. Preventive measures for the possible odour problem from the industry have been included in the RRA report.
8	As the effluent generated in the Polypropylene unit will be treated in the ETP installed at NREP, PP was asked to submit adequacy report of the ETP's vis-a-vis as their capacity to handle the additional flow and pollution load.	The adequacy report of NREP ETP as recommended has been submitted.
9	PP was asked information on the sampling and analytical methods used for monitoring ambient air quality.	Information on the sampling and analytical methods used for monitoring ambient air quality has been provided.
10	PP was asked to revise the green belt development plan to cover 33% of the total plant area.	The area allocated for the green belt development for the Polypropylene Unit covering 33% of the total plant area (i.e., 33% of 34.8 Ha= 11.52 Ha.) has been revised and submitted.
11	PP was to include fire exposure, toxicity index, societal risk, impact due to varying size of leakages, etc; in the risk assessment report.	The Risk Assessment report has been revised and has been submitted.

EAC noted that O/o DFO, Golaghat Forest Division, Assam vide Minutes of Meeting dtd 03.06.2019, recommended 9 nos. of plots under NDZ for taking up associated developmental project activities of the instant proposal.

Accordingly, about 200 acres (appx. 80 Ha.) land was acquired adjacent to the existing refinery by NRL which is a part of Plot no.11 which is one of the recommended 9 nos. of plots in the NDZAs recommended vide Minutes of Meeting dtd 03.06.2019.

EAC Sub-Committee visited NRL site on 02.04.2024 and inspected the site followed with a meeting with the all Stakeholder HODs of the concerned departments of NRL on 02.04.2024.

ADS by MoEF&CC on 04.06.2024

S. No.	ADS by MoEF&CC on 04.06.2024	Reply by PP
1	As stated in the MoM of the EAC meeting held on 15.02.2024, NRL was required to provide closure report of the SCN issued by the Ministry vide letter IA-J-11014/128/2023-IA-I dated 29th	The closure report of the SCN issued by the Ministry vide letter IA-J-11014/128/2023-IA-I dated 29th January 2024 has been submitted.

S. No.	ADS by MoEF&CC on 04.06.2024	Reply by PP
	January 2024.	

REPORT OF THE EAC SUBCOMMITTEE VISIT:

(01.04.2024- 03.04.2024 TO M/S NUMALIGARH REFINERY LIMITED)

FIELD OBSERVATION:

a) Construction in NDZ area: It was observed during the site visit that the PP has started construction activities as per the EC dated 27.02.2020 together with activities in the NDZ area.

b) Green belt: As per the approved layout plan of green belt development has been developed in around 40% of the area (Fig 3). A Green Belt covering a total area of around 60 hectares of land and around 100 mtrs. width around the refinery and around 25 mtrs width around the NRMT has been developed as per the Green Belt Development Plan. However, as the expansion work of the EC dated 27.02.2020 was in place, NRL was advised to carry out survey to measure the width of the green belt available along the refinery boundary and submit the same during the appraisal of the proposal.

c) Effluent Discharge: During the site visit, the effluent discharge in the open area/drain outside the Secured Landfill Facility (SLF) was observed (Fig 4). The footprint of continued discharge was also visible from the SLF site to drain. In this regard, PP informed that NRL has installed a captive SLF facility of capacity around 6000 m³ for safe and systematic disposal of oily sludge having oil content <4% as per the CPCB guidelines. The SLF system also consists of Primary and Secondary Leachate collection facilities comprising of 4 nos. of submersible pumps for diverting the leachate through the OWS (Oily Water Sewer) network to ETP for further treatment. Further, PP submitted that the effluent discharge in the open area outside the SLF was due to leakage in the pump discharge near the secondary leachate collection well. PP was asked to take necessary corrective actions to rectification of the leakage by replacing the entire disposal piping segment.

d) Some filled and empty drums (filled with hazardous sludge) were kept openly inside the premises (Fig 5). In case of any fire/emergency, drums can be obstacles during evacuation. Moreover, filled drums with hazardous sludge can act as fire and runoff hazards.

e) Biotreatment of the sludge: As per the suggestion of SRO Guwahati, height of the retaining wall through bioremediation area should be increased based on the maximum rainfall of the area to ascertain that no oily sludge overflows into the nearby water bodies. It was noted during the site visit that PP has started construction work for increasing the wall height of the bioremediation pit (Fig 6). However, the wall height of the Bioremediation pit was not fully completed on the day of the site visit. PP was asked to complete the work before the start of the Manson.

f) ETP: During the visit, it was observed that M/s. Numaligarh Refinery Limited is having an integrated and modern Effluent Treatment Plant (ETP) with tertiary treatment facilities for the treatment of industrial effluent generated. ETP also includes a three-stage oil recovery system from the wastewater streams. The Schematic Diagram for the Effluent Treatment Plant (ETP) of M/s Numaligarh Refinery Limited has been attached as Fig 7: It was noted during the visit that the guard pond in the ETP was built with a RCC lined earthen pond with two compartments, used for storage of the treated process effluent and the treated CRW + CTBD stream along with the DM neutralized waste stream which is received directly into the Guard Pond.

g) In the Sulphur recovery plant, solid Sulphur are haphazardly placed in the open area.

END NOTE:

It is evident from the above that the construction activities have been started in the NDZ area as well. EC dated 27.02.2020 allows the project in NDZ with Specific Condition (iii) that the details of site to be utilized for associated activities in the NDZ area to be submitted to the Ministry within Six months. However, PP has not submitted the details of site as per the condition. The issue was also highlighted in the Personal Hearing for the project "M/s Numaligarh Refinery Limited at District Golaghat, Assam", held on 18.04.2024 w.r.t. Show cause notice issued to PP vide letter dated 19.02.2024. As per the proceeding of the meeting:

“.....5. Observations of Member Secretary Ind-II: Member Secretary, IA (Ind-II), highlighted the issue pertaining to construction in No Development Zone (NDZ), which was noted by the sub-committee of EAC(Ind-II). In this regard, PP shared the copy of the EC dated 27.07.2020, which allows the project in NDZ with Specific Condition iii that the details of site to be utilized for associated activities in the NDZ area to be submitted to the Ministry within Six months. PP submitted that due to COVID pandemic period the information could not be submitted and PP had also sought time for submission of the desired document. After deliberation on the matter, it was concluded that permission for activities in NDZ is already there with PP. As far as non-submission of the requested information within given time regarding associated activities in the NDZ area is concerned, it shall be considered as non-Compliance of the EC Condition and PP to submit the information to the concerned authorities immediately. Further, PP shall apply for amendment of EC conditions on PARIVESH which are not applicable/feasible to the project at the earliest.....”

In view of the above, PP shall submit the necessary amendments in the EC at the earliest. Further, as per the EAC MoM dated 27.02.2024, PP shall submit the closer report of the SCN issued by the Ministry.

Accordingly, PP has submitted the closure report issued by the C&MD, MoEF&CC vide letter dated 31.05.2024. EAC was satisfied with the response of PP.

16. During deliberations, EAC discussed the following issues:

- PP shall submit details of activities and tentative location of Healthcare and Educational facilities. Accordingly, PP has submitted the same.
- PP shall submit list of aromatic plants species to control the odour in the green belt area. Accordingly, PP has submitted the same.
- PP shall submit the compliance against the observations raised during the site visit by the Subcommittee constituted by EAC. Accordingly, PP has submitted the same.
- PP shall provide additional measures for mitigation of flaring effect considering meteorological conditions. Accordingly, PP has submitted the same.
- PP shall provide additional Risk Mitigation measures due to the project on nearby villages. Accordingly, PP has submitted the same.

The committee was satisfied with the response provided by PP on the above information. Further, the Committee desired to submit the above information in writing. Accordingly, PP has submitted the desired information and EAC found the information/commitments satisfactory.

17. The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with the EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

18. The Committee noted that the EIA/EMP report is in compliance of the ToR issued for the project, reflecting the present environmental concerns and the projected scenario for all the environmental components. The Committee has found the baseline data is within NAAQ standards. The Committee has deliberated the action plan proposed by the project proponent to arrest the incremental GLC due to the project. The Committee has also deliberated on the CER plan and found to be addressing the issues in the study area. The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have recommended for grant of environmental clearance.

19. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to

the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

20. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the project proposed Poly Propylene Unit (PPU) Of Capacity 360KTPA” Located at Village Ouguri Chapori, Mouza Morongi, District Golaghat, State Assam by M/s. Numaligarh Refinery Limited, under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions enclosed at Annexure-1.

21. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

22. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

23. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

24. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

25. This issues with the approval of the Competent Authority.

Copy To

1. The Secretary, Environment & Forest, H-Block, 2ndFloor, Janata Bhawan, Disupr, Guwahati - 781006 (Assam)Floor, Janata Bhawan, Disupr, Guwahati - 781006 (Assam).
2. The Regional Officer, Ministry of Env., Forest and Climate Change, Regional Office, Guwahati, 4th Floor, HOUSEFED Building, G.S. Road Rukminigaon, Guwahati - 781022 Floor, HOUSEFED Building, G.S. Road Rukminigaon, Guwahati - 781022.
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi - 32.
4. The Member Secretary, Pollution Control Board Assam, Bamunimaidam, Guwahati - 21 (Assam).
5. Compliance & Monitoring Division, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi – 3.
6. District Collector, Numaligarh, Assam, Assam.
7. Guard File/Monitoring File/ Parivesh Portal /Record File.

Annexure 1

Specific EC Conditions for (Petro-chemical Complexes (Industries Based On Processing Of Petroleum Fractions))

1. Petro-chemical Complexes (Industries Based On Processing Of Petroleum Fractions)

S. No	EC Conditions
1.1	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be

S. No	EC Conditions
	implemented (Annexure - 3).
1.2	Total freshwater requirement shall not exceed 5040 KLD, proposed to be met from NREP Treated water header for which water is sourced from river Dhansiri. Necessary permission in this regard shall be obtained from the concerned regulatory authority.
1.3	The entire wastewater generated by the PPU unit shall be treated in the ETP installed at NREP. The entire treated water shall be taken back and recycled and reused in the PPU, thereby reducing the freshwater requirement to that extent.
1.4	The freshwater requirement shall be reduced after the installation of rainwater harvesting system in the unit/project area. Comprehensive water audit to be conducted on an annual basis and report to the concerned Regional Office of MEF&CC. The outcome from the report to be implemented for conservation scheme.
1.5	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond
1.6	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm, and solvent transfer to be done through pumps.
1.7	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF. The ash from boiler shall be sold to brick manufacturers/cement industry.
1.8	The unit shall install 03 continuous monitoring stations considering the wind rose (meteorological conditions) and in consultation with Assam SPCB for monitoring of PM10, PM2.5, SO2, NOx, O3, VOC's, THC and NMHC. Sensors shall be installed for monitoring of VOCs, THC's and NMHC's at all storage tanks, transfer and vulnerable points.
1.9	The oily sludge shall be subjected to melting pit for oil recovery and the residue shall be bio-remediated. The sludge shall be stored in HDPE lined pit with proper leachate collection system. The leachate collected shall be treated to meet the norms specified under E(P) Act, 1986.
1.10	Oil catchers/oil traps shall be provided at all possible locations in the rain/stormwater drainage system inside the factory premises.
1.11	The company shall undertake waste minimization measures as below: a) Metering and control of quantities of active ingredients to minimize waste. b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. c) Use of automated filling to minimize spillage. d) Use of Close Feed system into batch reactors. e) Venting equipment through vapour recovery system. f) Use of high-pressure hoses for equipment cleaning etc. to reduce wastewater generation.
1.12	Greenbelt of at least 10m width shall be developed in 11.52 hectares i.e., 33.1 % of total project area with tree density @ 2500 trees per hectare, all along the plant periphery. Indigenous aromatic plants species to control the odour shall only be planted for greenbelt development and and only native species shall be developed. Non-indigenous / alien species shall be replaced with native

S. No	EC Conditions
	species. No invasive or alien or non-native tree species shall be selected for plantation. PP shall develop at least 20 varieties of species as a part of the greenbelt. Saplings 4-6 feet high shall be planted. Selection of plant species shall be as per the CPCB guidelines, in consultation with CBRI-Lucknow and the State Forest Department. Records of tree canopy shall be monitored through remote sensing map. Greenbelt development shall be completed before the commissioning of the plant. Trees shall be planted in the Green Belt under the campaign #Plant4Mother #एक पेड़ माँ के नाम and uploaded on the MeriLiFE portal (https://merilife.nic.in/).
1.13	PPU plant of NREP shall initiate the following measures to control fugitive emissions: (a) Install Trolley mounted Fog/Mist generators within the unit. (b) Install Automatic sensor-based Wheel washing system for vehicles exiting the refinery. (c) Sprinkling water along the haul roads within the refinery and also on the roads outside the plant premises. (d) Develop green belt along the plant roads within the plant premises and on outside roads joining the plant at least up to 0.50 km to control fugitive dust emissions. (e) Procure Mechanised Industrial Vacuum cleaners for regular cleaning of plant roads.
1.14	PP shall sign power purchase agreement with renewable energy producer(s) to meet 10% of its power requirement from renewable energy sources.
1.15	PP proposed to allocate Rs. 15.00 Crores towards CER to address issues raised in the Public Hearing conducted on 04.12.2023 which shall be spent as submitted in the CER plan. The action plan shall be completed within the timeline proposed (Annexures - 4 & 5).
1.16	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
1.17	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
1.18	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. In case of the treated effluent to be utilized for irrigation/gardening, real time monitoring system shall be installed at the ETP outlet.
1.19	PP to set up occupational health Centre for surveillance of the worker's health within and outside the plant on a regular basis. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.
1.20	The National Emission Standards for Petrochemical (Basic & Intermediates) issued by the Ministry vide G.S.R. 820 (E) dated 9th November 2012 as amended from time to time shall be followed.
1.21	Recommendations of mitigation measures from possible accidents shall be implemented based on Risk Assessment studies conducted for worst-case scenarios using latest techniques.
1.22	The project proponent shall develop R& D facilities to develop their own technologies for propylene and polypropylene processing.

S. No	EC Conditions
1.23	PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of the Notification published by MOEFCC on 12th August 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to the concerned authority.
1.24	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. The firefighting system shall be as per the norms. PESO certificate shall be obtained. Location of storage tanks of flammable substances shall be placed in such a way that in the event of any fire, accident, explosion or any unforeseen conditions the impact of such an event should not go beyond the boundary of the plant i.e. the risk should be tolerable (acceptable) at the boundary.
1.25	Company shall maintain an Emergency Response Decision support system in such a way so that identification of the detector's network for the location of the leak source and the probable leaked quantity in real-time, followed by modelling of the dispersion of the plume and consequences as forecast is done in advance and thus, no leak accident may go unattended. Accordingly, a Risk Mitigation plan shall be in place and tested using the 3D CFD modelling.
1.26	Company shall determine the distance of fire hydrant while finalizing its location from storage tanks of flammable substances or any other hazardous storage substance shall be based on the dispersion of Thermal Radiation so that during any unforeseen situation fire hydrant is always available to operate manually.
1.27	Specific arrangements shall be made for the prevention of leakage of Hydrogen and its safety.
1.28	The permission is restricted to the proposed Poly Propylene Unit of 360 KTPA capacity located within the jurisdiction of Numaligarh "No Development Zone" only and any change in this require prior approval of the Ministry. Further, any other activities outside the scope of work of this proposal shall not be allowed.

2. General Conditions

S. No	EC Conditions
2.1	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
2.2	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
2.3	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).

S. No	EC Conditions
2.4	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
2.5	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
2.6	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
2.7	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
2.8	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
2.9	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/ . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.
2.10	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
2.11	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

Annexure 2

Details of the Project

S. No.	Particulars	Details	
a.	Details of the Project	PROPOSED POLY PROPYLENE UNIT (PPU) OF CAPACITY 360KTPA	
b.	Latitude and Longitude of the project site	26.58413789683813,93.7728401569587 26.59130775950022,93.7873471204955	
c.	Land Requirement (in Ha) of the project or activity	Nature of Land involved	Area in Ha
		Non-Forest Land (A)	34.8
		Forest Land (B)	0
		Total Land (A+B)	34.8
d.	Date of Public Consultation	Public consultation for the project was held on	
e.	Rehabilitation and Resettlement (R&R) involvement	NO	
f.	Project Cost (in lacs)	723100	
g.	EMP Cost (in lacs)	402.36	
h.	Employment Details		

Details of Products & By-products

Name of the product /By-product	Product / By-product	Quantity	Unit	Mode of Transport / Transmission	Remarks (eg. CAS number)
Raffia Grade	Product	190000	Tons per Annum (TPA)	Road	
Non-Woven Spun Bond Grade	Product	90000	Tons per Annum (TPA)	Road	
Non-Woven Melt Blown Grade	Product	25000	Tons per Annum (TPA)	Road	
Injection Moulding Homo-polymer Grade	Product	55000	Tons per Annum (TPA)	Road	

Details of capital and recurring cost of EMP:

S.No	Equipment	Capital cost (Lakhs)	Recurring Cost (Lakhs) per Annum
1	Air Environment		
1.1	Additional Plantation Activities (Trees and Shrubs)	207.36	50
1.2	Air quality monitoring	100	20
2	Noise Environment		
2.1	Additional Plantation Activities	Included in 1.1	Included in 1.1
2.2	Audiometric tests	5	2
3	Water Environment		
3.1	Rain water Harvesting pits	50	3
3.2	Storm Water Management	20	-
4	Land Environment		
4.1	Additional Plantation Activities	Included in 1.1	Included in 1.1
4.2	Solid waste management	20	10
5	Biological environment		
5.1	Additional plantation activities	Included in 1.1	Included in 1.1

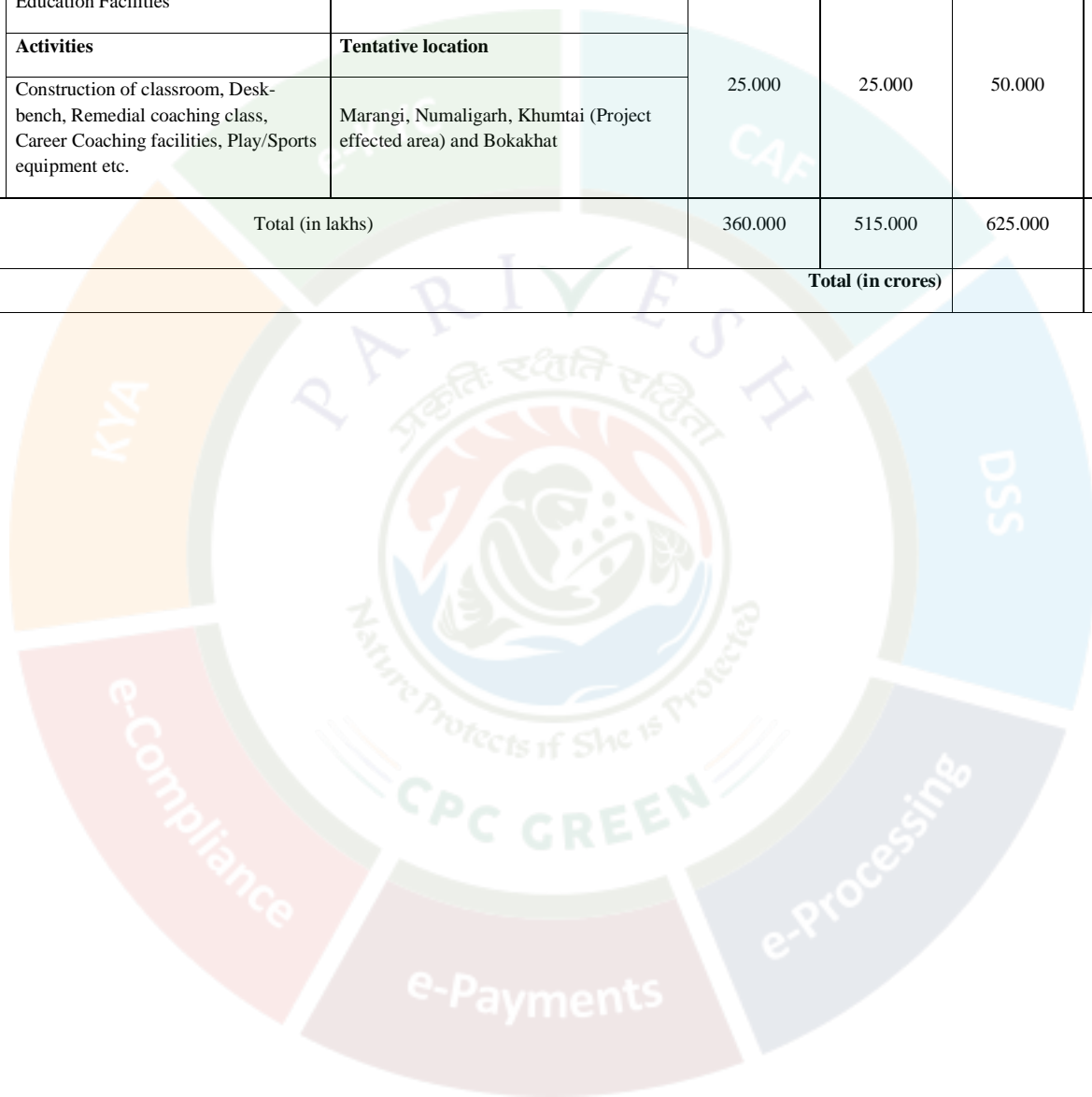
Total INR	402.36	85
-----------	--------	----

ANNEXURE-4

Details of CER with proposed activities and budgetary allocation:

Sl.No	Activities	CER Budget allocation (in lakhs)			
		1st year	2nd Year	3rd Year	Total
1	Action to address unemployment problems with the following activities: a. Income generating schemes for individual/joint liability group/SHG/Farmers groups like Poultry, goatery, piggery, dairy, fishery, weaving, cutting and tailoring, agri and agri allied, horticulture, floriculture, mechanized equipments, tools& tackles and machinery b. Employable Skilling	25.000	25.000	50.000	100.000
2	Setting up indoor and outdoor stadium/sports facilities / playground for promoting physical fitness and health and overall well being	100.000	100.000	100.000	300.000
3	Installation of Solar Streetlights in the nearby areas	25.000	25.000	25.000	75.000
4	Providing Safe Drinking water facilities	10.000	15.000	25.000	50.000
5	Providing alternate Livelihood schemes like Charge light, Tongi ghar, lemon tree plantation, honey bee , solar fencing etc for man-elephant conflict affected people	50.000	100.000	100.000	250.000

6	Rural developmental activities like construction of roads, Community hall, Swahid bedi etc		100.000	200.000	250.000	550.000
7	Healthcare Facilities		25.000	25.000	25.000	75.000
	Activities	Tentative location				
	Renovation of health institutes/facilities , organizing Health Camps, Support to physically handicapped centre/Old-Age Home etc.	Marangi, Numaligarh, Khumtai (Project effected area) and Bokakhat				
8	Education Facilities		25.000	25.000	50.000	100.000
	Activities	Tentative location				
	Construction of classroom, Desk-bench, Remedial coaching class, Career Coaching facilities, Play/Sports equipment etc.	Marangi, Numaligarh, Khumtai (Project effected area) and Bokakhat				
Total (in lakhs)			360.000	515.000	625.000	1500.000
			Total (in crores)			15



The main issues raised during the public hearing and their action plan:

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline														
1	Representative of All Assam Students Union (AASU):	Welcoming the setting up of the Proposed Poly Propylene Unit project by M/S NRL, he stated that the project will help generation of employment for the local people through direct and indirect employment and contribute to economic	<p>NRL appreciates the support received from Public on the proposed project.</p> <p>Being a Central Govt. PSU, direct employment will be as per applicable law which will be done following proper process and procedure.</p> <p>NRL takes action for preferential engagement of local manpower as per competency in project activities.</p> <p>Tentative percentage engagement of manpower at NREP Project is as below:</p> <table><tr><td>Total Manpower</td><td>Present</td><td>Future</td></tr><tr><td></td><td>6700</td><td>10,000</td></tr></table>	Total Manpower	Present	Future		6700	10,000	<p>N/A</p> <p>N/A</p> <p>NRL is already undertaking income generating schemes and skill development initiatives and budget has already been considered under CSR and CER (NREP).</p> <p>Additionally, fund allocation for the activities for addressing unemployment problems is given below:</p> <table><tr><td>Year</td><td>2024-25</td><td>2025-26</td><td>Total</td></tr><tr><td></td><td></td><td></td><td></td></tr></table>	Year	2024-25	2025-26	Total					<p>i. N/A</p> <p>ii. N/A</p> <p>iii. To be implemented in phase wise manner by 2026</p>
Total Manpower	Present	Future																	
	6700	10,000																	
Year	2024-25	2025-26	Total																

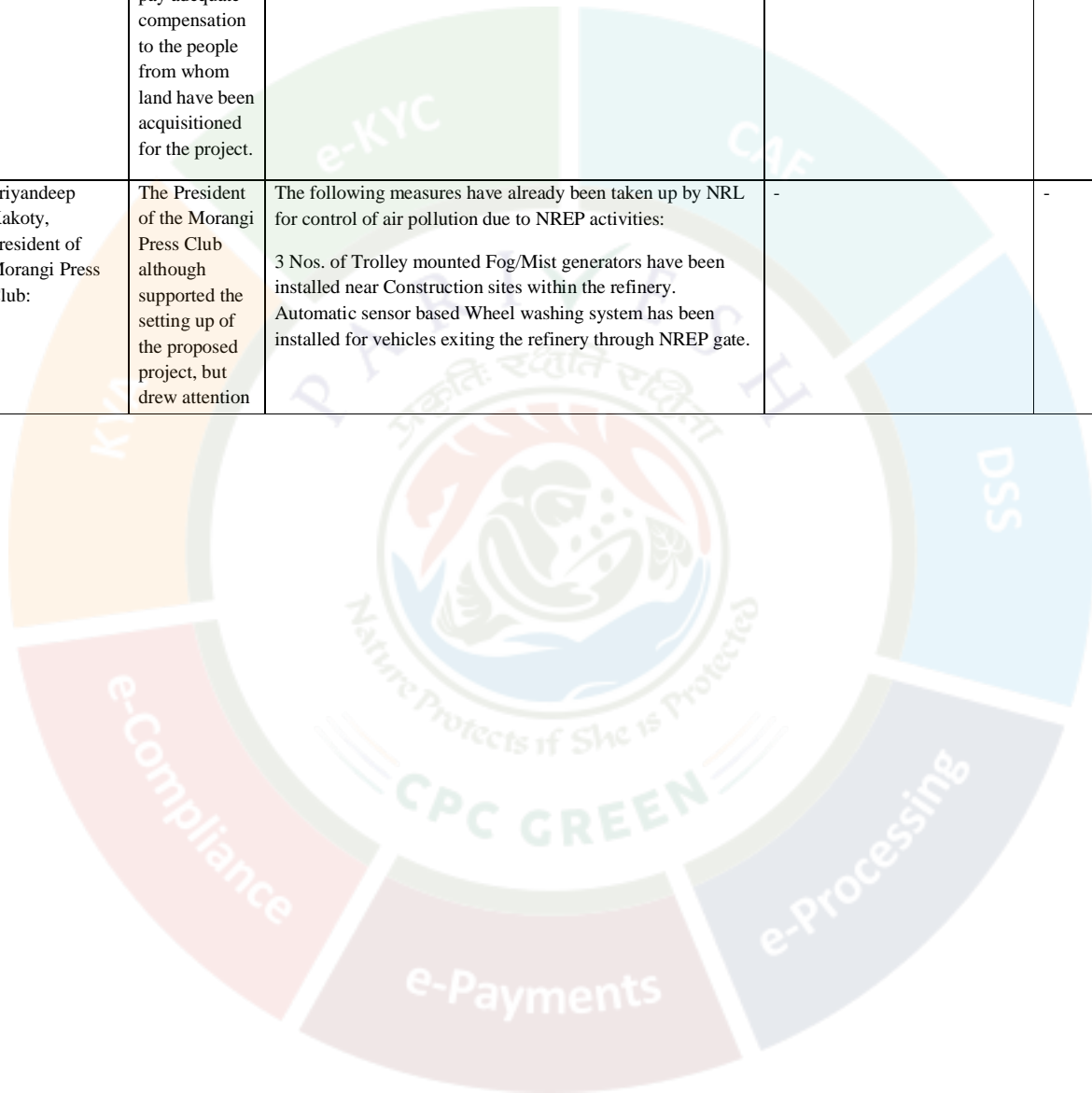
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline																		
		development of the nearby area .He also fondly remembered the sacrifices made by the martyrs of the historic Assam Agitation as a result of which this refinery came into existence in this part of the country.	<div><div>From Assam: 4300 (64%) From other state: 2400 (36%) From Golaghat : 2570 (38%)</div><p>Expected Employment generation due to PPU is as given below:</p><table><tr><th>Description</th><th>Construction Phase</th><th>Operation Phase</th></tr><tr><td rowspan="2">Proposed</td><td>Permanent</td><td>0</td><td>53</td></tr><tr><td>Contract</td><td>1750</td><td>150</td></tr><tr><td colspan="2">Total</td><td>1750</td><td>203</td></tr></table><p>NRL also takes action to address unemployment problems with the following activities:</p><p>Income generating schemes for individual/joint liability group/SHG/Farmers groups</p><p>Employable skilling</p></div>	Description	Construction Phase	Operation Phase	Proposed	Permanent	0	53	Contract	1750	150	Total		1750	203	<table><tr><td>Budget (in Lakhs)</td><td>50</td><td>50</td><td>100</td></tr></table>	Budget (in Lakhs)	50	50	100	
Description	Construction Phase	Operation Phase																					
Proposed	Permanent	0	53																				
	Contract	1750	150																				
Total		1750	203																				
Budget (in Lakhs)	50	50	100																				

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline																							
2	Representative (Jitul Rajkhowa) from Assam Jatiyatabadi Yuba Chatra Parishad (AJYCP), Golaghat:	Echoing the similar sentiment, Mr Rajkhowa emphasised that NRL itself is a project close to the heart of the people of Assam and more particularly of the people of Golaghat District. He expressed hope that addition of the new proposed project in the feather of the NREP should not only help in strengthening the economy	<p>NRL appreciates the support received from Public on the proposed project.</p> <p>Being a Central Govt. PSU, direct employment will be as per applicable law which will be done following proper process and procedure.</p> <p>NRL takes action for preferential engagement of local manpower as per competency in project activities.</p> <p>Tentative percentage engagement of manpower at NREP Project is as below:</p> <table><tr><td>Total Manpower</td><td>Present</td><td>Future</td></tr><tr><td></td><td>6700</td><td>10,000</td></tr><tr><td colspan="3">From Assam: 4300 (64%)</td></tr><tr><td colspan="3">From other state: 2400 (36%)</td></tr><tr><td colspan="3">From Golaghat : 2570 (38%)</td></tr></table> <p>Expected Employment generation due to PPU is as given below:</p>	Total Manpower	Present	Future		6700	10,000	From Assam: 4300 (64%)			From other state: 2400 (36%)			From Golaghat : 2570 (38%)			<p>N/A</p> <p>N/A</p> <p>NRL is already undertaking income generating schemes and skill development initiatives and budget has already been considered under CSR and CER (NREP).</p> <p>Additionally, fund allocation for the activities for addressing unemployment problems is given below:</p> <table><tr><td>Year</td><td>2024-25</td><td>2025-26</td><td>Total</td></tr><tr><td>Budget (in Lakhs)</td><td>50</td><td>50</td><td>100</td></tr></table>	Year	2024-25	2025-26	Total	Budget (in Lakhs)	50	50	100	<p>i. N/A</p> <p>ii. N/A</p> <p>iii. To be implemented in phase wise manner by 2026</p>
Total Manpower	Present	Future																										
	6700	10,000																										
From Assam: 4300 (64%)																												
From other state: 2400 (36%)																												
From Golaghat : 2570 (38%)																												
Year	2024-25	2025-26	Total																									
Budget (in Lakhs)	50	50	100																									

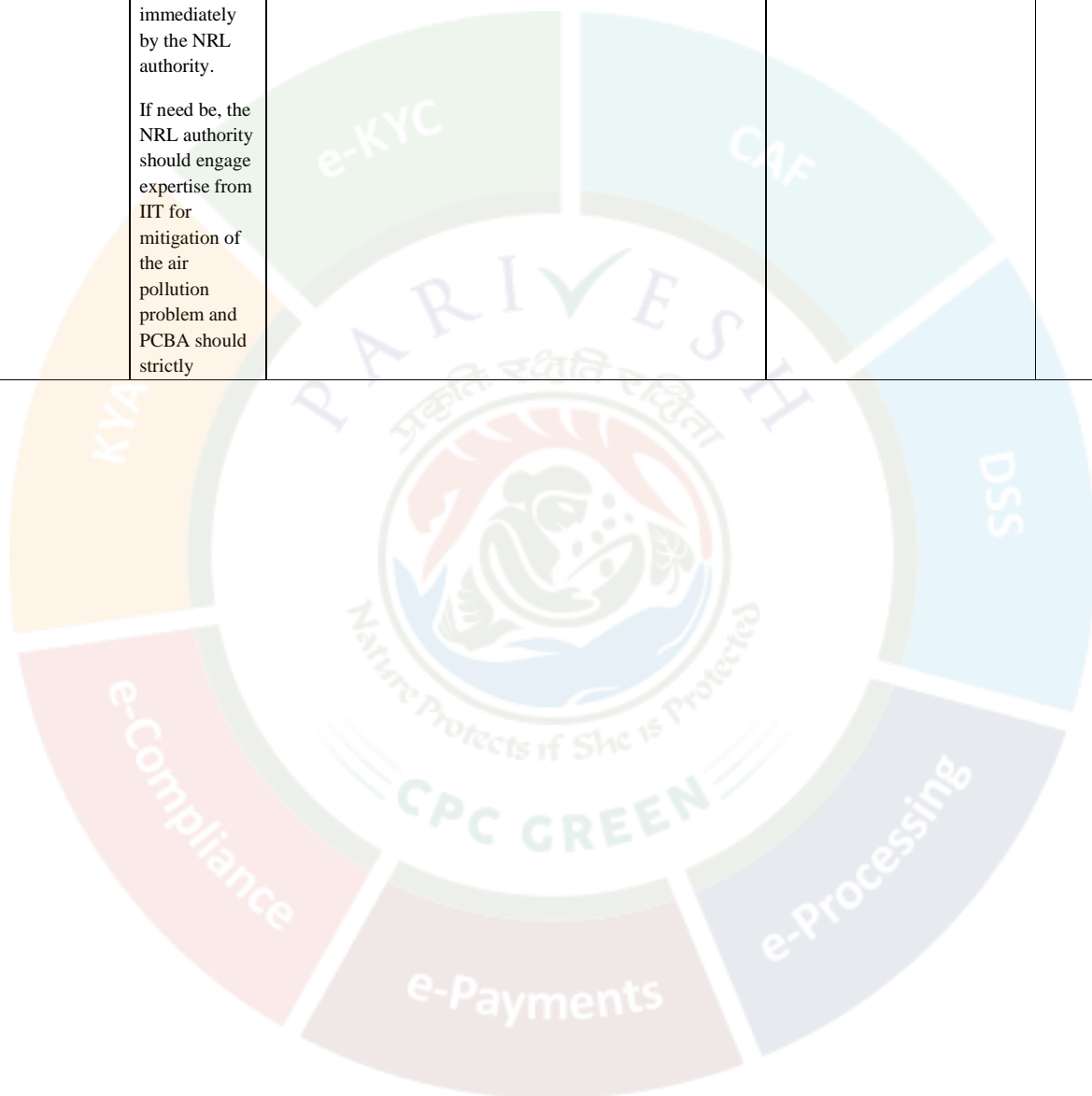
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline															
		of the state but help in providing employment of the local youths both in direct and indirect ways. He also wished that NRL Authority would make the procedure ease to accommodate local youths in various capacity of employment.	<table><tr><td colspan="2">Description</td><td>Construction Phase</td><td>Operation Phase</td></tr><tr><td rowspan="2">Proposed</td><td>Permanent</td><td>0</td><td>53</td></tr><tr><td>Contract</td><td>1750</td><td>150</td></tr><tr><td colspan="2">Total</td><td>1750</td><td>203</td></tr></table> <p>NRL also takes action to address unemployment problems with the following activities:</p> <p>Income generating schemes for individual/joint liability group/SHG/Farmers groups</p> <p>Employable skilling</p>	Description		Construction Phase	Operation Phase	Proposed	Permanent	0	53	Contract	1750	150	Total		1750	203		
Description		Construction Phase	Operation Phase																	
Proposed	Permanent	0	53																	
	Contract	1750	150																	
Total		1750	203																	
3	Representative (Bipul Bora) from Assam Jatiyatabadi Yuba Chatra Parishad	While expressing support for the proposed Poly-Propylene	<p>Being a Central Govt. PSU, direct employment will be as per applicable law which will be done following proper process and procedure.</p> <p>NRL takes action for preferential engagement of local manpower as per competency in project activities.</p>	<p>N/A</p> <p>N/A</p> <p>NRL is already undertaking income generating schemes and skill development initiatives</p>	<p>i. N/A</p> <p>ii. N/A</p> <p>iii. To be implemented in phase wise</p>															

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline																												
	(AJYCP), Bokakhat :	<p>Project of the NREP, Sri Bora requested the Project Proponent</p> <p>to ensure that the proposed project brings further economic development of the locality and involve local people to the extent possible in various capacity so that it can help solving employment problems of the local area</p>	<p>Tentative percentage engagement of manpower at NREP Project is as below:</p> <table><tr><td rowspan="2">Total Manpower</td><td>Present</td><td>Future</td></tr><tr><td>6700</td><td>10,000</td></tr></table> <p>From Assam: 4300 (64%)</p> <p>From other state: 2400 (36%)</p> <p>From Golaghat : 2570 (38%)</p> <p>Expected Employment generation due to PPU is as given below:</p> <table><tr><td colspan="2">Description</td><td>Construction Phase</td><td>Operation Phase</td></tr><tr><td rowspan="2">Proposed</td><td>Permanent</td><td>0</td><td>53</td></tr><tr><td>Contract</td><td>1750</td><td>150</td></tr><tr><td colspan="2">Total</td><td>1750</td><td>203</td></tr></table>	Total Manpower	Present	Future	6700	10,000	Description		Construction Phase	Operation Phase	Proposed	Permanent	0	53	Contract	1750	150	Total		1750	203	<p>and budget has already been considered under CSR and CER (NREP).</p> <p>Additionally, fund allocation for the activities for addressing unemployment problems is given below:</p> <table><tr><td>Year</td><td>2024-25</td><td>2025-26</td><td>Total</td></tr><tr><td>Budget (in Lakhs)</td><td>50</td><td>50</td><td>100</td></tr></table>	Year	2024-25	2025-26	Total	Budget (in Lakhs)	50	50	100	manner by 2026
Total Manpower	Present	Future																															
	6700	10,000																															
Description		Construction Phase	Operation Phase																														
Proposed	Permanent	0	53																														
	Contract	1750	150																														
Total		1750	203																														
Year	2024-25	2025-26	Total																														
Budget (in Lakhs)	50	50	100																														

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
			NRL also takes action to address unemployment problems with the following activities: Income generating schemes for individual/joint liability group/SHG/Farmers groups Employable skilling		
		He also urged the NRL authority to pay adequate compensation to the people from whom land have been acquisitioned for the project.	Proper process and procedure has been followed covering compensation also while acquiring land for project.	-	-
4	Priyandeep Kakoty, President of Morangi Press Club:	The President of the Morangi Press Club although supported the setting up of the proposed project, but drew attention	The following measures have already been taken up by NRL for control of air pollution due to NREP activities: 3 Nos. of Trolley mounted Fog/Mist generators have been installed near Construction sites within the refinery. Automatic sensor based Wheel washing system has been installed for vehicles exiting the refinery through NREP gate.	-	-



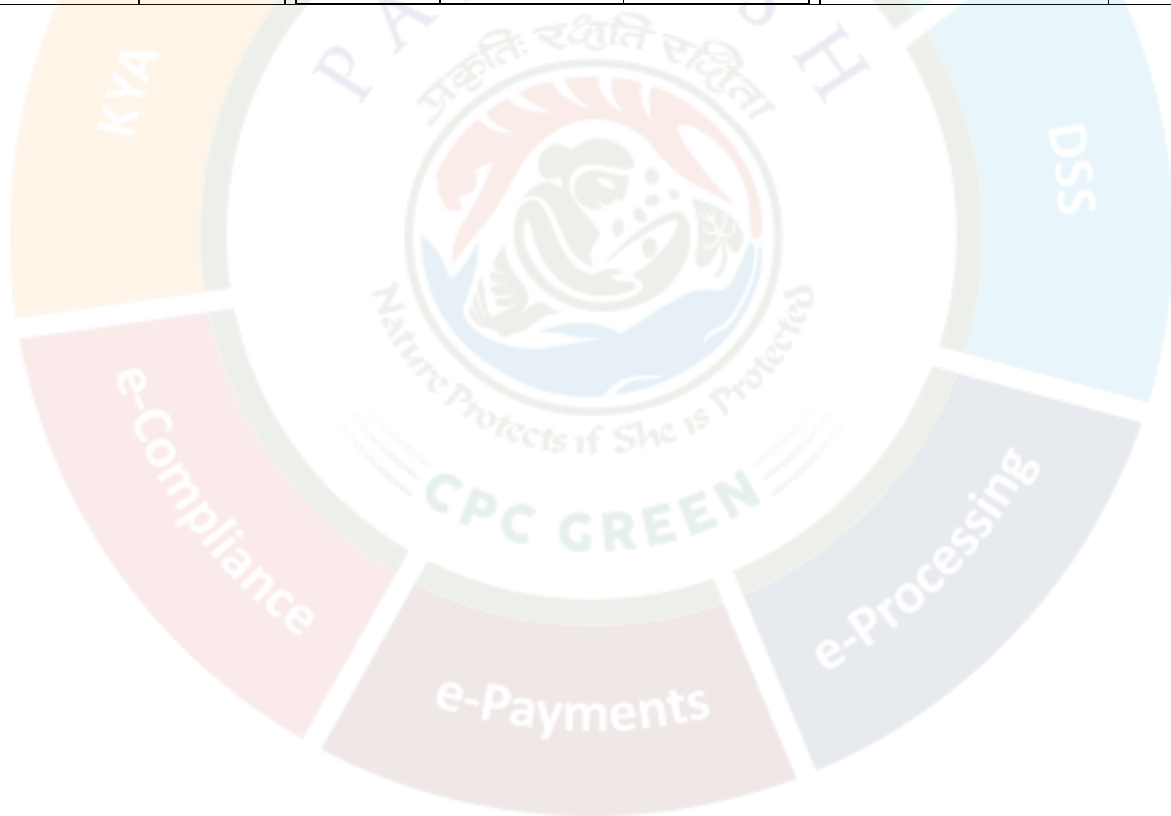
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		<p>of the project proponent on the following points with appropriate action:</p> <p>Air Pollution caused by the NREP must be taken care off immediately by the NRL authority.</p> <p>If need be, the NRL authority should engage expertise from IIT for mitigation of the air pollution problem and PCBA should strictly</p>	<p>Water Tankers have been engaged for sprinkling water along the haul roads within the refinery and also on the roads outside the refinery premises.</p>		



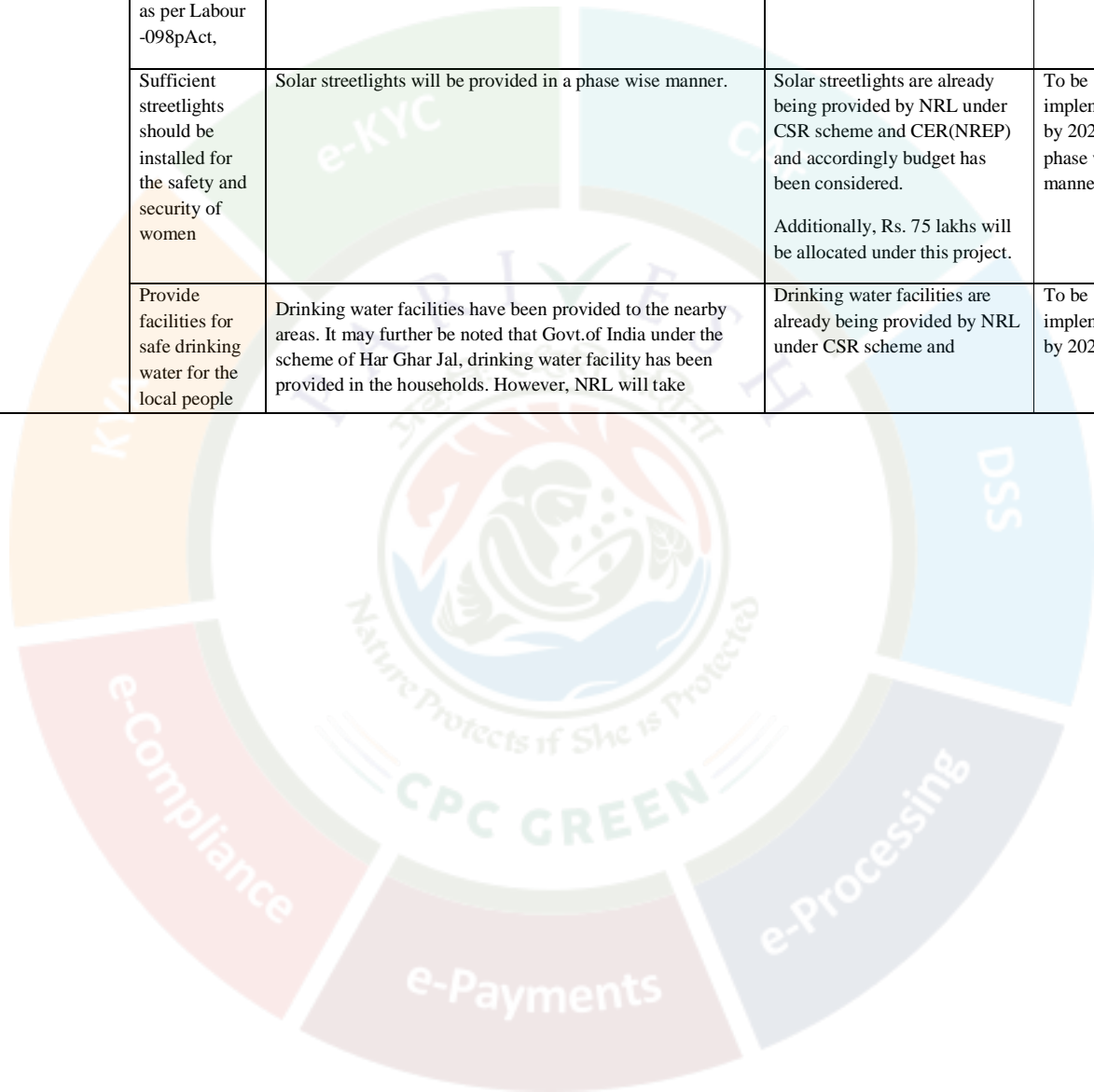
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		monitor the same.			
		Proposed Polypropylene project must strictly comply with the terms and conditions as has been laid down by CPCB and take appropriate steps to prevent any sort of air pollution during execution of the project.	All pollution control and mitigation measures with respect to air environment for the proposed Project will be followed in compliance with CPCB norms	Budget has been allocated as per Environmental Management Plan for air environment are 307.36Lakhs under capital cost and 70lakhs under recurring cost per annum will be spent.	Capital Cost will be spent within 2027 and recurring cost in annual basis.
		Emphasis must be made to employ local unemployed	Being a Central Govt. PSU, direct employment will be as per applicable law which will be done following proper rocess and procedure.	N/A N/A NRL is already undertaking income generating schemes and	i. N/A ii. N/A iii. To be implemented

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline																									
		youth and create job opportunity for the local entrepreneurs,	<p>NRL takes action for preferential engagement of local manpower as per competency in project activities.</p> <p>Tentative percentage engagement of manpower at NREP Project is as below:</p> <table><tr><td>Total Manpower</td><td>Present</td><td>Future</td></tr><tr><td></td><td>6700</td><td>10,000</td></tr></table> <p>From Assam: 4300 (64%)</p> <p>From other state: 2400 (36%)</p> <p>From Golaghat : 2570 (38%)</p> <p>Expected Employment generation due to PPU is as given below:</p> <table><tr><td colspan="2">Description</td><td>Construction Phase</td><td>Operation Phase</td></tr><tr><td rowspan="2">Proposed</td><td>Permanent</td><td>0</td><td>53</td></tr><tr><td>Contract</td><td>1750</td><td>150</td></tr></table>	Total Manpower	Present	Future		6700	10,000	Description		Construction Phase	Operation Phase	Proposed	Permanent	0	53	Contract	1750	150	<p>skill development initiatives and budget has already been considered under CSR and CER (NREP).</p> <p>Additionally, fund allocation for the activities for addressing unemployment problems is given below:</p> <table><tr><td>Year</td><td>2024-25</td><td>2025-26</td><td>Total</td></tr><tr><td>Budget (in Lakhs)</td><td>50</td><td>50</td><td>100</td></tr></table>	Year	2024-25	2025-26	Total	Budget (in Lakhs)	50	50	100	in phase wise manner by 2026
Total Manpower	Present	Future																												
	6700	10,000																												
Description		Construction Phase	Operation Phase																											
Proposed	Permanent	0	53																											
	Contract	1750	150																											
Year	2024-25	2025-26	Total																											
Budget (in Lakhs)	50	50	100																											

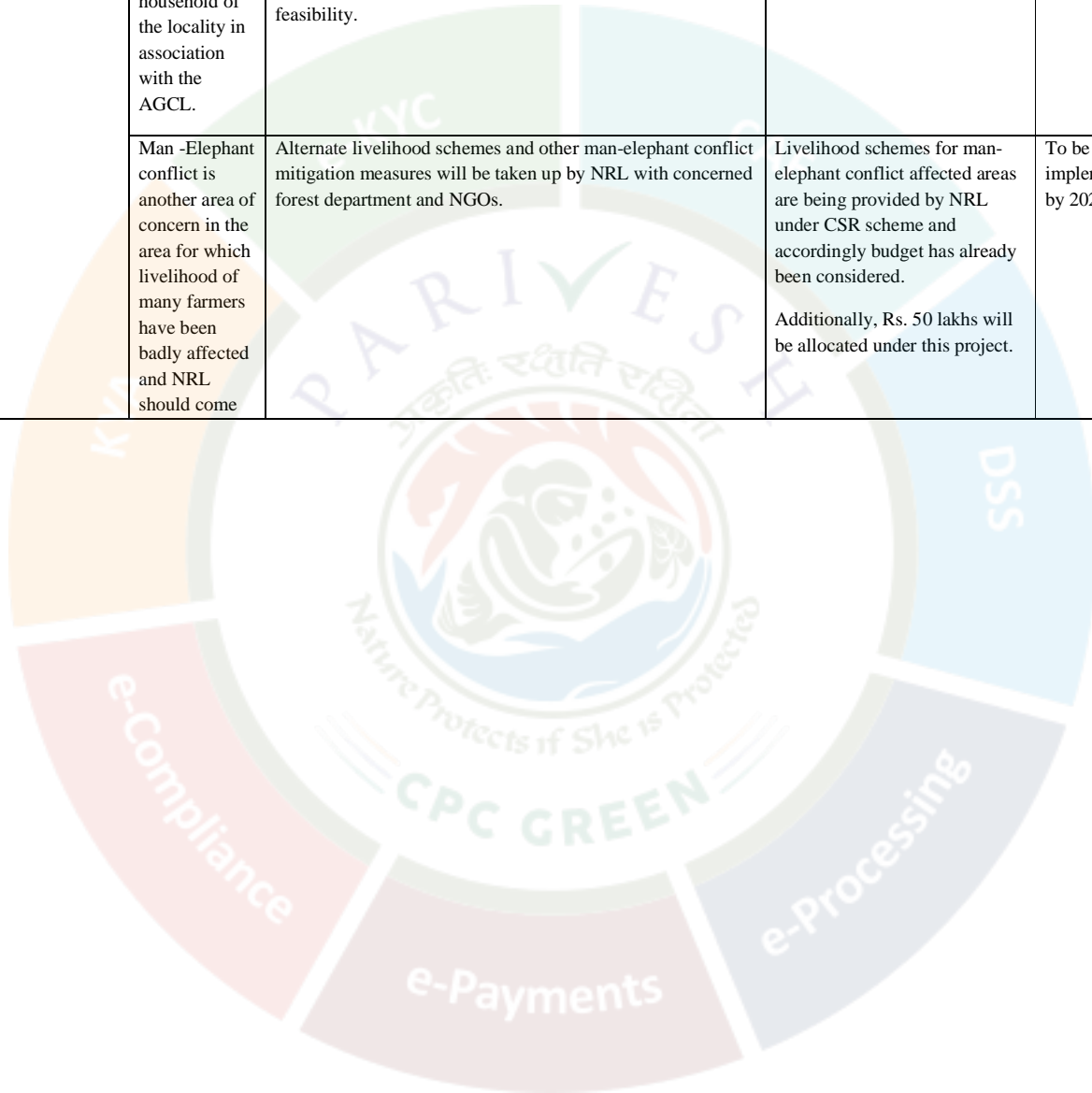
Sl. No	Issue Raised by	Issue	Reply by NRL			Commitment on fund allocation	Timeline												
			Total	1750	203														
			NRL also takes action to address unemployment problems with the following activities: Income generating schemes for individual/joint liability group/SHG/Farmers groups Employable skilling																
		Implement CSR policy for the benefit of concerned the local area	As per CSR policy of NRL, importance has been given for local area development. The amount utilized in past years has been given below. The same will be followed in upcoming years. <table><tr><th>Financial Year</th><th>Allocation of CSR Funds (Rs. In Cr.)</th><th>CSR Expenditure (Rs. In Cr.)</th></tr><tr><td>2020-21</td><td>52.80</td><td>53.00</td></tr><tr><td>2021-22</td><td>59.05</td><td>74.15</td></tr><tr><td>2022-23</td><td>60.92</td><td>64.12</td></tr></table>			Financial Year	Allocation of CSR Funds (Rs. In Cr.)	CSR Expenditure (Rs. In Cr.)	2020-21	52.80	53.00	2021-22	59.05	74.15	2022-23	60.92	64.12	As per CSR policy of NRL, budget will be allocated every year accordingly.	Will be implemented in annual basis.
Financial Year	Allocation of CSR Funds (Rs. In Cr.)	CSR Expenditure (Rs. In Cr.)																	
2020-21	52.80	53.00																	
2021-22	59.05	74.15																	
2022-23	60.92	64.12																	



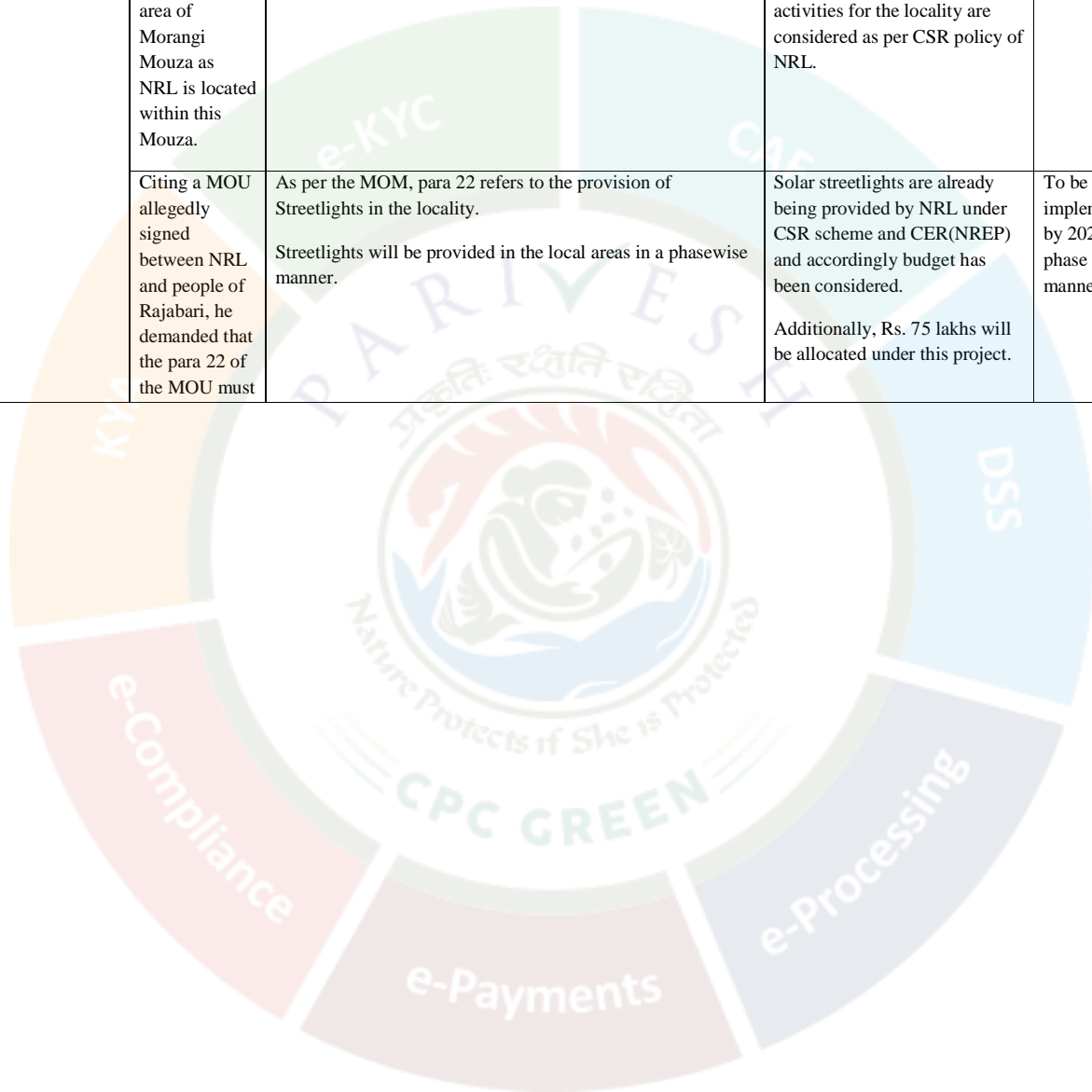
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		Set up indoor and outdoor stadium in the locality for the benefit of the local sport enthusiastic.	Action will be taken up for setting up indoor and outdoor stadium.	Rs. 300 lakhs will be allocated	To be implemented by 2026
		Proper wages to the workers must be made as per Labour -098pAct,	Will be complied.	-	-
		Sufficient streetlights should be installed for the safety and security of women	Solar streetlights will be provided in a phase wise manner.	Solar streetlights are already being provided by NRL under CSR scheme and CER(NREP) and accordingly budget has been considered. Additionally, Rs. 75 lakhs will be allocated under this project.	To be implemented by 2026 in a phase wise manner
		Provide facilities for safe drinking water for the local people	Drinking water facilities have been provided to the nearby areas. It may further be noted that Govt.of India under the scheme of Har Ghar Jal, drinking water facility has been provided in the households. However, NRL will take	Drinking water facilities are already being provided by NRL under CSR scheme and	To be implemented by 2026 in a



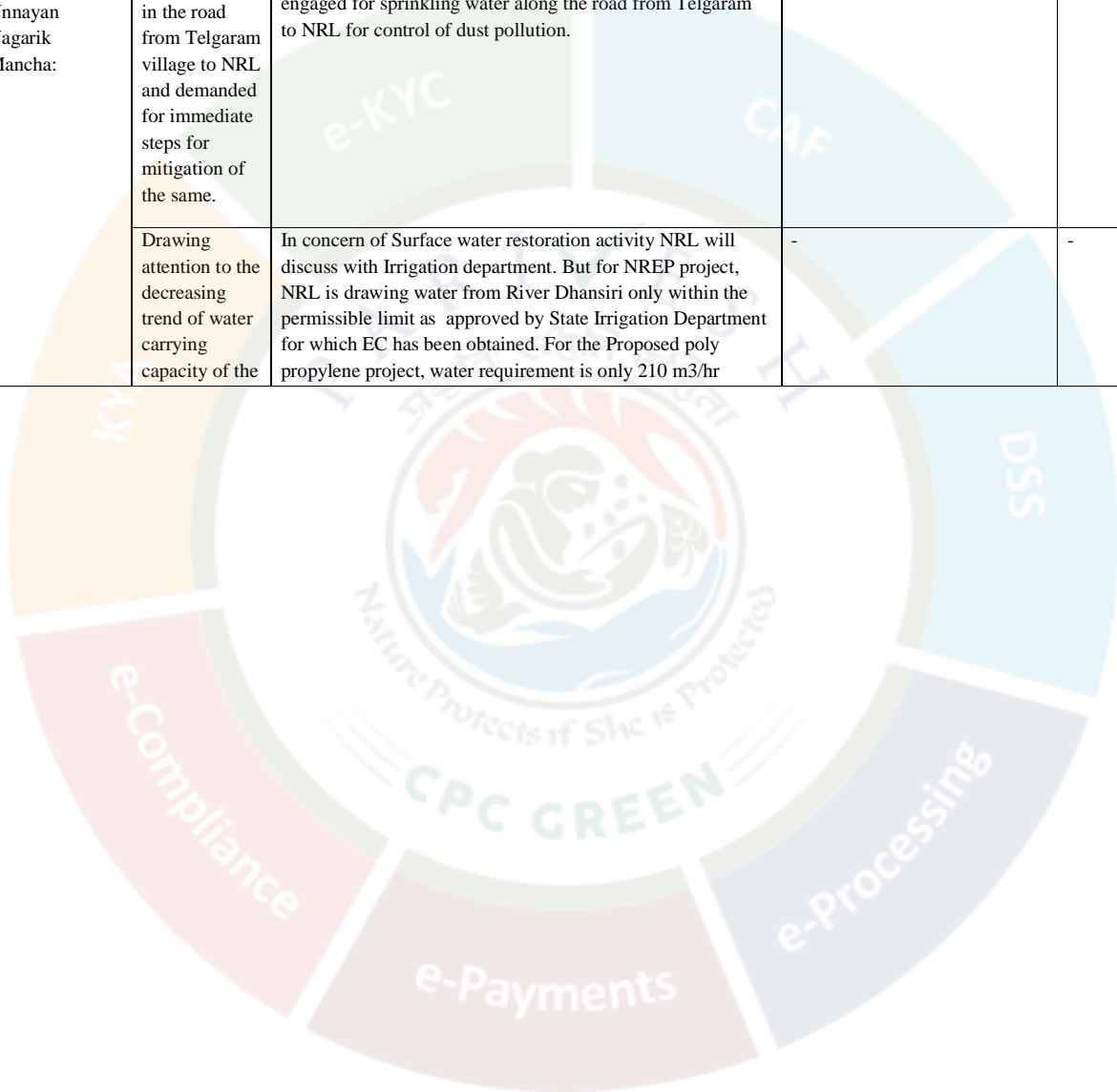
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		under CSR scheme.	measures to address the issue based on survey and requirement.	CER(NREP) and accordingly budget has been considered. Additionally, Rs. 50 lakhs will be allocated under this project.	phase wise manner
		NRL should take initiative in providing piped gas to very household of the locality in association with the AGCL.	The implementation of the activity will not come under the scope of NRL. But, NRL will request AGCL for its feasibility.	-	-
		Man -Elephant conflict is another area of concern in the area for which livelihood of many farmers have been badly affected and NRL should come	Alternate livelihood schemes and other man-elephant conflict mitigation measures will be taken up by NRL with concerned forest department and NGOs.	Livelihood schemes for man-elephant conflict affected areas are being provided by NRL under CSR scheme and accordingly budget has already been considered. Additionally, Rs. 50 lakhs will be allocated under this project.	To be implemented by 2026



Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		forward with alternative livelihood scheme for the affected people.			
		He also urged NRL to focus in developing the greater area of Morangi Mouza as NRL is located within this Mouza.	NRL will identify the activities in the area to be developed in consultation with concerned stakeholder and authority and accordingly action will be taken under CSR scheme.	Overall rural developmental activities for the locality are considered as per CSR policy of NRL.	
		Citing a MOU allegedly signed between NRL and people of Rajabari, he demanded that the para 22 of the MOU must	As per the MOM, para 22 refers to the provision of Streetlights in the locality. Streetlights will be provided in the local areas in a phasewise manner.	Solar streetlights are already being provided by NRL under CSR scheme and CER(NREP) and accordingly budget has been considered. Additionally, Rs. 75 lakhs will be allocated under this project.	To be implemented by 2026 in a phase wise manner



Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		be implemented for the benefit of the people who lost their lands due to NRL.			
5	Karneswar Gogoi, Member Telgaram-Numaligarh Unnayan Nagarik Mancha:	The speaker highlighted the air pollution caused by dust in the road from Telgaram village to NRL and demanded for immediate steps for mitigation of the same.	Automatic sensor based Wheel washing system has been installed for vehicles exiting the refinery through NREP gate. In addition to this, water tanker has been already kept engaged for sprinkling water along the road from Telgaram to NRL for control of dust pollution.	-	-
		Drawing attention to the decreasing trend of water carrying capacity of the	In concern of Surface water restoration activity NRL will discuss with Irrigation department. But for NREP project, NRL is drawing water from River Dhansiri only within the permissible limit as approved by State Irrigation Department for which EC has been obtained. For the Proposed poly propylene project, water requirement is only 210 m3/hr	-	-



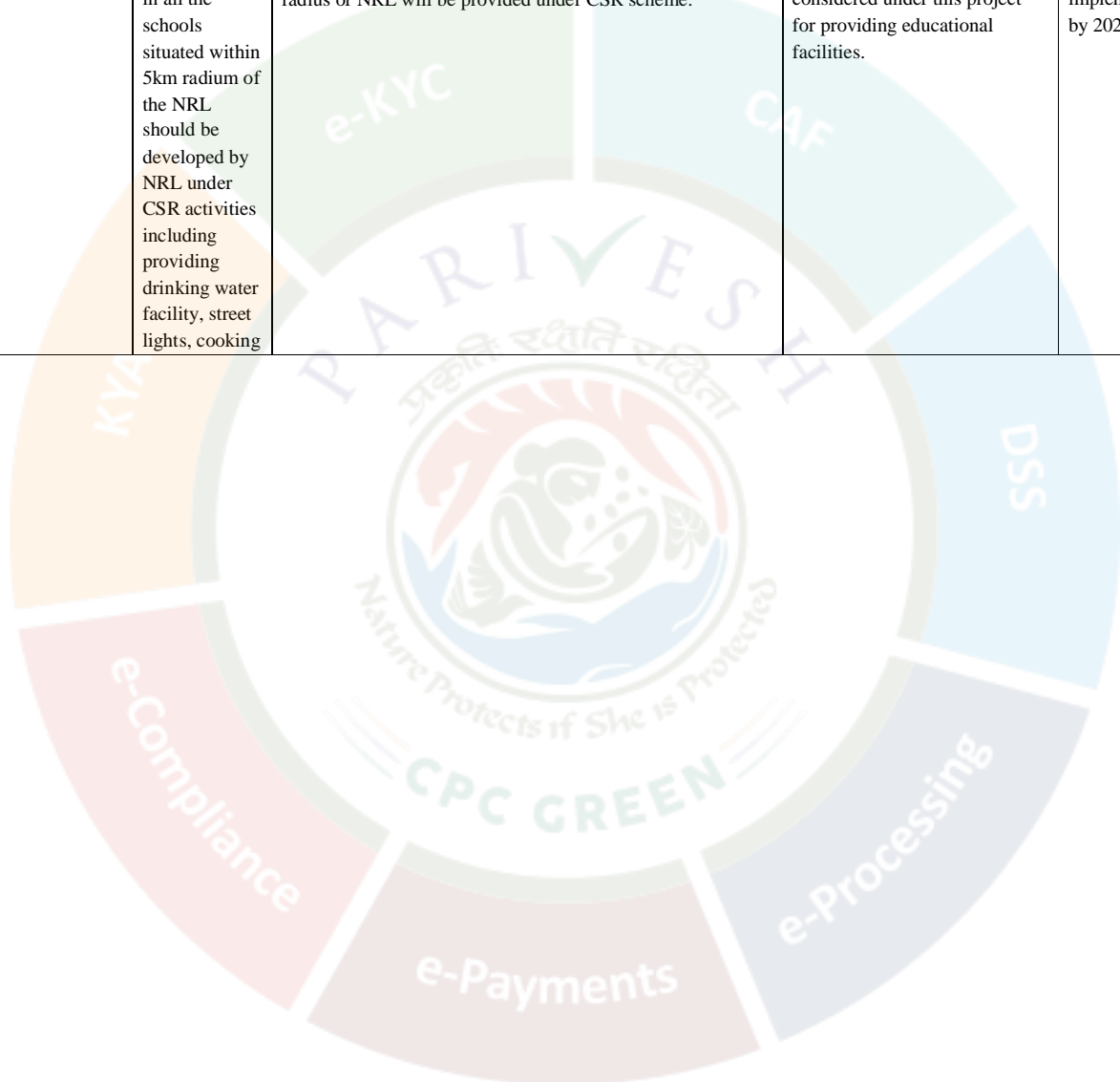
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		Kaliani River flowing to Dhansiri River, he requested the NRL authority to take necessary steps for restoration of the environmental flow of the river.	which will be met from existing NREP permissible limit. No additional water withdrawal is required for the project.		
		Sri Gogoi also express his support on behalf of the Telgaram Numaligarh Unnayan Nagarik Mancha and kept the following demands	<p>NRL appreciates the support received from Public on the proposed project.</p> <p>Action will be taken up for setting up indoor and outdoor stadium equipped with modern facilities.</p>	Rs. 300 lakhs will be allocated	To be implemented by 2026



Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		<p>before the NRL authority for the greater public interest of the locality.</p> <p>NRL should construct both indoor and outdoor stadium equipped with modern facilities to fulfil the aspiration of the local sports persons.</p>			
		60% of the job be reserved for local youth.	<p>NRL appreciates the support received from Public on the proposed project.</p> <p>Being a Central Govt. PSU, direct employment will be as per applicable law which will be done following proper process and procedure.</p>	<p>N/A</p> <p>N/A</p> <p>NRL is already undertaking income generating schemes and skill development initiatives and budget has already been</p>	<p>i. N/A</p> <p>ii. N/A</p> <p>iii. To be implemented in phase wise</p>

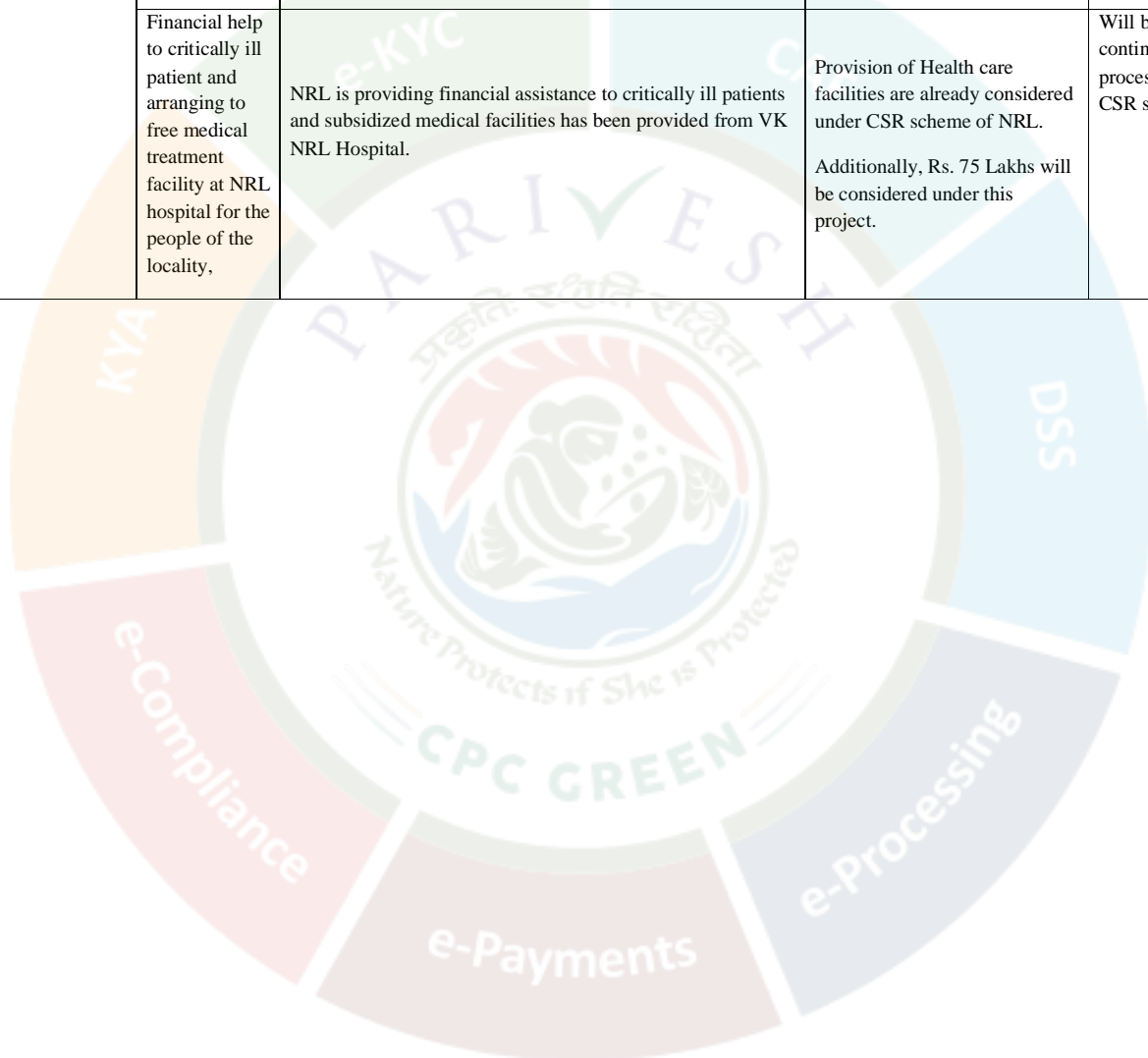
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline																									
			<p>NRL takes action for preferential engagement of local manpower as per competency in project activities.</p> <p>Tentative percentage engagement of manpower at NREP Project is as below:</p> <table><tr><td>Total Manpower</td><td>Present</td><td>Future</td></tr><tr><td></td><td>6700</td><td>10,000</td></tr></table> <div><p>From Assam: 4300 (64%)</p><p>From other state: 2400 (36%)</p><p>From Golaghat : 2570 (38%)</p></div> <p>Expected Employment generation due to PPU is as given below:</p> <table><tr><td colspan="2">Description</td><td>Construction Phase</td><td>Operation Phase</td></tr><tr><td rowspan="2">Proposed</td><td>Permanent</td><td>0</td><td>53</td></tr><tr><td>Contract</td><td>1750</td><td>150</td></tr></table>	Total Manpower	Present	Future		6700	10,000	Description		Construction Phase	Operation Phase	Proposed	Permanent	0	53	Contract	1750	150	<p>considered under CSR and CER (NREP).</p> <p>Additionally, fund allocation for the activities for addressing unemployment problems is given below:</p> <table><tr><td>Year</td><td>2024-25</td><td>2025-26</td><td>Total</td></tr><tr><td>Budget (in Lakhs)</td><td>50</td><td>50</td><td>100</td></tr></table>	Year	2024-25	2025-26	Total	Budget (in Lakhs)	50	50	100	manner by 2026
Total Manpower	Present	Future																												
	6700	10,000																												
Description		Construction Phase	Operation Phase																											
Proposed	Permanent	0	53																											
	Contract	1750	150																											
Year	2024-25	2025-26	Total																											
Budget (in Lakhs)	50	50	100																											

Sl. No	Issue Raised by	Issue	Reply by NRL			Commitment on fund allocation	Timeline
			Total	1750	203		
			<p>NRL also takes action to address unemployment problems with the following activities:</p> <p>Income generating schemes for individual/joint liability group/SHG/Farmers groups</p> <p>Employable skilling</p>				
		Infrastructure in all the schools situated within 5km radius of the NRL should be developed by NRL under CSR activities including providing drinking water facility, street lights, cooking	Infrastructure related to development of schools within 5km radius of NRL will be provided under CSR scheme.			Additionally, 100 lakhs will be considered under this project for providing educational facilities.	To be implemented by 2026



Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		gas cylinder etc.			
		NRL should also come forward to provide one-time financial help to the local sportsperson with promising talent from the area.	NRL is already undertaking initiatives for promotion of Sports under CSR scheme. NRL will provide the financial help for development in sports on case to case basis.	Will be taken up under CSR policy of NRL on case to case basis.	
		NRL must take necessary action to mitigate man-elephant conflict in the	Alternate livelihood schemes and other man-elephant conflict mitigation measures will be taken up by NRL with concerned forest department and NGOs. Action has been taken for providing CCTV cameras in Bishnupur, Telgaram areas for ensuring public security.	Mitigation measures for man-elephant conflict affected areas are being provided by NRL under CSR scheme and accordingly budget has already been considered.	To be implemented by 2026

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		area and take steps to secure public life from being attacked by wild elephant, CCTV camera.		Additionally, Rs. 50 lakhs will be allocated under this project.	
		His demands also include development of green belt,	Total plot area required for the PP Unit and its associated facility is 348093sq.m (34.8 Ha). The plant area is 232821sq.m (23.28Ha) and Greenbelt area is 115272 sq.m (11.52 Ha) i.e., (33.1 % of total area).	Capital Cost of Rs. 207.36 Lakhs and recurring cost of Rs.50 Lakhs has been considered in EMP for Plantation activities (Trees and Shrubs).	To be implemented by 2027
		Financial help to critically ill patient and arranging to free medical treatment facility at NRL hospital for the people of the locality,	NRL is providing financial assistance to critically ill patients and subsidized medical facilities has been provided from VK NRL Hospital.	Provision of Health care facilities are already considered under CSR scheme of NRL. Additionally, Rs. 75 Lakhs will be considered under this project.	Will be a continuous process under CSR scheme



Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline																							
		Development of the weekly market of the area etc.	Action will be taken for development of weekly market area in consultation with Bazar Committee and appropriate authority.	Will be covered under CSR scheme of NRL for rural area development.																								
6	Jitu Saikia, Social worker:	A prominent social worker of the area, Sri Jitu Saikia also expressed his support for the project but urged the NRL authority to ensure that local people should not be deprived of getting works in the project.	<p>NRL appreciates the support received from Public on the proposed project.</p> <p>Being a Central Govt. PSU, direct employment will be as per applicable law which will be done following proper process and procedure.</p> <p>NRL takes action for preferential engagement of local manpower as per competency in project activities.</p> <p>Tentative percentage engagement of manpower at NREP Project is as below:</p> <table><tr><td>Total Manpower</td><td>Present</td><td>Future</td></tr><tr><td></td><td>6700</td><td>10,000</td></tr><tr><td colspan="3">From Assam: 4300 (64%)</td></tr><tr><td colspan="3">From other state: 2400 (36%)</td></tr><tr><td colspan="3">From Golaghat : 2570 (38%)</td></tr></table>	Total Manpower	Present	Future		6700	10,000	From Assam: 4300 (64%)			From other state: 2400 (36%)			From Golaghat : 2570 (38%)			<p>N/A</p> <p>N/A</p> <p>NRL is already undertaking income generating schemes and skill development initiatives and budget has already been considered under CSR and CER (NREP).</p> <p>Additionally, fund allocation for the activities for addressing unemployment problems is given below:</p> <table><tr><td>Year</td><td>2024 -25</td><td>2025 -26</td><td>Total</td></tr><tr><td>Budget (in Lakhs)</td><td>50</td><td>50</td><td>100</td></tr></table>	Year	2024 -25	2025 -26	Total	Budget (in Lakhs)	50	50	100	<p>i. N/A</p> <p>ii. N/A</p> <p>iii. To be implemented in phase wise manner by 2026</p>
Total Manpower	Present	Future																										
	6700	10,000																										
From Assam: 4300 (64%)																												
From other state: 2400 (36%)																												
From Golaghat : 2570 (38%)																												
Year	2024 -25	2025 -26	Total																									
Budget (in Lakhs)	50	50	100																									

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline															
			<p>Expected Employment generation due to PPU is as given below:</p> <table><tr><th colspan="2">Description</th><th>Construction Phase</th><th>Operation Phase</th></tr><tr><td rowspan="2">Proposed</td><td>Permanent</td><td>0</td><td>53</td></tr><tr><td>Contract</td><td>1750</td><td>150</td></tr><tr><td colspan="2">Total</td><td>1750</td><td>203</td></tr></table> <p>NRL also takes action to address unemployment problems with the following activities:</p> <p>Income generating schemes for individual/joint liability group/SHG/Farmers groups</p> <p>Employable skilling</p>	Description		Construction Phase	Operation Phase	Proposed	Permanent	0	53	Contract	1750	150	Total		1750	203		
Description		Construction Phase	Operation Phase																	
Proposed	Permanent	0	53																	
	Contract	1750	150																	
Total		1750	203																	
		NRL should spent 90% of their CSR funds for the development	As per CSR policy of NRL, importance has been given for local area development. The amount utilized in past years has been given below. The same will be followed in upcoming years.	As per CSR policy of NRL, budget is being allocated for development of local areas every year.	Will be implemented in annual basis.															

Sl. No	Issue Raised by	Issue	Reply by NRL			Commitment on fund allocation	Timeline
		of the local area as well as takes steps for installing solar street light in the road from NRL to Babathan as a measure to prevent road accident which frequently takes place in that road due to poor visibility.	Financial Year	Allocation of CSR Funds (Rs. In Cr.)	CSR Expenditure (Rs. In Cr.)	Moreover, Solar streetlights are already being provided by NRL under CSR scheme and CER(NREP) and accordingly budget has been considered. Additionally, Rs. 75 lakhs will be allocated under this project.	Solar streetlight implementation to be done by 2026.
			2020-21	52.80	53.00		
			2021-22	59.05	74.15		
			2022-23	60.92	64.12		
			In addition, installation of solar street light will be installed in the locality in a phasewise manner.				
		Further, all the workers should be brought under ESIC to enable them to get relief during their difficult time.	ESIC provision will be made as per applicable Act.			-	-

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline						
		Moreover, wages of the workers should be reviewed to offset inflationary pressure in every 3 or 4 years.	Proper process as per provision of applicable Act will be followed	-	-						
7	Mukesh Jal, President, Bharatiya Chah Majdoor Sangha	Sri Mukesh Jal speaking behalf of the Bharatiya Chah Mazdoor Sangha has welcomed the proposed project with the request to the NRL authority to consider and implement the following for the interest of	<p>Being a Central Govt. PSU, direct employment will be as per applicable law which will be done following proper process and procedure.</p> <p>NRL takes action for preferential engagement of local manpower as per competency in project activities.</p> <p>Tentative percentage engagement of manpower at NREP Project is as below:</p> <table border="1"><tr><td>Total Manpower</td><td>Present</td><td>Future</td></tr><tr><td></td><td>6700</td><td>10,000</td></tr></table>	Total Manpower	Present	Future		6700	10,000	<p>N/A</p> <p>N/A</p> <p>NRL is already undertaking income generating schemes and skill development initiatives and budget has already been considered under CSR and CER (NREP).</p> <p>Additionally, fund allocation for the activities for addressing unemployment problems is given below:</p>	<p>i. N/A</p> <p>ii. N/A</p> <p>iii. To be implemented in phase wise manner by 2026</p>
Total Manpower	Present	Future									
	6700	10,000									

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline																										
		<p>the local people.</p> <p>First preference for Employment opportunity should be given to the people of Letekujan, Rajabari and Ouguri people specially residing within 5 km radius of the project.</p>	<table><tr><td>From Assam: 4300 (64%)</td></tr><tr><td>From other state: 2400 (36%)</td></tr><tr><td>From Golaghat : 2570 (38%)</td></tr></table> <p>Expected Employment generation due to PPU is as given below:</p> <table><tr><th colspan="2">Description</th><th>Construction Phase</th><th>Operation Phase</th></tr><tr><td rowspan="2">Proposed</td><td>Permanent</td><td>0</td><td>53</td></tr><tr><td>Contract</td><td>1750</td><td>150</td></tr><tr><td colspan="2">Total</td><td>1750</td><td>203</td></tr></table> <p>NRL also takes action to address unemployment problems with the following activities:</p> <p>Income generating schemes for individual/joint liability group/SHG/Farmers groups</p> <p>Employable skilling</p>	From Assam: 4300 (64%)	From other state: 2400 (36%)	From Golaghat : 2570 (38%)	Description		Construction Phase	Operation Phase	Proposed	Permanent	0	53	Contract	1750	150	Total		1750	203	<table><tr><td>Year</td><td>2024-25</td><td>2025-26</td><td>Total</td></tr><tr><td>Budget (in Lakhs)</td><td>50</td><td>50</td><td>100</td></tr></table>	Year	2024-25	2025-26	Total	Budget (in Lakhs)	50	50	100	
From Assam: 4300 (64%)																															
From other state: 2400 (36%)																															
From Golaghat : 2570 (38%)																															
Description		Construction Phase	Operation Phase																												
Proposed	Permanent	0	53																												
	Contract	1750	150																												
Total		1750	203																												
Year	2024-25	2025-26	Total																												
Budget (in Lakhs)	50	50	100																												

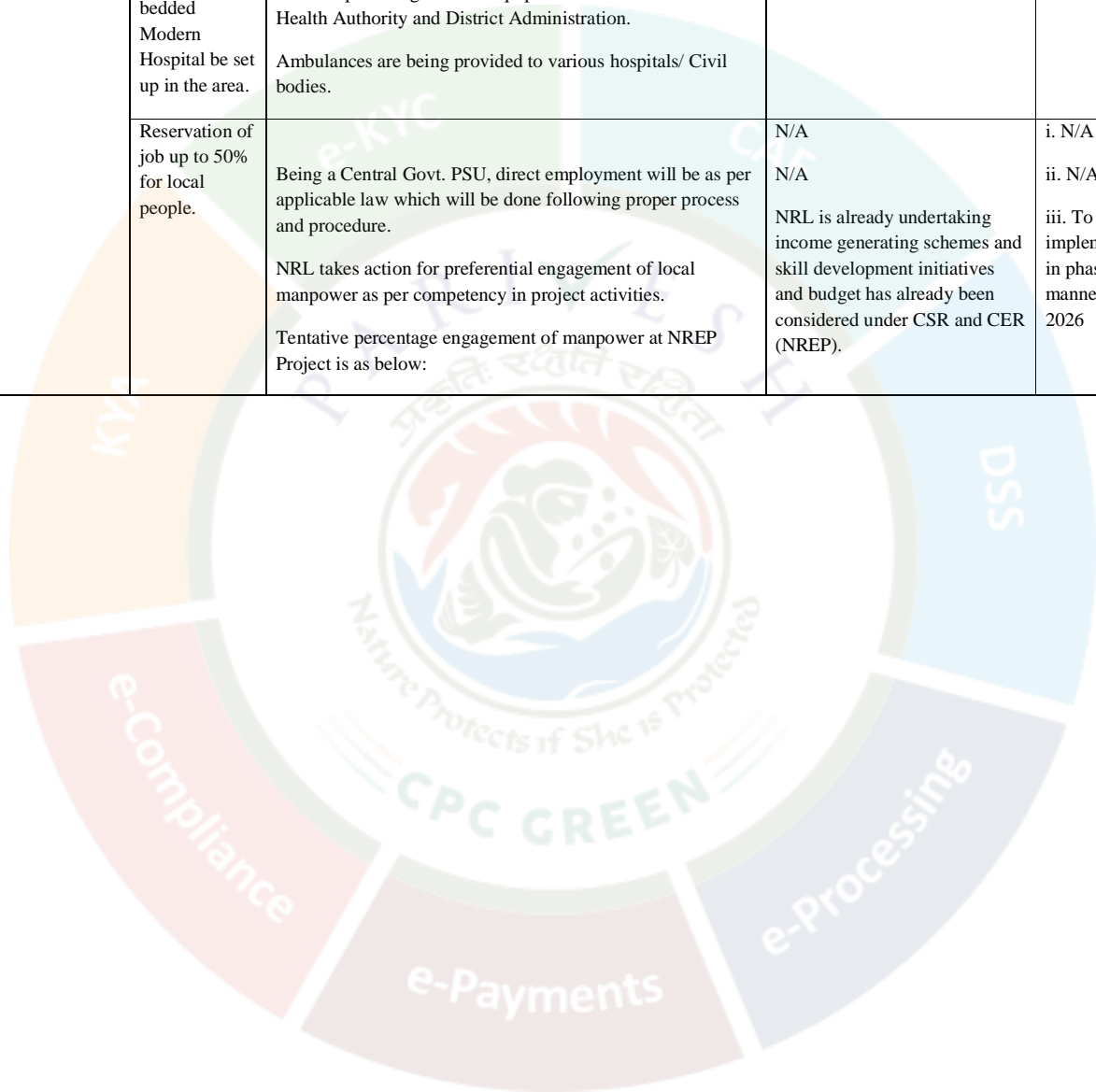
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline												
		CSR fund must be utilised to convert the local village as a model village and all surrounding area of the project must be developed by proper utilisation of the CSR funds.	<p>As per CSR policy of NRL, importance has been given for local area development. The amount utilized in past years has been given below. The same will be followed in upcoming years.</p> <table><tr><th>Financial Year</th><th>Allocation of CSR Funds (Rs. In Cr.)</th><th>CSR Expenditure (Rs. In Cr.)</th></tr><tr><td>2020-21</td><td>52.80</td><td>53.00</td></tr><tr><td>2021-22</td><td>59.05</td><td>74.15</td></tr><tr><td>2022-23</td><td>60.92</td><td>64.12</td></tr></table>	Financial Year	Allocation of CSR Funds (Rs. In Cr.)	CSR Expenditure (Rs. In Cr.)	2020-21	52.80	53.00	2021-22	59.05	74.15	2022-23	60.92	64.12	As per CSR policy of NRL, budget is being allocated for development of local areas.	Will be implemented in annual basis.
Financial Year	Allocation of CSR Funds (Rs. In Cr.)	CSR Expenditure (Rs. In Cr.)															
2020-21	52.80	53.00															
2021-22	59.05	74.15															
2022-23	60.92	64.12															
8	Pintu Hazarika (local people):	Sri Hazarika echoed almost similar sentiment and urged NRL authority to take steps for Mitigation of pollution in	<p>NRL is already taking up adequate measures time to time for environmental pollution control in the nearby areas of the refinery with activities like continuous ambient air monitoring with its existing installations, plantation drives etc.</p>	Budget has been allocated as per Environmental Management Plan for air environment are 307.36Lakhs under capital cost and 70lakhs under recurring cost per annum will be spent.	Capital Cost will be spent within 2027 and recurring cost in annual basis.												

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline												
		the Morangi area															
		Facilitating free medical treatment of the affected people at NRL Hospital.	NRL is providing financial assistance to critically ill patients and subsidized medical facilities has been provided from VK NRL Hospital.	Provision of Health care facilities are already considered under CSR scheme of NRL. Additionally, Rs. 75 Lakhs will be considered under this project.	Will be a continuous process under CSR scheme												
		He also desires that 50% of the CSR funds should be utilised by NRL for local area development,	As per CSR policy of NRL, importance has been given for local area development. The amount utilized in past years has been given below. The same will be followed in upcoming years. <table><tr><th>Financial Year</th><th>Allocation of CSR Funds (Rs. In Cr.)</th><th>CSR Expenditure (Rs. In Cr.)</th></tr><tr><td>2020-21</td><td>52.80</td><td>53.00</td></tr><tr><td>2021-22</td><td>59.05</td><td>74.15</td></tr><tr><td>2022-23</td><td>60.92</td><td>64.12</td></tr></table>	Financial Year	Allocation of CSR Funds (Rs. In Cr.)	CSR Expenditure (Rs. In Cr.)	2020-21	52.80	53.00	2021-22	59.05	74.15	2022-23	60.92	64.12	As per CSR policy of NRL, budget is being allocated for development of local areas every year.	Will be implemented in annual basis.
Financial Year	Allocation of CSR Funds (Rs. In Cr.)	CSR Expenditure (Rs. In Cr.)															
2020-21	52.80	53.00															
2021-22	59.05	74.15															
2022-23	60.92	64.12															
		take necessary steps for mitigation of man - elephant	Alternate livelihood schemes and other man-elephant conflict mitigation measures will be taken up by NRL in consultation with the concern forest department and NGOs.	Mitigation measures for man-elephant conflict affected areas are being provided by NRL under CSR scheme and	To be implemented by 2026												

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline																							
		conflict as well as		accordingly budget has already been considered. Additionally, Rs. 50 lakhs will be allocated under this project.																								
		making arrangement for absorption of local people in the job at NRL.	<p>Being a Central Govt. PSU, direct employment will be as per applicable law which will be done following proper process and procedure.</p> <p>NRL takes action for preferential engagement of local manpower as per competency in project activities.</p> <p>Tentative percentage engagement of manpower at NREP Project is as below:</p> <table><tr><td>Total Manpower</td><td>Present</td><td>Future</td></tr><tr><td></td><td>6700</td><td>10,000</td></tr><tr><td colspan="3">From Assam: 4300 (64%)</td></tr><tr><td colspan="3">From other state: 2400 (36%)</td></tr><tr><td colspan="3">From Golaghat : 2570 (38%)</td></tr></table>	Total Manpower	Present	Future		6700	10,000	From Assam: 4300 (64%)			From other state: 2400 (36%)			From Golaghat : 2570 (38%)			<p>N/A</p> <p>N/A</p> <p>NRL is already undertaking income generating schemes and skill development initiatives and budget has already been considered under CSR and CER (NREP).</p> <p>Additionally, fund allocation for the activities for addressing unemployment problems is given below:</p> <table><tr><td>Year</td><td>2024-25</td><td>2025-26</td><td>Total</td></tr><tr><td>Budget (in</td><td>50</td><td>50</td><td>100</td></tr></table>	Year	2024-25	2025-26	Total	Budget (in	50	50	100	<p>i. N/A</p> <p>ii. N/A</p> <p>iii. To be implemented in phase wise manner by 2026</p>
Total Manpower	Present	Future																										
	6700	10,000																										
From Assam: 4300 (64%)																												
From other state: 2400 (36%)																												
From Golaghat : 2570 (38%)																												
Year	2024-25	2025-26	Total																									
Budget (in	50	50	100																									

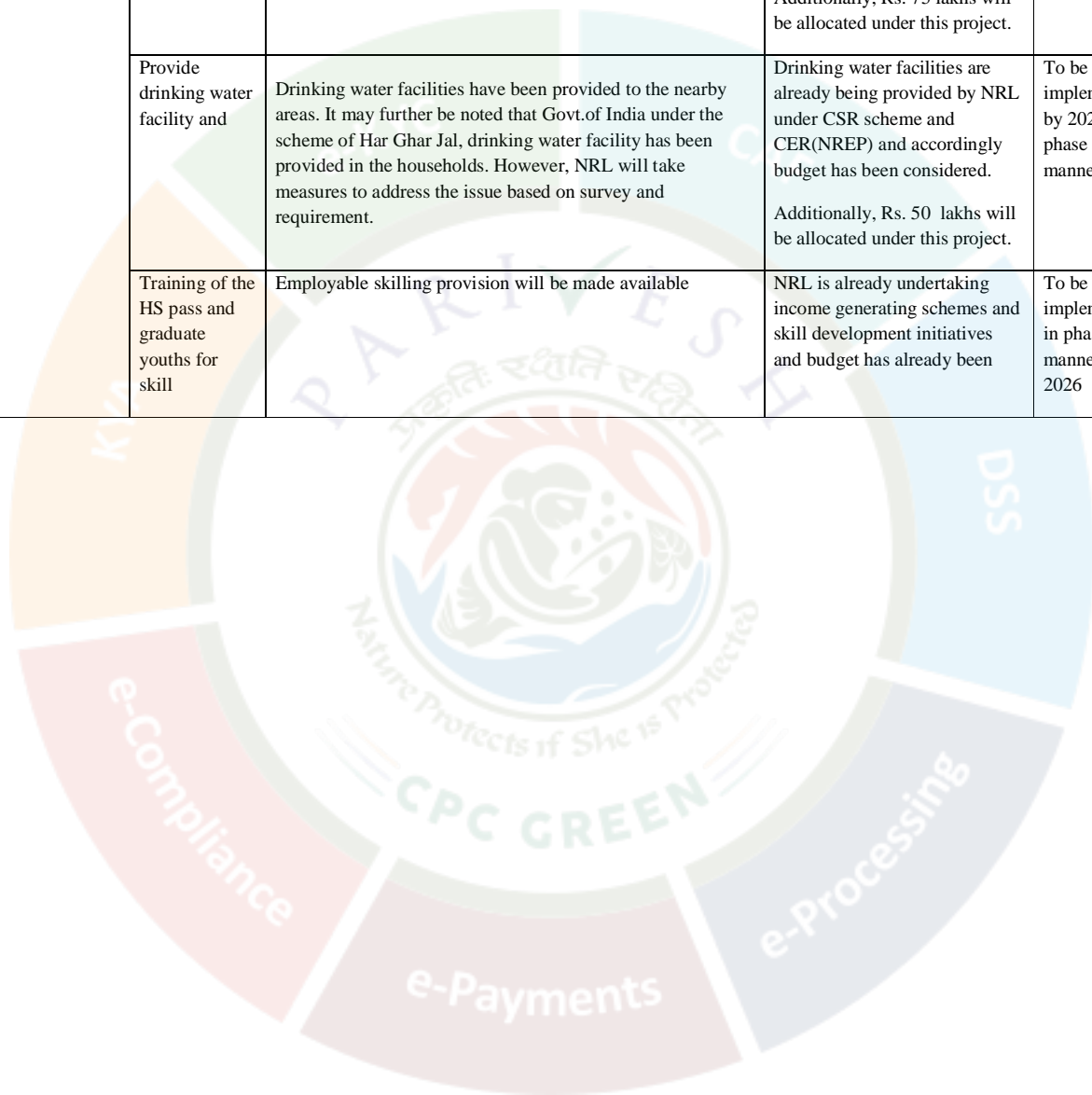
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline																			
			<p>Expected Employment generation due to PPU is as given below:</p> <table><tr><th colspan="2">Description</th><th>Construction Phase</th><th>Operation Phase</th></tr><tr><td rowspan="2">Proposed</td><td>Permanent</td><td>0</td><td>53</td></tr><tr><td>Contract</td><td>1750</td><td>150</td></tr><tr><td colspan="2">Total</td><td>1750</td><td>203</td></tr></table> <p>NRL also takes action to address unemployment problems with the following activities:</p> <p>Income generating schemes for individual/joint liability group/SHG/Farmers groups</p> <p>Employable skilling</p>	Description		Construction Phase	Operation Phase	Proposed	Permanent	0	53	Contract	1750	150	Total		1750	203	<table><tr><td>Lakhs)</td><td></td><td></td><td></td></tr></table>	Lakhs)				
Description		Construction Phase	Operation Phase																					
Proposed	Permanent	0	53																					
	Contract	1750	150																					
Total		1750	203																					
Lakhs)																								
9	Ananta Kumar Deb, representative Bharatiya Chah Mazdoor Sangha:	Sri Deb while welcoming the proposed project only desires that like all the	<p>NRL is operating VK NRL Hospital having a bed capacity of 100 and is providing subsidized medical facilities to the neighbouring people. The Hospital is in the process of upgradation.</p> <p>NRL has set up extension facility of VK NRL Hospital in the name of Ponka OPD at Telgaram. Special camps through</p>	Provision of Health care facilities are already considered under CSR scheme of NRL.	Will be a continuous process under CSR scheme																			

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		<p>previous speakers he too wants NRL to take some developmental activities for the area as listed below:</p> <p>A 2500 bedded Modern Hospital be set up in the area.</p>	<p>external renowned medical experts are being organized at Ponka OPD.</p> <p>NRL is providing medical facility to nearby villages through mobile medical camps with the medical team of VK NRL hospital.</p> <p>One-time financial assistance are being provided to critical illness sufferer of nearby villages.</p> <p>Medical Hospitals of Golaghat district has been renovated and also providing medical equipments in consultation with Health Authority and District Administration.</p> <p>Ambulances are being provided to various hospitals/ Civil bodies.</p>	<p>Additionally, Rs. 75 Lakhs will be considered under this project.</p>	
		<p>Reservation of job up to 50% for local people.</p>	<p>Being a Central Govt. PSU, direct employment will be as per applicable law which will be done following proper process and procedure.</p> <p>NRL takes action for preferential engagement of local manpower as per competency in project activities.</p> <p>Tentative percentage engagement of manpower at NREP Project is as below:</p>	<p>N/A</p> <p>N/A</p> <p>NRL is already undertaking income generating schemes and skill development initiatives and budget has already been considered under CSR and CER (NREP).</p>	<p>i. N/A</p> <p>ii. N/A</p> <p>iii. To be implemented in phase wise manner by 2026</p>

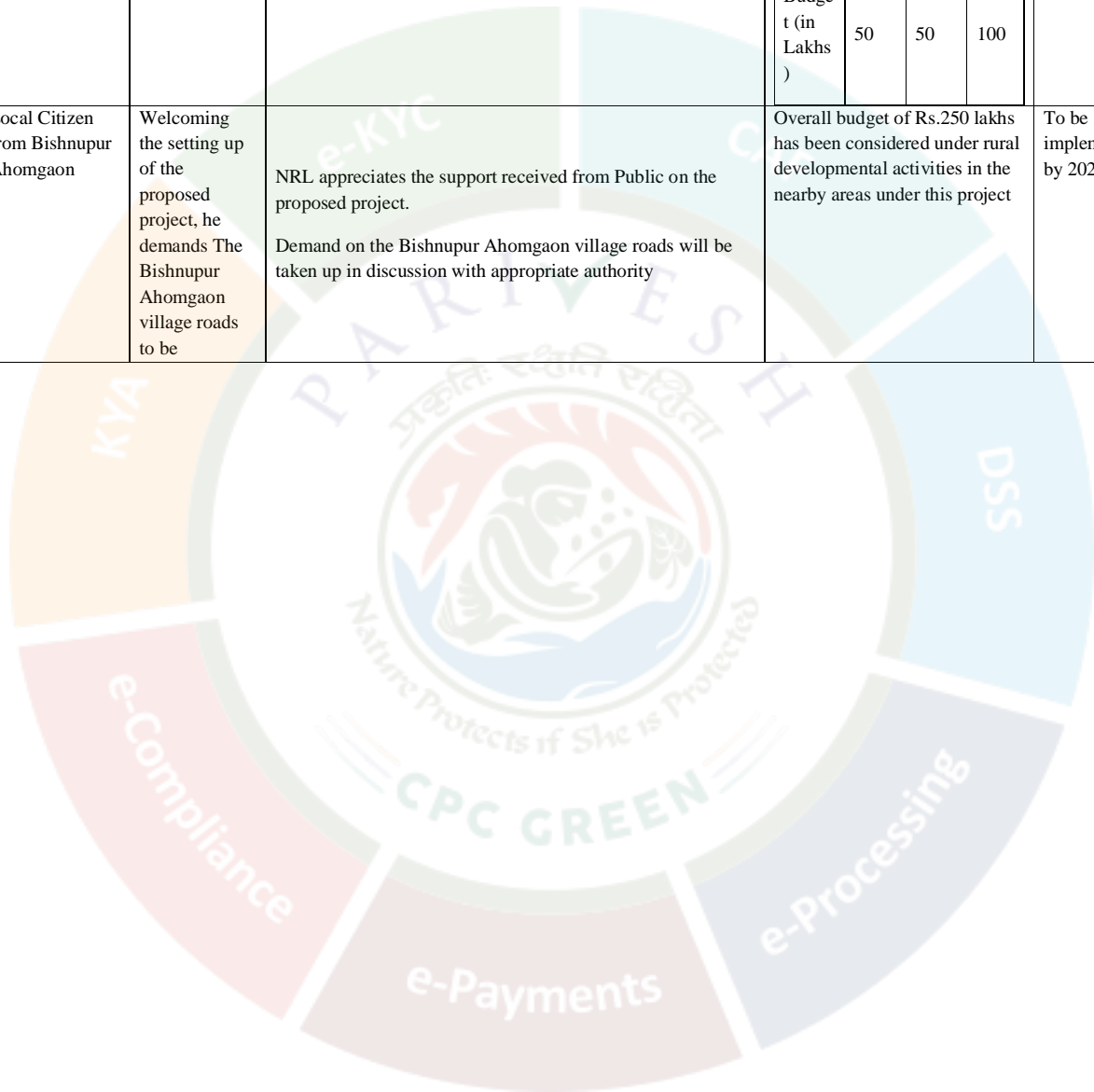


Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline																																					
			<table><tr><td rowspan="2">Total Manpower</td><td>Present</td><td>Future</td></tr><tr><td>6700</td><td>10,000</td></tr><tr><td colspan="3">From Assam: 4300 (64%)</td></tr><tr><td colspan="3">From other state: 2400 (36%)</td></tr><tr><td colspan="3">From Golaghat : 2570 (38%)</td></tr></table> <p>Expected Employment generation due to PPU is as given below:</p> <table><tr><th colspan="2">Description</th><th>Construction Phase</th><th>Operation Phase</th></tr><tr><td rowspan="2">Proposed</td><td>Permanent</td><td>0</td><td>53</td></tr><tr><td>Contract</td><td>1750</td><td>150</td></tr><tr><td colspan="2">Total</td><td>1750</td><td>203</td></tr></table> <p>NRL also takes action to address unemployment problems with the following activities:</p>	Total Manpower	Present	Future	6700	10,000	From Assam: 4300 (64%)			From other state: 2400 (36%)			From Golaghat : 2570 (38%)			Description		Construction Phase	Operation Phase	Proposed	Permanent	0	53	Contract	1750	150	Total		1750	203	<p>Additionally, fund allocation for the activities for addressing unemployment problems is given below:</p> <table><tr><th>Year</th><th>2024-25</th><th>2025-26</th><th>Total</th></tr><tr><td>Budget (in Lakhs)</td><td>50</td><td>50</td><td>100</td></tr></table>	Year	2024-25	2025-26	Total	Budget (in Lakhs)	50	50	100	
Total Manpower	Present	Future																																								
	6700	10,000																																								
From Assam: 4300 (64%)																																										
From other state: 2400 (36%)																																										
From Golaghat : 2570 (38%)																																										
Description		Construction Phase	Operation Phase																																							
Proposed	Permanent	0	53																																							
	Contract	1750	150																																							
Total		1750	203																																							
Year	2024-25	2025-26	Total																																							
Budget (in Lakhs)	50	50	100																																							

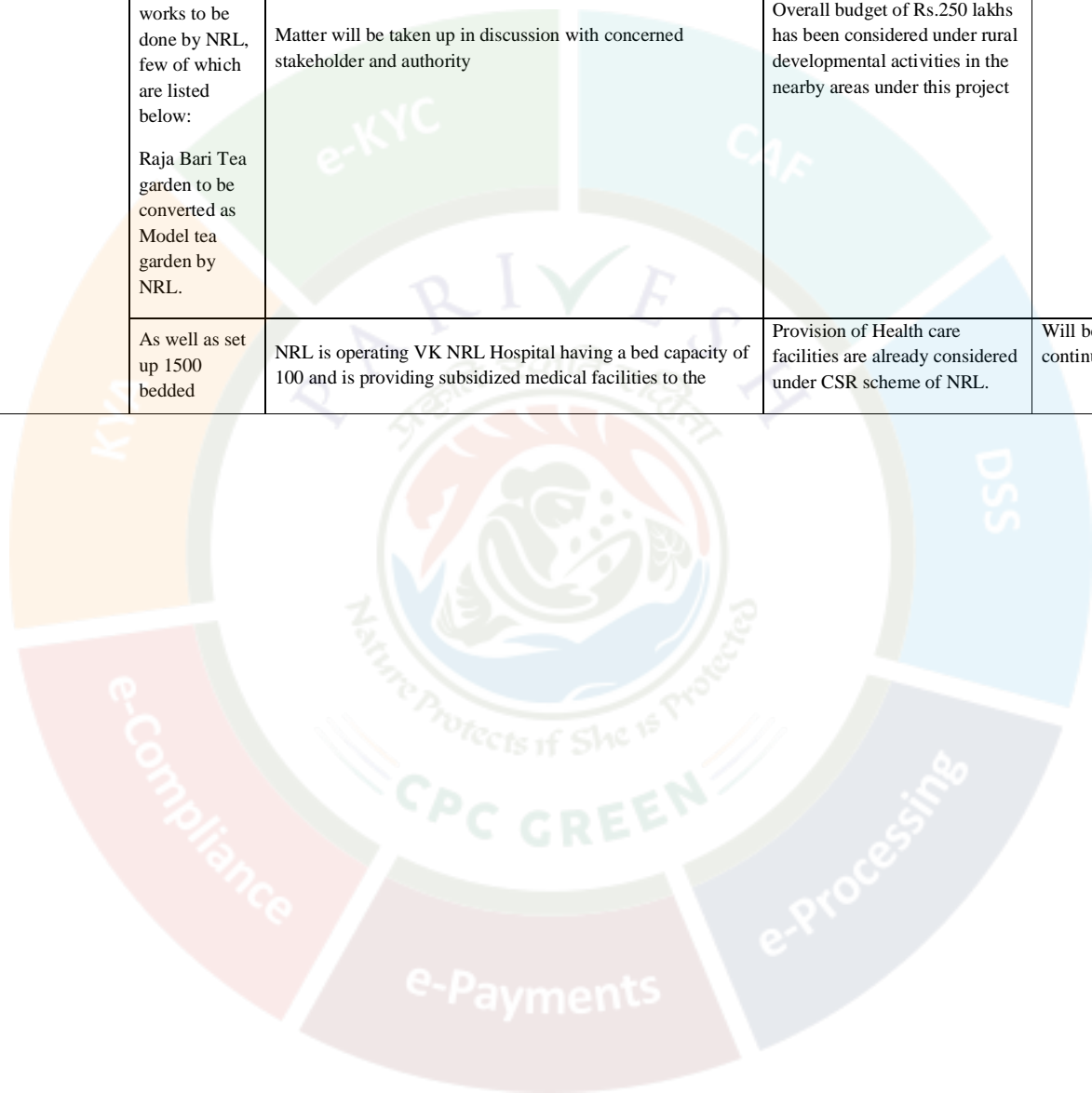
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
			Income generating schemes for individual/joint liability group/SHG/Farmers groups Employable skilling		
		Solar street light,	Solar streetlights will be provided in a phase wise manner.	Solar streetlights are already being provided by NRL under CSR scheme and CER(NREP) and accordingly budget has been considered. Additionally, Rs. 75 lakhs will be allocated under this project.	To be implemented by 2026 in a phase wise manner
		Provide drinking water facility and	Drinking water facilities have been provided to the nearby areas. It may further be noted that Govt.of India under the scheme of Har Ghar Jal, drinking water facility has been provided in the households. However, NRL will take measures to address the issue based on survey and requirement.	Drinking water facilities are already being provided by NRL under CSR scheme and CER(NREP) and accordingly budget has been considered. Additionally, Rs. 50 lakhs will be allocated under this project.	To be implemented by 2026 in a phase wise manner
		Training of the HS pass and graduate youths for skill	Employable skilling provision will be made available	NRL is already undertaking income generating schemes and skill development initiatives and budget has already been	To be implemented in phase wise manner by 2026



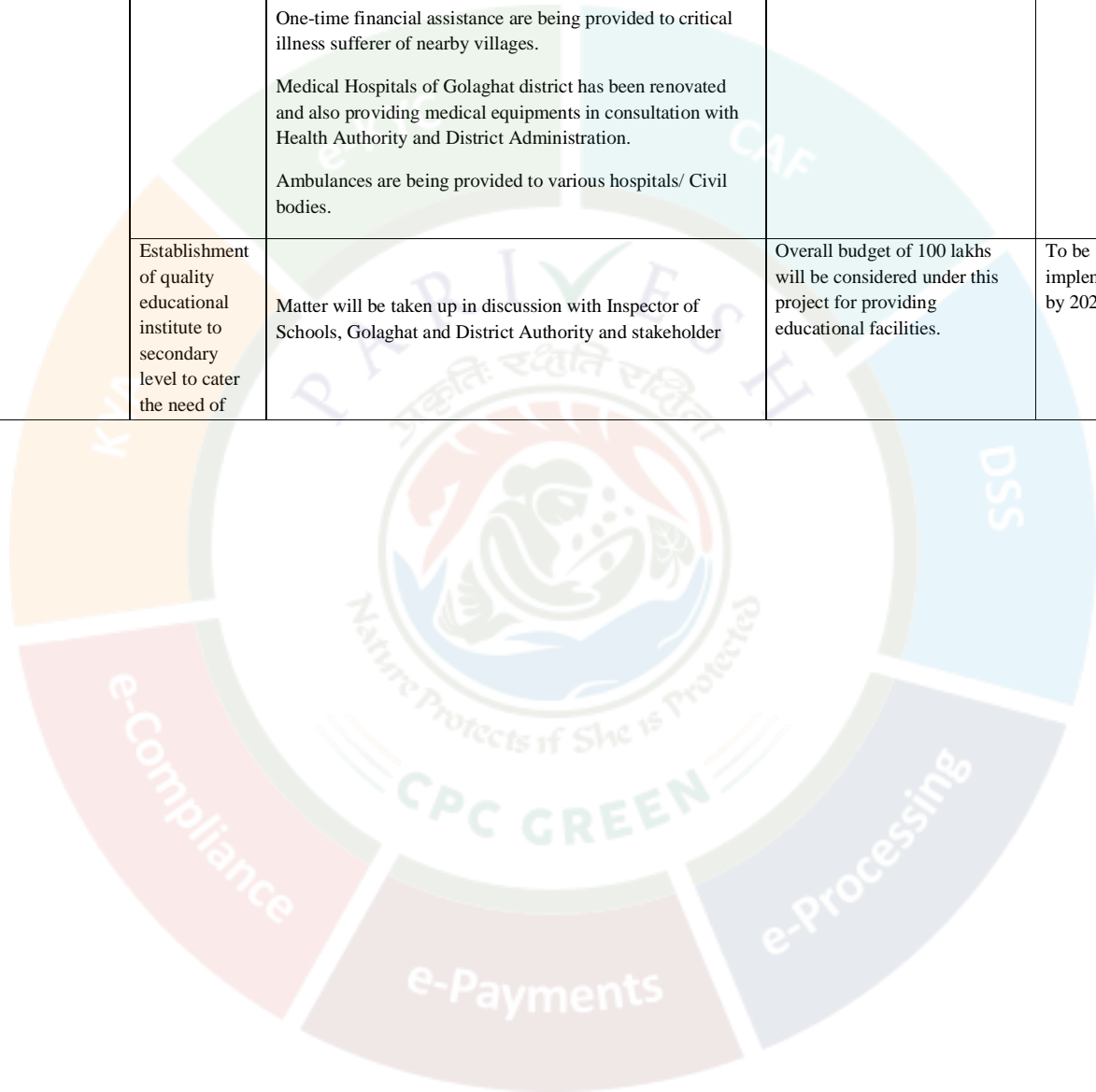
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline								
		development etc. and		<div>considered under CSR and CER (NREP).</div> <div>Additionally, fund allocation for the activities for addressing unemployment problems is given below:</div> <table><tr><td>Year</td><td>2024-25</td><td>2025-26</td><td>Total</td></tr><tr><td>Budget (in Lakhs)</td><td>50</td><td>50</td><td>100</td></tr></table>	Year	2024-25	2025-26	Total	Budget (in Lakhs)	50	50	100	
Year	2024-25	2025-26	Total										
Budget (in Lakhs)	50	50	100										
10	Local Citizen from Bishnupur Ahomgaon	Welcoming the setting up of the proposed project, he demands The Bishnupur Ahomgaon village roads to be	<div>NRL appreciates the support received from Public on the proposed project.</div> <div>Demand on the Bishnupur Ahomgaon village roads will be taken up in discussion with appropriate authority</div>	Overall budget of Rs.250 lakhs has been considered under rural developmental activities in the nearby areas under this project	To be implemented by 2026								



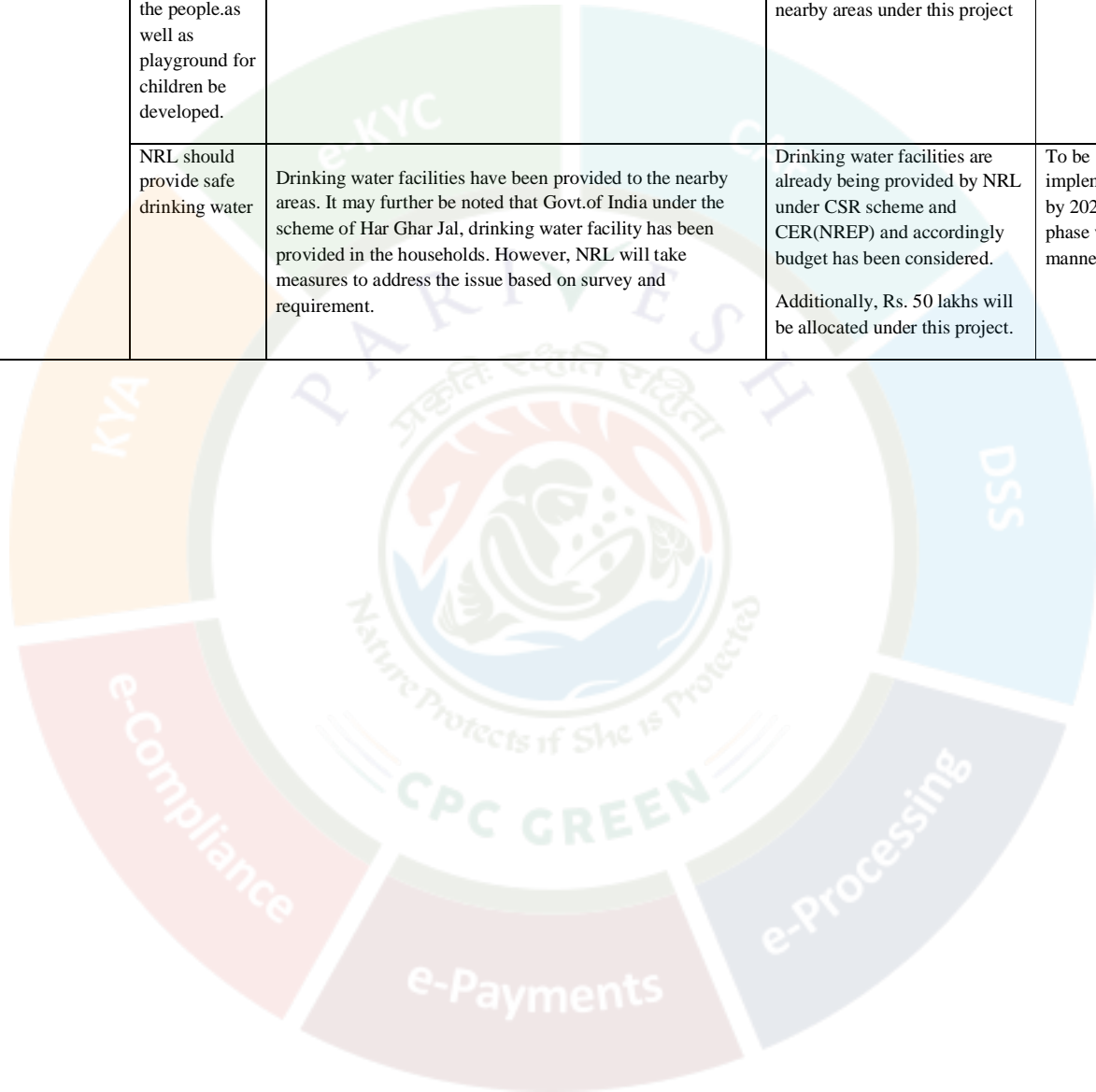
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		developed by NRL.			
11	Mousumi Rabha Surangi (Chah Sramik Mahila Sangstha):	<p>Smt. Mousumi Surangi while welcoming the proposed PP project of the NREP also wants some developmental works to be done by NRL, few of which are listed below:</p> <p>Raja Bari Tea garden to be converted as Model tea garden by NRL.</p>	<p>Matter will be taken up in discussion with concerned stakeholder and authority</p>	<p>Overall budget of Rs.250 lakhs has been considered under rural developmental activities in the nearby areas under this project</p>	To be implemented by 2026
		As well as set up 1500 bedded	NRL is operating VK NRL Hospital having a bed capacity of 100 and is providing subsidized medical facilities to the	Provision of Health care facilities are already considered under CSR scheme of NRL.	Will be a continuous



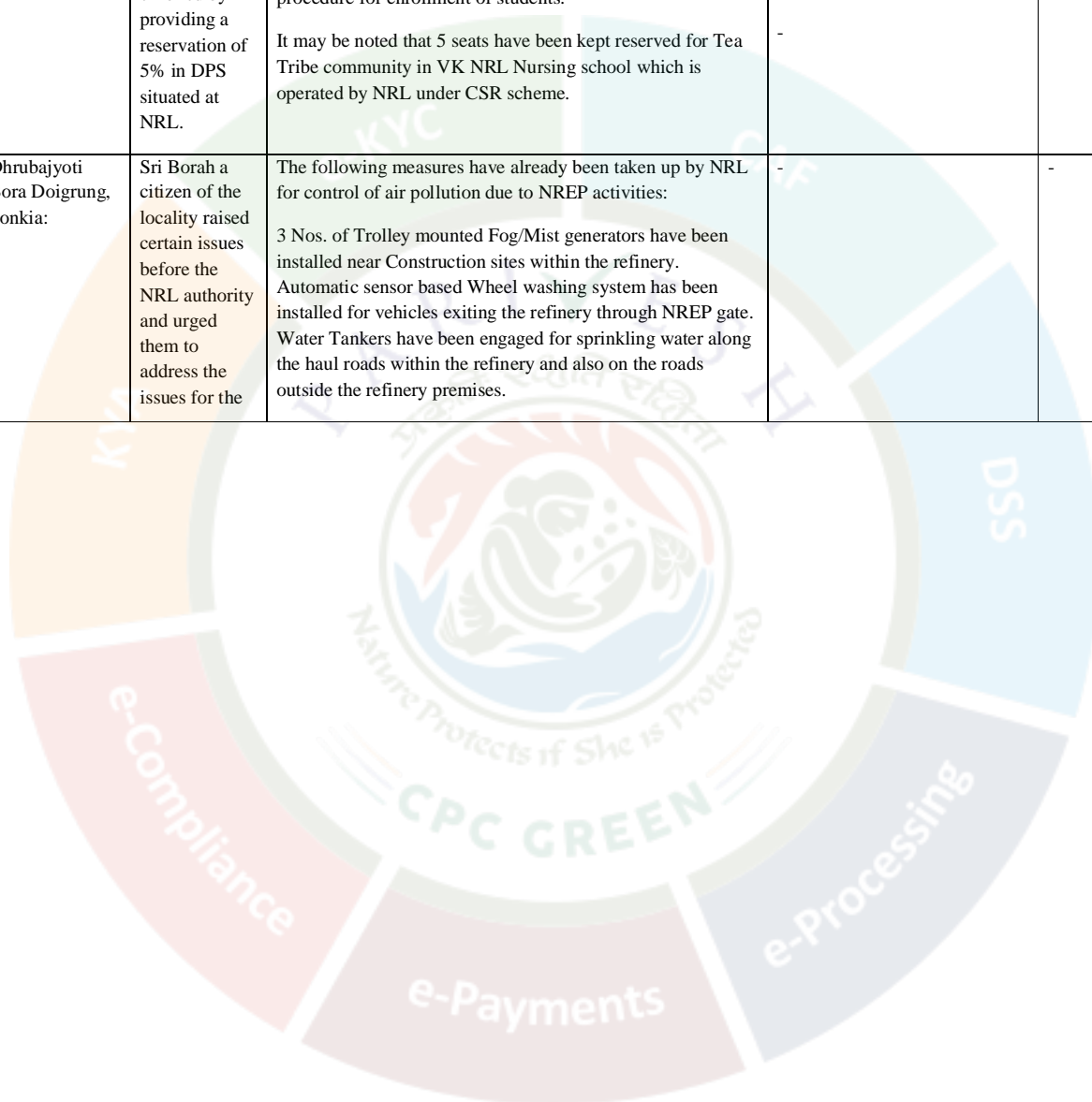
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		hospital by NRL.	<p>neighbouring people. The Hospital is in the process of upgradation.</p> <p>NRL has set up extension facility of VK NRL Hospital in the name of Ponka OPD at Telgaram. Special camps through external renowned medical experts are being organized at Ponka OPD.</p> <p>NRL is providing medical facility to nearby villages through mobile medical camps with the medical team of VK NRL hospital.</p> <p>One-time financial assistance are being provided to critical illness sufferer of nearby villages.</p> <p>Medical Hospitals of Golaghat district has been renovated and also providing medical equipments in consultation with Health Authority and District Administration.</p> <p>Ambulances are being provided to various hospitals/ Civil bodies.</p>	<p>Additionally, Rs. 75 Lakhs will be considered under this project.</p>	process under CSR scheme
		Establishment of quality educational institute to secondary level to cater the need of	<p>Matter will be taken up in discussion with Inspector of Schools, Golaghat and District Authority and stakeholder</p>	<p>Overall budget of 100 lakhs will be considered under this project for providing educational facilities.</p>	To be implemented by 2026



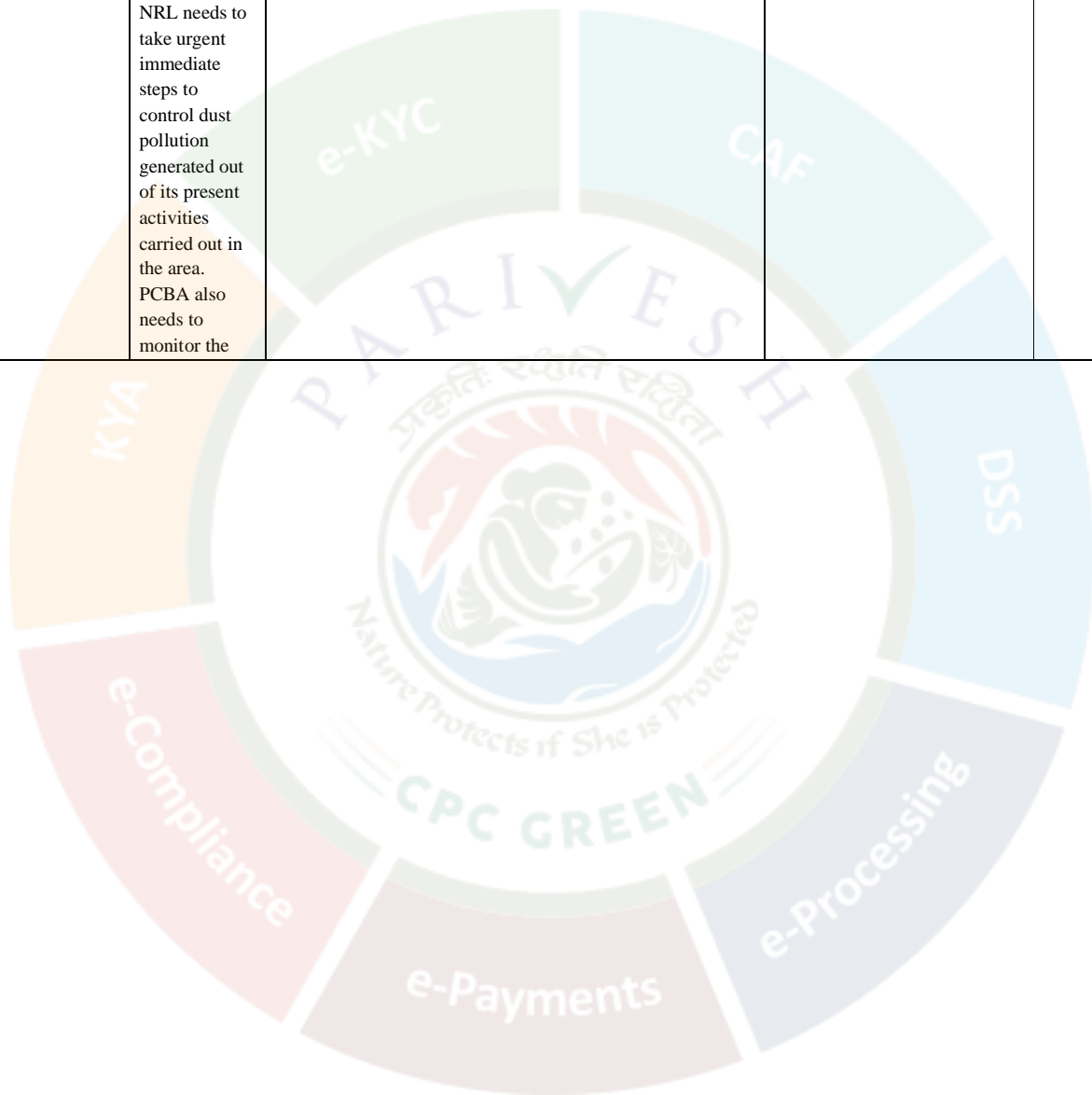
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		education for the children of that area.			
		All internal roads of the garden be improved as pucca road for ease of movement of the people.as well as playground for children be developed.	Matter will be taken up in discussion with concerned stakeholder and authority in phase wise manner	Overall budget of Rs.250 lakhs has been considered under rural developmental activities in the nearby areas under this project	To be implemented by 2026 in a phase wise manner
		NRL should provide safe drinking water	Drinking water facilities have been provided to the nearby areas. It may further be noted that Govt.of India under the scheme of Har Ghar Jal, drinking water facility has been provided in the households. However, NRL will take measures to address the issue based on survey and requirement.	Drinking water facilities are already being provided by NRL under CSR scheme and CER(NREP) and accordingly budget has been considered. Additionally, Rs. 50 lakhs will be allocated under this project.	To be implemented by 2026 in a phase wise manner



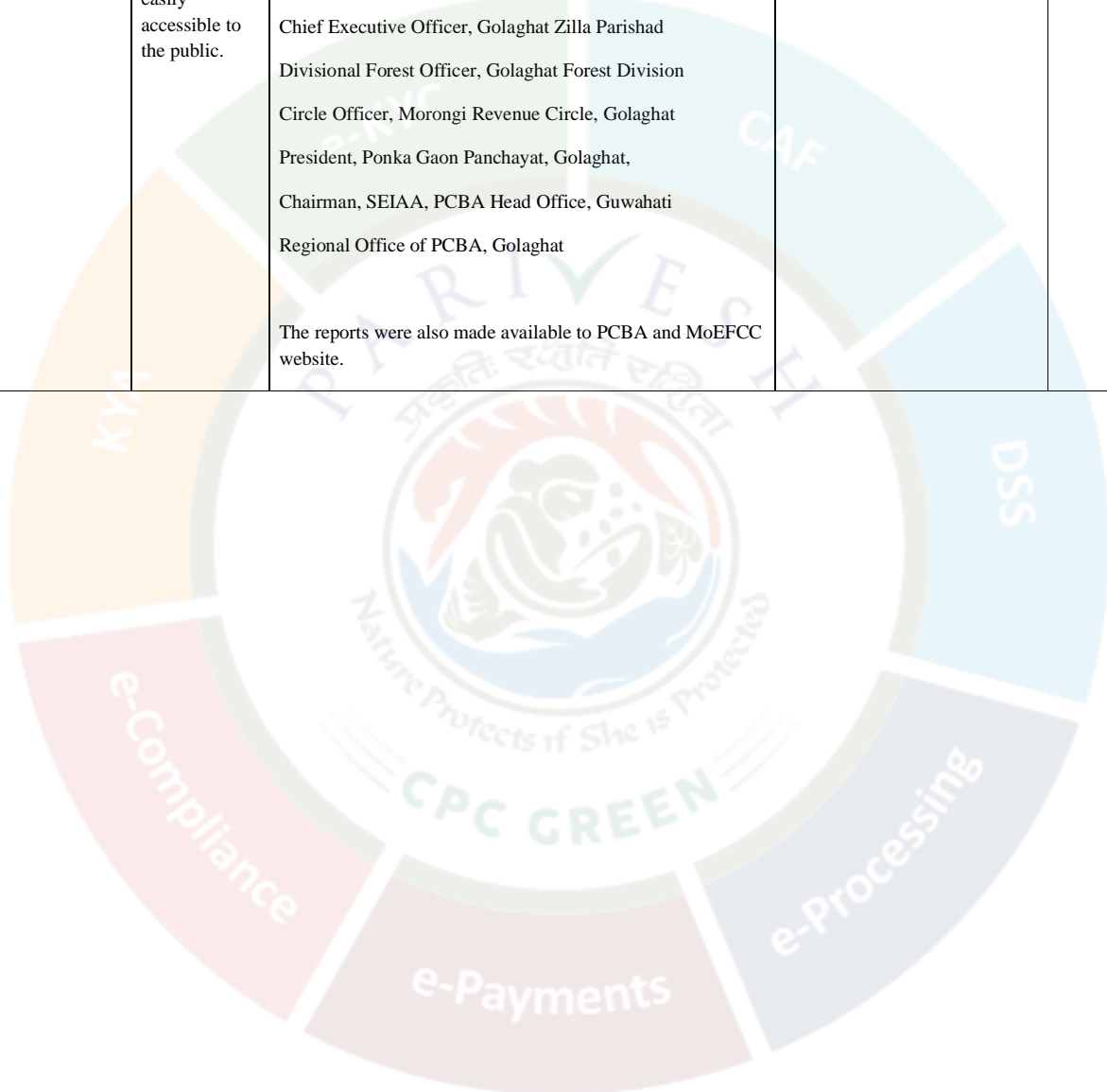
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		Sanitary latrine and proper solid waste collection system to keep the area clean.	Matter will be taken up in discussion with concerned stakeholder and authority in phase wise manner	Overall budget of Rs.250 lakhs has been considered under rural developmental activities in the nearby areas under this project	To be implemented by 2026
		Tea tribe students be enrolled by providing a reservation of 5% in DPS situated at NRL.	DPS school authority is having their own process and procedure for enrollment of students. It may be noted that 5 seats have been kept reserved for Tea Tribe community in VK NRL Nursing school which is operated by NRL under CSR scheme.	-	-
12	Dhrubajyoti Bora Doigrung, Ponkia:	Sri Borah a citizen of the locality raised certain issues before the NRL authority and urged them to address the issues for the	The following measures have already been taken up by NRL for control of air pollution due to NREP activities: 3 Nos. of Trolley mounted Fog/Mist generators have been installed near Construction sites within the refinery. Automatic sensor based Wheel washing system has been installed for vehicles exiting the refinery through NREP gate. Water Tankers have been engaged for sprinkling water along the haul roads within the refinery and also on the roads outside the refinery premises.	-	-



Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		<p>greater interest of the project and the people living around the Industry</p> <p>The issues raised by Mr.Borah has been as stated under:-</p> <p>NRL needs to take urgent immediate steps to control dust pollution generated out of its present activities carried out in the area.</p> <p>PCBA also needs to monitor the</p>			

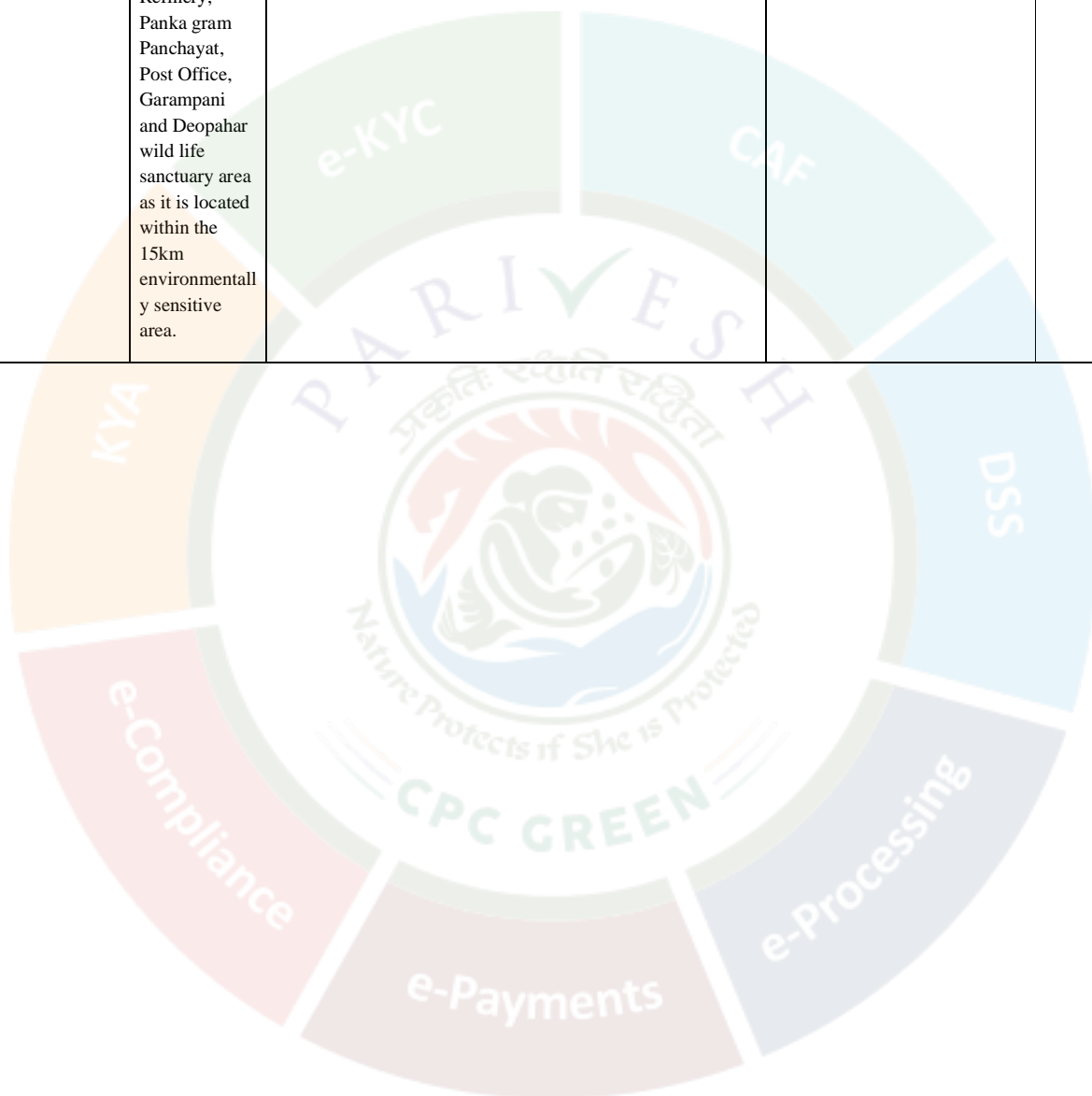


Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		compliance strictly			
		Instead of summary EIA report, he suggested that the complete EIA report should have been made easily accessible to the public.	<p>Complete EIA/RRA report along with Annexures and Executive summary in both English and Assamese were made accessible to the public 30 days prior to conduct of public hearing as per PCBA notice at designated offices of the following:</p> <p>District Commissioner Golaghat, District Industry and Commerce Centre Golaghat, Chief Executive Officer, Golaghat Zilla Parishad Divisional Forest Officer, Golaghat Forest Division Circle Officer, Morongi Revenue Circle, Golaghat President, Ponka Gaon Panchayat, Golaghat, Chairman, SEIAA, PCBA Head Office, Guwahati Regional Office of PCBA, Golaghat</p> <p>The reports were also made available to PCBA and MoEFCC website.</p>	-	-

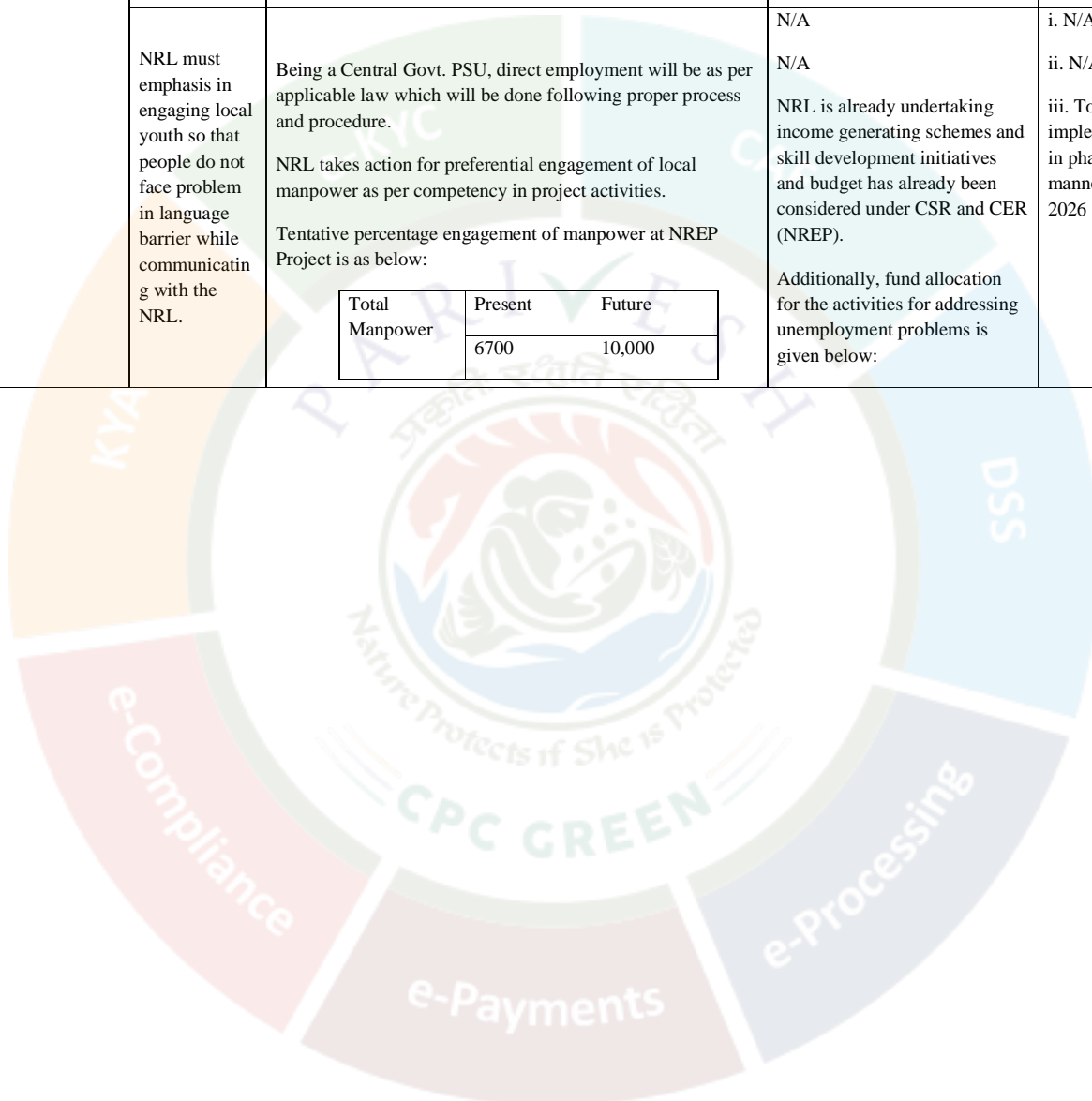


Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline															
		He also pointed out few discrepancies in the EIA report about employment data shown by NRL and requested the NRL to project proper figure about probable employment in the proposed project.	<div>Revised Employment details related to PPU are as given below:</div> <table><tr><th colspan="2">Description</th><th>Construction Phase</th><th>Operation Phase</th></tr><tr><td rowspan="2">Proposed</td><td>Permanent</td><td>0</td><td>53</td></tr><tr><td>Contract</td><td>1750</td><td>150</td></tr><tr><td colspan="2">Total (A)</td><td>1750</td><td>203</td></tr></table>	Description		Construction Phase	Operation Phase	Proposed	Permanent	0	53	Contract	1750	150	Total (A)		1750	203	-	-
Description		Construction Phase	Operation Phase																	
Proposed	Permanent	0	53																	
	Contract	1750	150																	
Total (A)		1750	203																	
		Mr Borah raised the question about the sincerity of NRL in preparing the EIA report as it has failed to	<div>Establishments as mentioned have been included in the Executive summary under Project Location details.</div> <div>Garampani is not located within the 15km radius of the project boundary.</div>	-	-															

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		<p>indicate in the report many important establishment of the locality such as</p> <p>Morangi PHC, Muga Farm, Naam ghar, Assam Bio Refinery, Panka gram Panchayat, Post Office, Garampani and Deopahar wild life sanctuary area as it is located within the 15km environmentally sensitive area.</p>	<p>With reference to the Topo sheet, 2011 and Protected Area Gazette Notification Database (Assam) there are 20 notification (National Park and Wildlife Sanctuary) present in which Deopahar wild life sanctuary is not available.</p> <p>Whereas Deopahar archeological site (~4.35km, WNW) has been mentioned in EIA report.</p>		

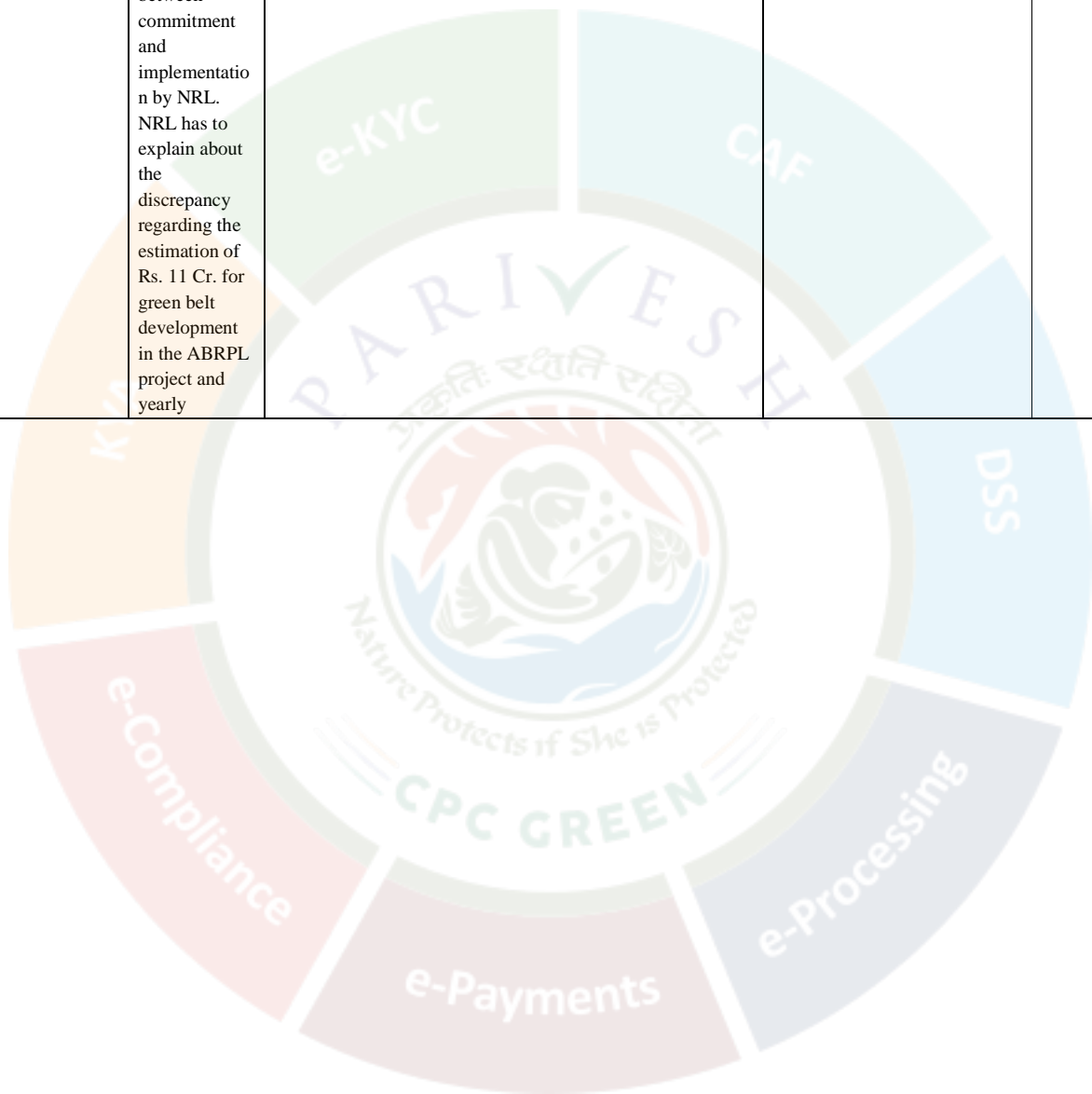


Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline				
		He demands that NRL must be cautious enough to spend the CER fund properly so that adverse environmental effects can be avoided	Noted for compliance.	Overall Budget of Rs.10 crores has been considered to address the issues raised during Public Hearing for the project	To be implemented by 2026.				
		NRL must emphasis in engaging local youth so that people do not face problem in language barrier while communicating with the NRL.	<p>Being a Central Govt. PSU, direct employment will be as per applicable law which will be done following proper process and procedure.</p> <p>NRL takes action for preferential engagement of local manpower as per competency in project activities.</p> <p>Tentative percentage engagement of manpower at NREP Project is as below:</p> <table><tr><td>Total Manpower</td><td>Present</td><td>Future</td></tr><tr><td></td><td>6700</td><td>10,000</td></tr></table>	Total Manpower	Present	Future		6700	10,000
Total Manpower	Present	Future							
	6700	10,000							

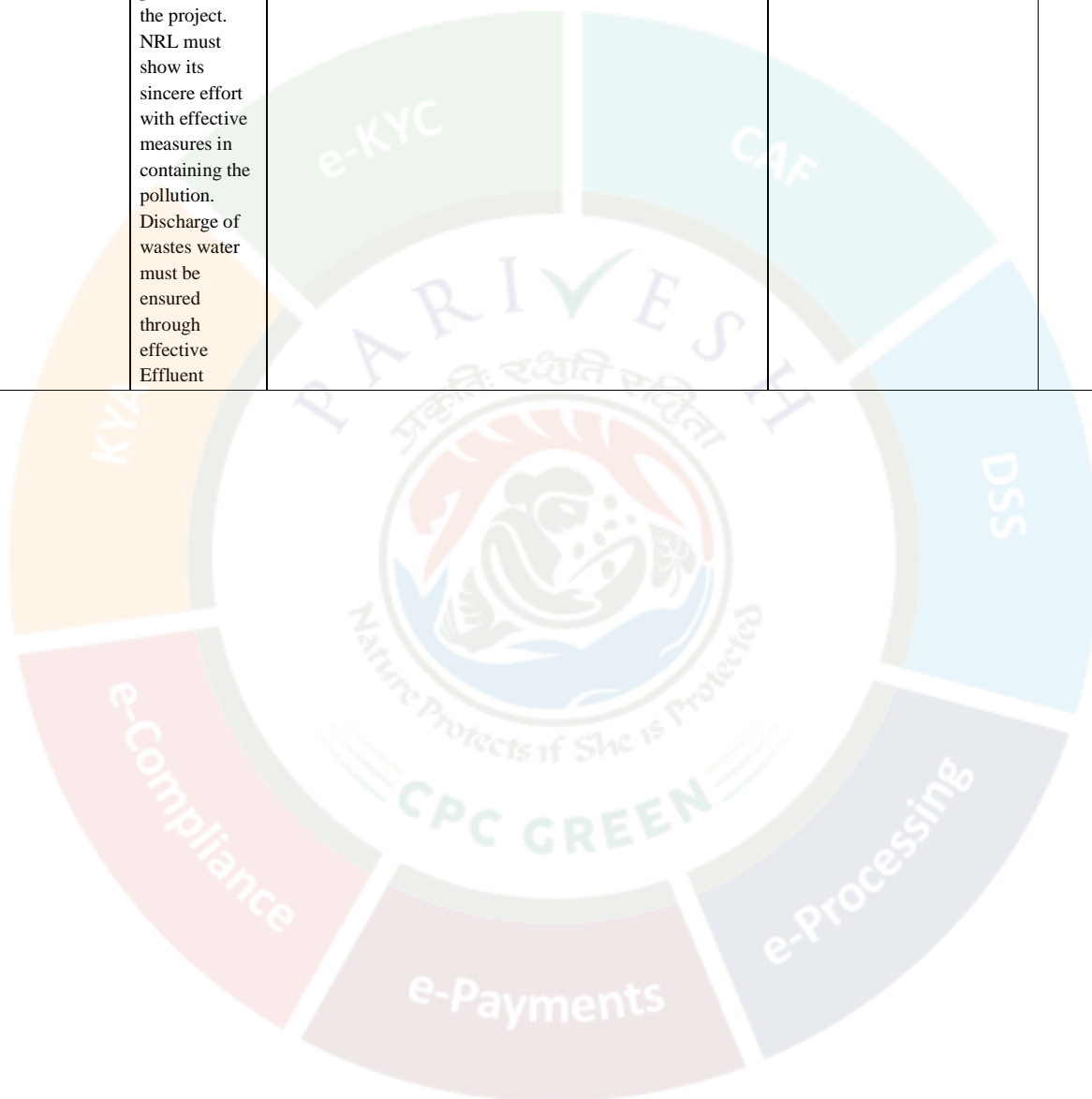


Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline																							
			<div><div>From Assam: 4300 (64%)</div><div>From other state: 2400 (36%)</div><div>From Golaghat : 2570 (38%)</div></div> <p>Expected Employment generation due to PPU is as given below:</p> <table><tr><th colspan="2">Description</th><th>Construction Phase</th><th>Operation Phase</th></tr><tr><td rowspan="2">Proposed</td><td>Permanent</td><td>0</td><td>53</td></tr><tr><td>Contract</td><td>1750</td><td>150</td></tr><tr><td colspan="2">Total</td><td>1750</td><td>203</td></tr></table> <p>NRL also takes action to address unemployment problems with the following activities:</p> <p>Income generating schemes for individual/joint liability group/SHG/Farmers groups</p> <p>Employable skilling</p>	Description		Construction Phase	Operation Phase	Proposed	Permanent	0	53	Contract	1750	150	Total		1750	203	<table><tr><td>Year</td><td>2024-25</td><td>2025-26</td><td>Total</td></tr><tr><td>Budget (in Lakhs)</td><td>50</td><td>50</td><td>100</td></tr></table>	Year	2024-25	2025-26	Total	Budget (in Lakhs)	50	50	100	
Description		Construction Phase	Operation Phase																									
Proposed	Permanent	0	53																									
	Contract	1750	150																									
Total		1750	203																									
Year	2024-25	2025-26	Total																									
Budget (in Lakhs)	50	50	100																									

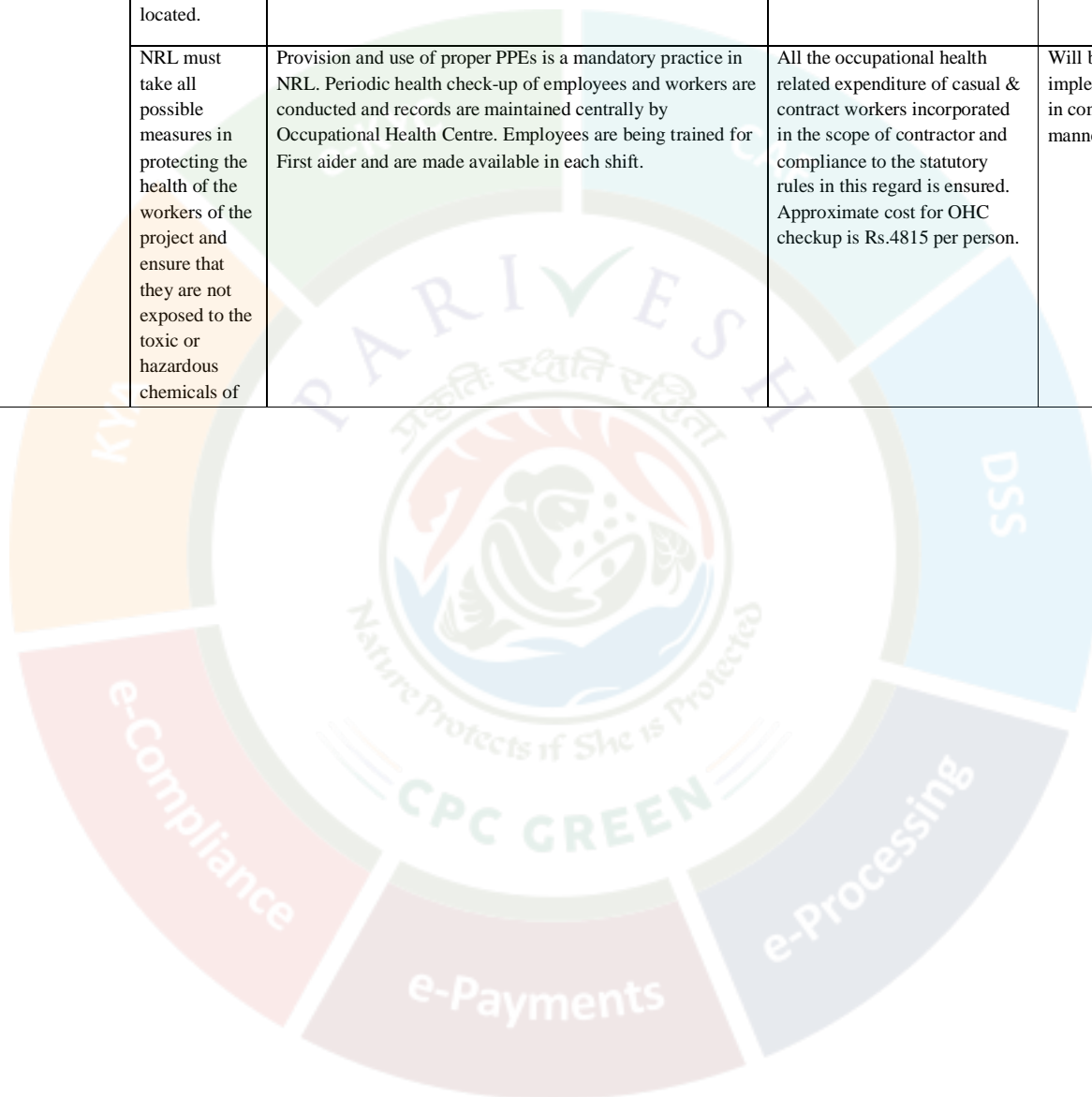
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		PP has failed to carry out 33% of green belt development in their Assam Bio-Refinery project and needs a relook into the gap between commitment and implementation by NRL. NRL has to explain about the discrepancy regarding the estimation of Rs. 11 Cr. for green belt development in the ABRPL project and yearly	The concern raised is not under the direct purview of the proposed project as it is related to ABRPL which is a joint venture company.	-	-



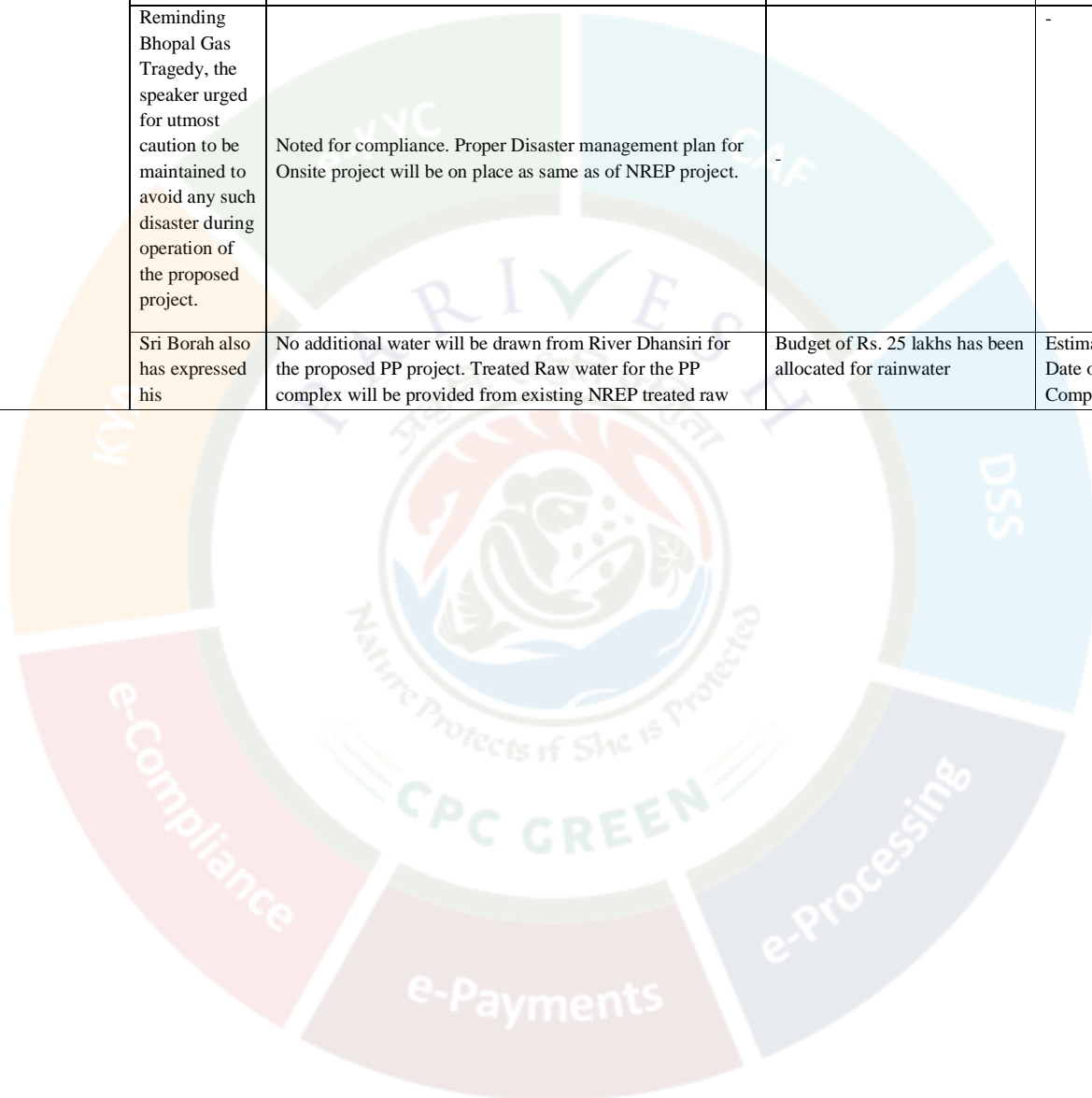
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		budgetary allocation of Rs. 7 Cr.for the same.			
		It is imperative to take proper care against soil, water, noise and air pollution from the project. NRL must show its sincere effort with effective measures in containing the pollution. Discharge of wastes water must be ensured through effective Effluent	No liquid effluent from the project shall be discharged. The waste water generated due to the project is very minimal and the same shall be diverted to NREP Effluent Treatment Plant for further treatment.	Total Capital cost of Rs. 402.36 Lakhs and recurring cost of Rs. 85 Lakhs have been considered in the EMP for the project	Capital Cost will be spent within 2027 and recurring cost in annual basis.



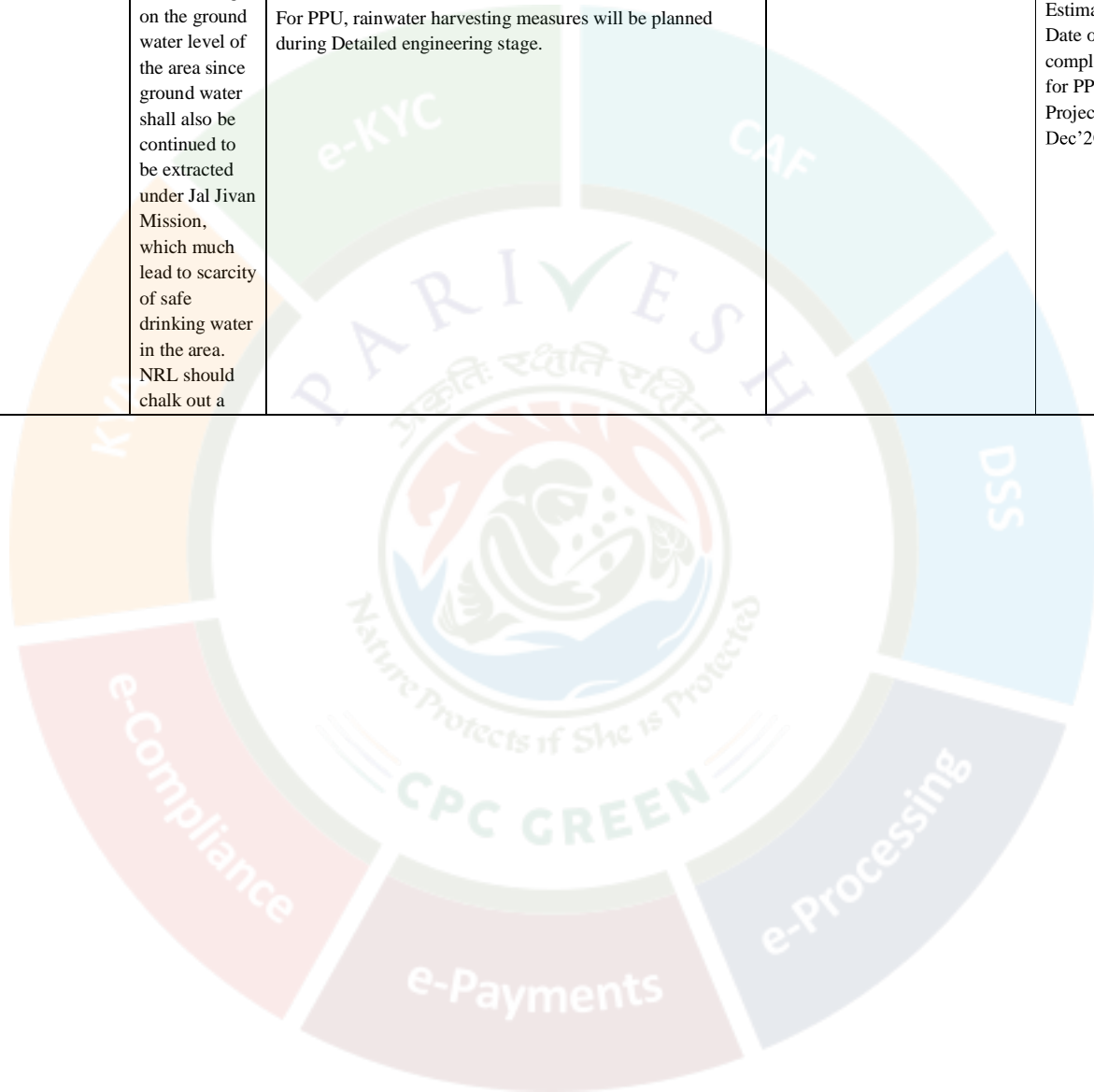
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		Treatment Plant.			
		EIA report should have mentioned about the seismic zone of the area where the project is located.	The project location/study area falls in Zone V, which is categorized as a Highest Active zone. The seismicity of the project location has been mentioned in Chapter 3 (Section 3.5.9) and the same is also included under Project Location details of Executive Summary.	-	-
		NRL must take all possible measures in protecting the health of the workers of the project and ensure that they are not exposed to the toxic or hazardous chemicals of	Provision and use of proper PPEs is a mandatory practice in NRL. Periodic health check-up of employees and workers are conducted and records are maintained centrally by Occupational Health Centre. Employees are being trained for First aider and are made available in each shift.	All the occupational health related expenditure of casual & contract workers incorporated in the scope of contractor and compliance to the statutory rules in this regard is ensured. Approximate cost for OHC checkup is Rs.4815 per person.	Will be implemented in continuous manner



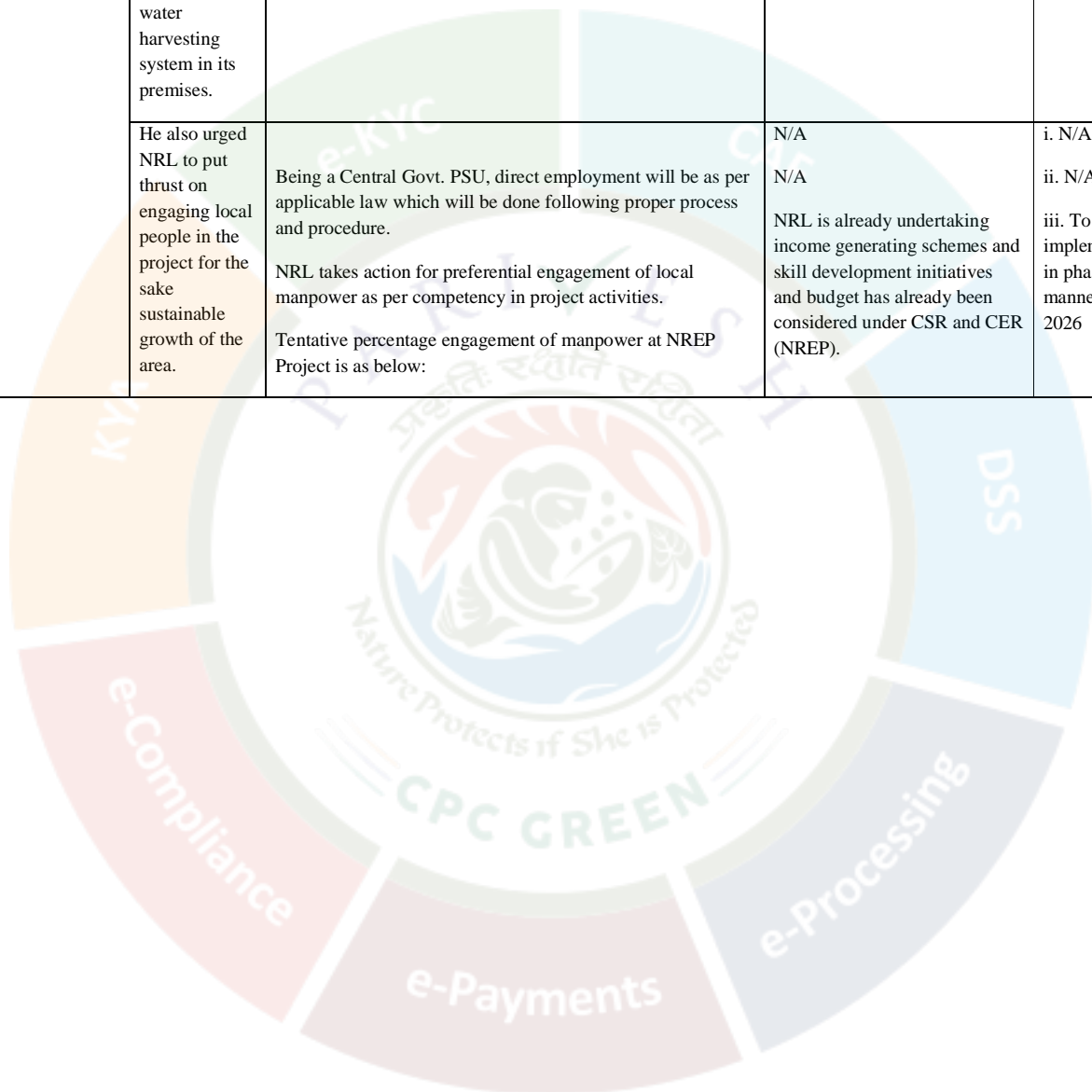
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		the industry without proper gear. First aid facility with trained staff must be available to address emergency situation.			
		Reminding Bhopal Gas Tragedy, the speaker urged for utmost caution to be maintained to avoid any such disaster during operation of the proposed project.	Noted for compliance. Proper Disaster management plan for Onsite project will be on place as same as of NREP project.		-
		Sri Borah also has expressed his	No additional water will be drawn from River Dhansiri for the proposed PP project. Treated Raw water for the PP complex will be provided from existing NREP treated raw	Budget of Rs. 25 lakhs has been allocated for rainwater	Estimated Date of Completion:



Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		<p>apprehension about the fact that use of water from Dhansiri river by the PP would reduce the water level of the river which shall have bearing on the ground water level of the area since ground water shall also be continued to be extracted under Jal Jivan Mission, which much lead to scarcity of safe drinking water in the area. NRL should chalk out a</p>	<p>water header. The source of raw water for existing and NREP is River Dhansiri and water drawl is within the permissible limit.</p> <p>Rooftop rainwater harvesting systems of capacity 20 KL/Day at LPG bottling plant of NRL has been implemented. Action has been initiated for another Roof top rainwater harvesting project with storage capacity of 40KL at New annex Admin Building of NRL.</p> <p>For PPU, rainwater harvesting measures will be planned during Detailed engineering stage.</p>	<p>harvesting for New Admin Building of NRL;</p> <p>Capital cost of INR50 lakhs and recurring cost of INR 3 lakhs has been considered in EMP for Rainwater Harvesting.</p>	<p>July'24 for New Annex Admin building of NRL</p> <p>Estimated Date of completion for PPU Project: Dec'2027</p>



Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		<p>plan to reduce the effect on ground water level as well as water level of Dhansiri River.</p> <p>NRL should immediately install, rain water harvesting system in its premises.</p>			
		<p>He also urged NRL to put thrust on engaging local people in the project for the sake sustainable growth of the area.</p>	<p>Being a Central Govt. PSU, direct employment will be as per applicable law which will be done following proper process and procedure.</p> <p>NRL takes action for preferential engagement of local manpower as per competency in project activities.</p> <p>Tentative percentage engagement of manpower at NREP Project is as below:</p>	<p>N/A</p> <p>N/A</p> <p>NRL is already undertaking income generating schemes and skill development initiatives and budget has already been considered under CSR and CER (NREP).</p>	<p>i. N/A</p> <p>ii. N/A</p> <p>iii. To be implemented in phase wise manner by 2026</p>



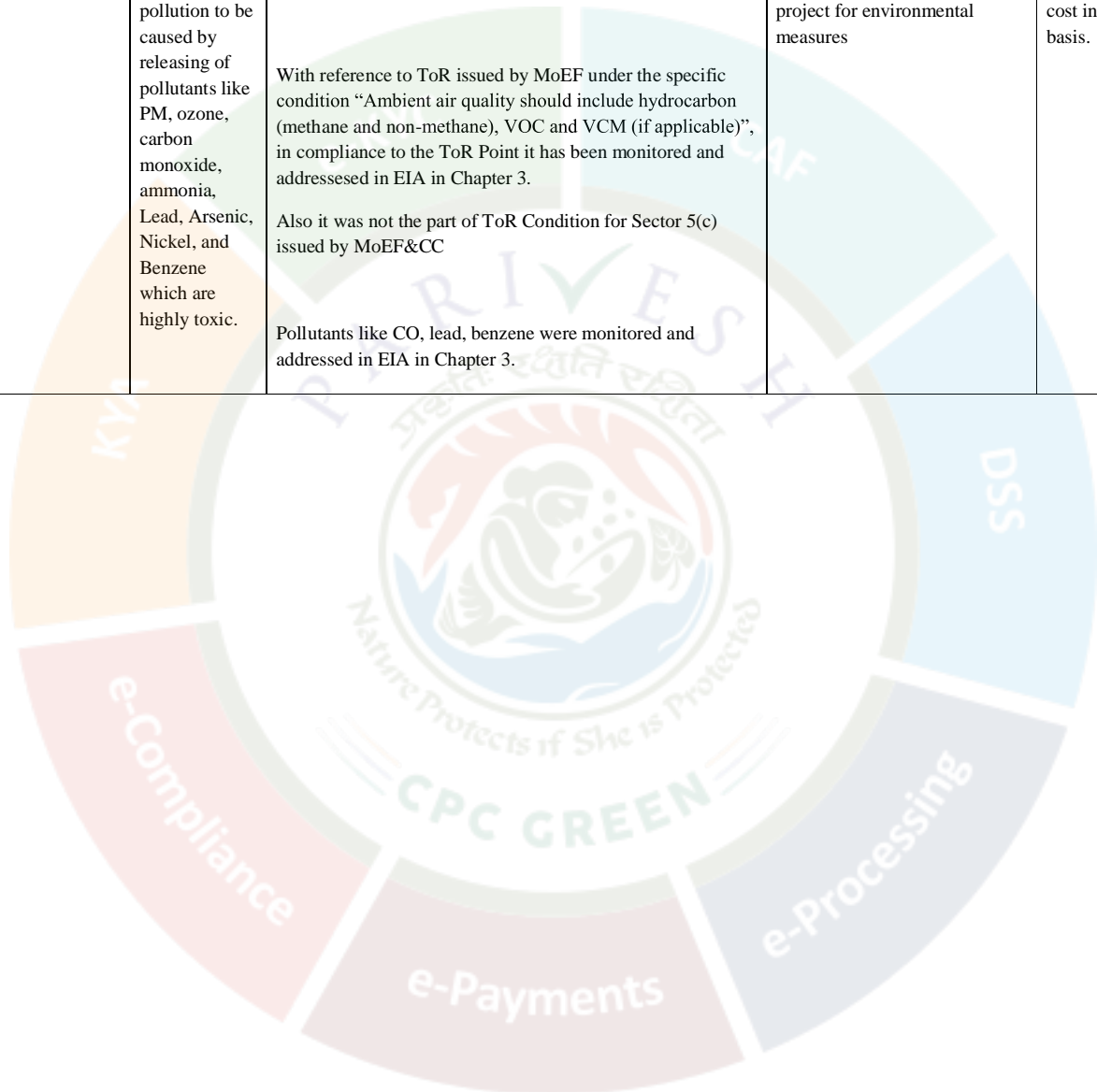
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline																																					
			<table><tr><td rowspan="2">Total Manpower</td><td>Present</td><td>Future</td></tr><tr><td>6700</td><td>10,000</td></tr><tr><td colspan="3">From Assam: 4300 (64%)</td></tr><tr><td colspan="3">From other state: 2400 (36%)</td></tr><tr><td colspan="3">From Golaghat : 2570 (38%)</td></tr></table> <p>Expected Employment generation due to PPU is as given below:</p> <table><tr><th colspan="2">Description</th><th>Construction Phase</th><th>Operation Phase</th></tr><tr><td rowspan="2">Proposed</td><td>Permanent</td><td>0</td><td>53</td></tr><tr><td>Contract</td><td>1750</td><td>150</td></tr><tr><td colspan="2">Total</td><td>1750</td><td>203</td></tr></table> <p>NRL also takes action to address unemployment problems with the following activities:</p>	Total Manpower	Present	Future	6700	10,000	From Assam: 4300 (64%)			From other state: 2400 (36%)			From Golaghat : 2570 (38%)			Description		Construction Phase	Operation Phase	Proposed	Permanent	0	53	Contract	1750	150	Total		1750	203	<p>Additionally, fund allocation for the activities for addressing unemployment problems is given below:</p> <table><tr><th>Year</th><th>2024-25</th><th>2025-26</th><th>Total</th></tr><tr><td>Budget (in Lakhs)</td><td>50</td><td>50</td><td>100</td></tr></table>	Year	2024-25	2025-26	Total	Budget (in Lakhs)	50	50	100	
Total Manpower	Present	Future																																								
	6700	10,000																																								
From Assam: 4300 (64%)																																										
From other state: 2400 (36%)																																										
From Golaghat : 2570 (38%)																																										
Description		Construction Phase	Operation Phase																																							
Proposed	Permanent	0	53																																							
	Contract	1750	150																																							
Total		1750	203																																							
Year	2024-25	2025-26	Total																																							
Budget (in Lakhs)	50	50	100																																							

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
			Income generating schemes for individual/joint liability group/SHG/Farmers groups Employable skilling		
13	Local citizen:	The citizen wants NRL to prepare the EIA report in a way so that even a layman can understand the details about the project.	EIA study conducted taking care of approved standard TOR and as per procedure laid down by MoEF in Appendix III & III (A) of MoEFCC EIA Notification, 2006 covering all points.	-	-
		NRL should shows in sincerity in fulfilling the demands of the local people and take care against all kinds of pollution	Noted. Pollution control measures for the proposed project are mentioned in the EIA report Chapter 4 and 10.	Total Capital cost of Rs. 402.36 Lakhs and recurring cost of Rs. 85 Lakhs per annum have been considered in the EMP for the project for environmental measures	Capital Cost will be spent within 2027 and recurring cost in annual basis.

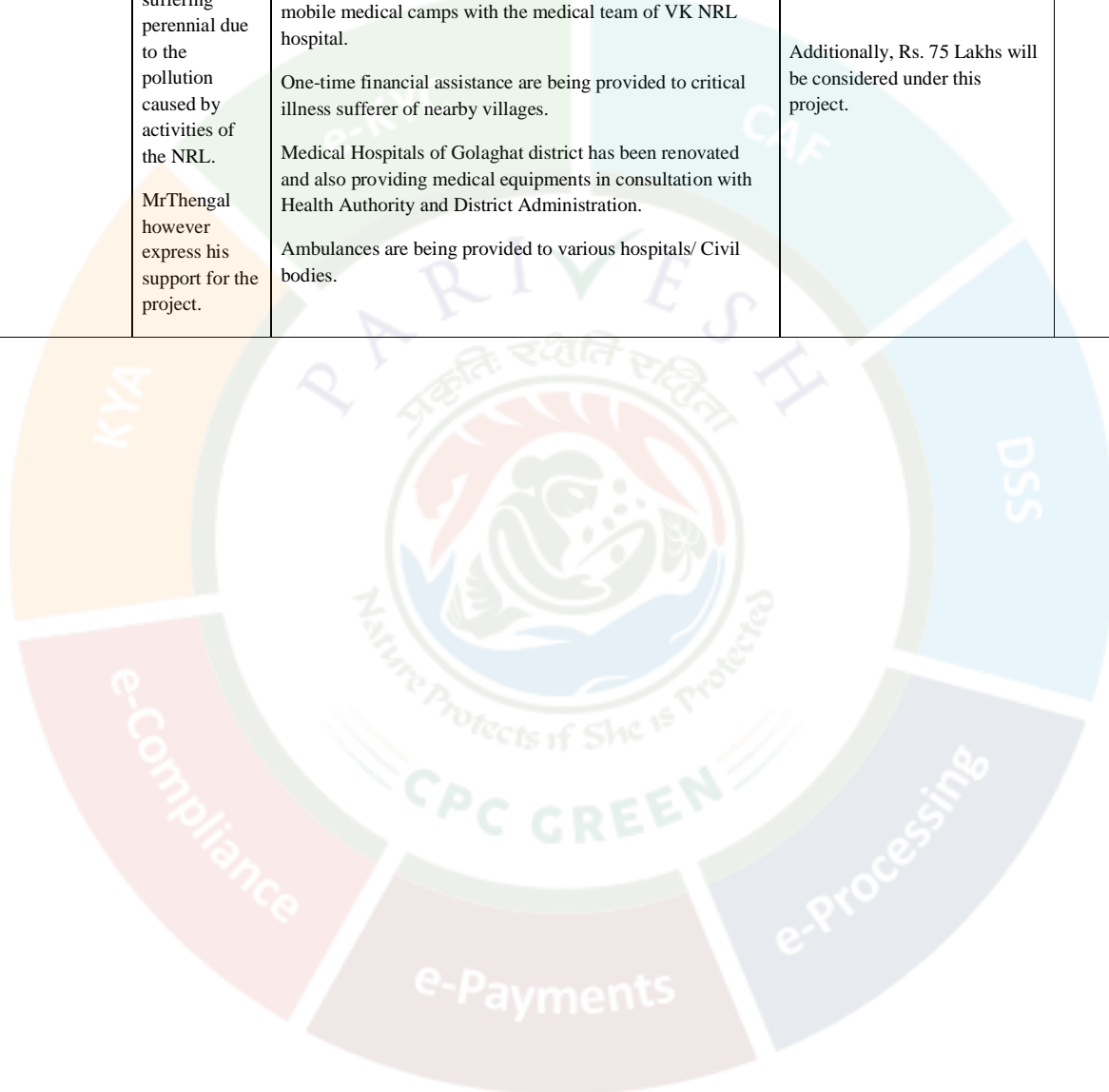
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline																				
		problems in the area.																							
		NRL should offer free treatment to the people suffering from critical illness like cancer etc.	NRL is providing financial assistance to critically ill patients and subsidized medical facilities has been provided from VK NRL Hospital.	Provision of Health care facilities are already considered under CSR scheme of NRL. Additionally, Rs. 75 Lakhs will be considered under this project.	Will be a continuous process under CSR scheme																				
14	David Thengal (local pople)	Sri Thengal also raised similar issue of development, pollution, unemployment etc. like all the speakers already spoken.	Being a Central Govt. PSU, direct employment will be as per applicable law which will be done following proper process and procedure. NRL takes action for preferential engagement of local manpower as per competency in project activities. Tentative percentage engagement of manpower at NREP Project is as below: <table><tr><td>Total Manpower</td><td>Present</td><td>Future</td></tr><tr><td></td><td>6700</td><td>10,000</td></tr><tr><td colspan="3">From Assam: 4300 (64%)</td></tr><tr><td colspan="3">From other state: 2400 (36%)</td></tr></table>	Total Manpower	Present	Future		6700	10,000	From Assam: 4300 (64%)			From other state: 2400 (36%)			NRL is already undertaking income generating schemes and skill development initiatives and budget has already been considered under CSR and CER (NREP). Additionally, fund allocation for the activities for addressing unemployment problems is given below: <table><tr><td>Year</td><td>2024-25</td><td>2025-26</td><td>Total</td></tr><tr><td>Budget (in</td><td>50</td><td>50</td><td>100</td></tr></table>	Year	2024-25	2025-26	Total	Budget (in	50	50	100	To be implemented in phase wise manner by 2026
Total Manpower	Present	Future																							
	6700	10,000																							
From Assam: 4300 (64%)																									
From other state: 2400 (36%)																									
Year	2024-25	2025-26	Total																						
Budget (in	50	50	100																						

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline															
			<div>From Golaghat : 2570 (38%)</div> <p>Expected Employment generation due to PPU is as given below:</p> <table><tr><th colspan="2">Description</th><th>Construction Phase</th><th>Operation Phase</th></tr><tr><td rowspan="2">Proposed</td><td>Permanent</td><td>0</td><td>53</td></tr><tr><td>Contract</td><td>1750</td><td>150</td></tr><tr><td colspan="2">Total</td><td>1750</td><td>203</td></tr></table> <p>NRL also takes action to address unemployment problems with the following activities:</p> <p>Income generating schemes for individual/joint liability group/SHG/Farmers groups</p> <p>Employable skilling</p>	Description		Construction Phase	Operation Phase	Proposed	Permanent	0	53	Contract	1750	150	Total		1750	203	<div>Lakhs)</div> <div>Total Capital cost of Rs. 402.36 Lakhs and recurring cost of Rs.</div>	
Description		Construction Phase	Operation Phase																	
Proposed	Permanent	0	53																	
	Contract	1750	150																	
Total		1750	203																	

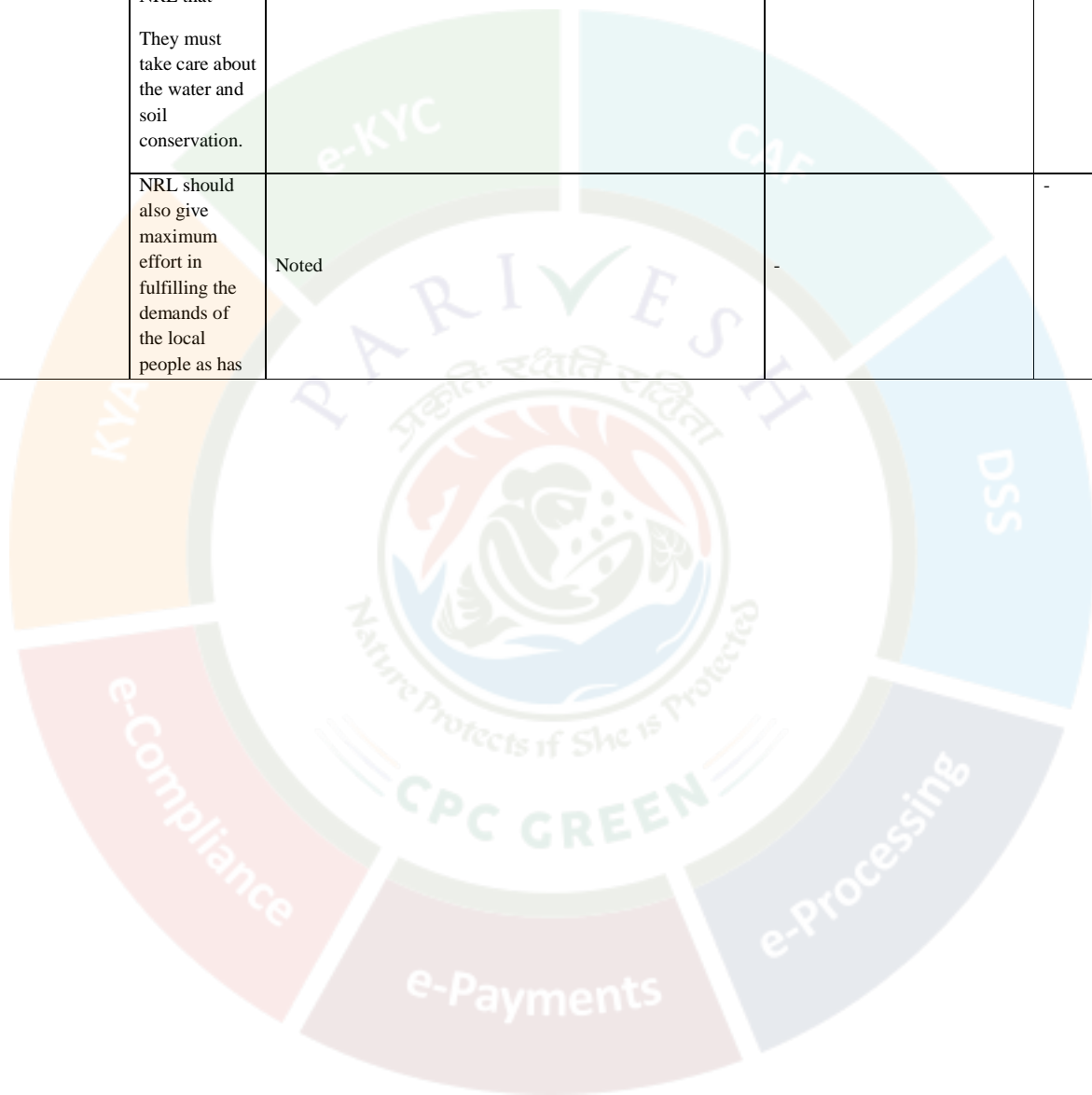
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
			<p>Noted.</p> <p>Pollution control measures for the proposed project are mentioned in the EIA report Chapter 4 and 10.</p>	85 Lakhs per annum have been considered in the EMP for the project for environmental measures	Capital Cost will be spent within 2027 and recurring cost in annual basis.
		<p>He raised a question that the EIA report is silent about pollution to be caused by releasing of pollutants like PM, ozone, carbon monoxide, ammonia, Lead, Arsenic, Nickel, and Benzene which are highly toxic.</p>	<p>Since there are no furnaces in PPU unit, there will not be any furnace stack emissions. Pollutants like CO, ammonia, lead, arsenic, nickel, benzene are unlikely to be emitted from the PPU project.</p> <p>With reference to ToR issued by MoEF under the specific condition "Ambient air quality should include hydrocarbon (methane and non-methane), VOC and VCM (if applicable)", in compliance to the ToR Point it has been monitored and addressed in EIA in Chapter 3.</p> <p>Also it was not the part of ToR Condition for Sector 5(c) issued by MoEF&CC</p> <p>Pollutants like CO, lead, benzene were monitored and addressed in EIA in Chapter 3.</p>	<p>Total Capital cost of Rs. 402.36 Lakhs and recurring cost of Rs. 85 Lakhs per annum have been considered in the EMP for the project for environmental measures</p>	Capital Cost will be spent within 2027 and recurring cost in annual basis.



Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		<p>He suggested that NRL should come out a proper health insurance policy to cover the health risk of the people of the locality since they are suffering perennial due to the pollution caused by activities of the NRL.</p> <p>MrThengal however express his support for the project.</p>	<p>NRL is operating VK NRL Hospital having a bed capacity of 100 and is providing subsidized medical facilities to the neighbouring people. The Hospital is in the process of upgradation.</p> <p>NRL has set up extension facility of VK NRL Hospital in the name of Ponka OPD at Telgaram. Special camps through external renowned medical experts are being organized at Ponka OPD.</p> <p>NRL is providing medical facility to nearby villages through mobile medical camps with the medical team of VK NRL hospital.</p> <p>One-time financial assistance are being provided to critical illness sufferer of nearby villages.</p> <p>Medical Hospitals of Golaghat district has been renovated and also providing medical equipments in consultation with Health Authority and District Administration.</p> <p>Ambulances are being provided to various hospitals/ Civil bodies.</p>	<p>Provision of Health care facilities are already considered under CSR scheme of NRL.</p> <p>Additionally, Rs. 75 Lakhs will be considered under this project.</p>	Will be a continuous process under CSR scheme



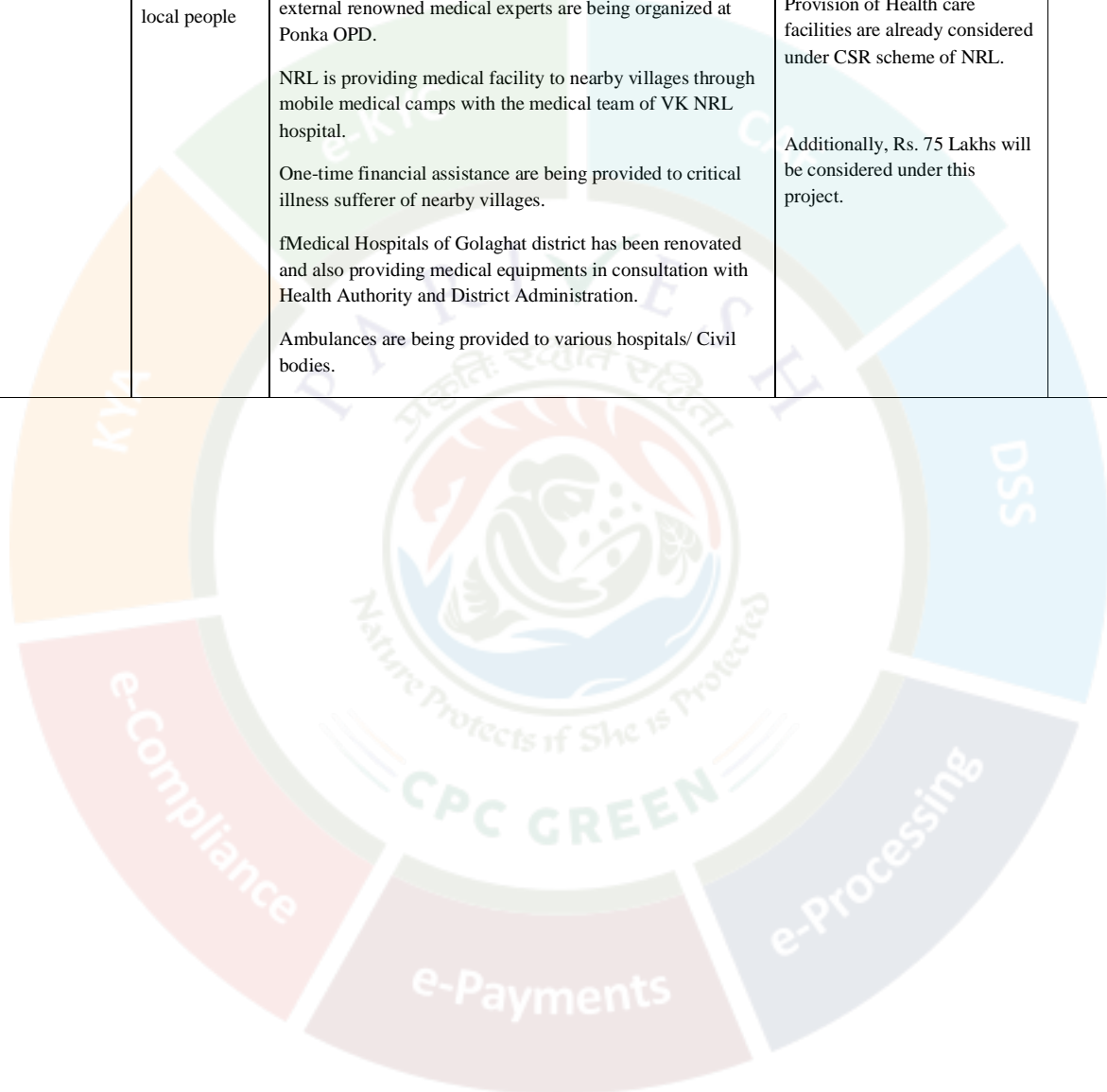
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
15	Paramanada Das representative from all Assam Schedule Tribe Students Union:	<p>Sri Das too expressed his support for the project on behalf of the student organisation he representing but cautioned NRL that</p> <p>They must take care about the water and soil conservation.</p>	Pollution control measures with respect to water and soil conservation for the proposed project are in place and mentioned in the EIA report Chapter 4 and 10.	Total Capital cost of Rs. 402.36 Lakhs and recurring cost of Rs. 85 Lakhs per annum have been considered in the EMP for the project for environmental measures	Capital Cost will be spent within 2027 and recurring cost in annual basis.
		NRL should also give maximum effort in fulfilling the demands of the local people as has	Noted	-	-



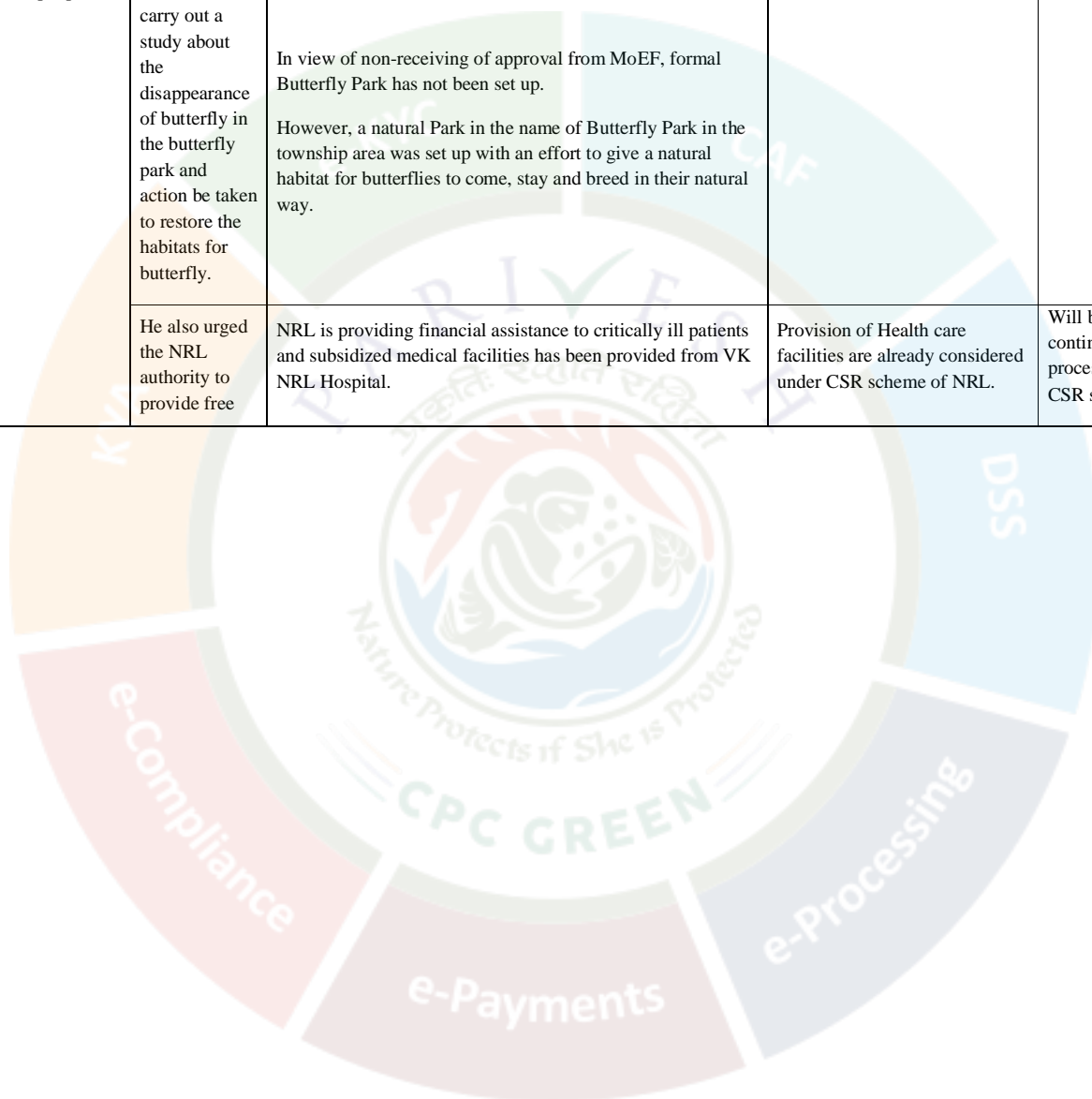
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		been raised in the meeting			
16	Prasujya Duwara h, Morangi:	Mr Duwarah demands that NRL should immediately install Swahid Memorial of Assam Agitation and who sacrificed their lives for the NRL as tribute to those martyrs.	Noted	Overall budget of Rs.250 lakhs allocated for Rural Developmental activities including construction of Swahid Bedi.	To be implemented by 2026
		NRL should not only engage local people,	Being a Central Govt. PSU, direct employment will be as per applicable law which will be done following proper process and procedure. NRL takes action for preferential engagement of local manpower as per competency in project activities. Tentative percentage engagement of manpower at NREP Project is as below:	NRL is already undertaking income generating schemes and skill development initiatives and budget has already been considered under CSR and CER (NREP). Additionally, fund allocation for the activities for addressing	To be implemented in phase wise manner by 2026

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline																																					
			<table><tr><td rowspan="2">Total Manpower</td><td>Present</td><td>Future</td></tr><tr><td>6700</td><td>10,000</td></tr><tr><td colspan="3">From Assam: 4300 (64%)</td></tr><tr><td colspan="3">From other state: 2400 (36%)</td></tr><tr><td colspan="3">From Golaghat : 2570 (38%)</td></tr></table> <p>Expected Employment generation due to PPU is as given below:</p> <table><tr><th colspan="2">Description</th><th>Construction Phase</th><th>Operation Phase</th></tr><tr><td rowspan="2">Proposed</td><td>Permanent</td><td>0</td><td>53</td></tr><tr><td>Contract</td><td>1750</td><td>150</td></tr><tr><td colspan="2">Total</td><td>1750</td><td>203</td></tr></table> <p>NRL also takes action to address unemployment problems with the following activities:</p>	Total Manpower	Present	Future	6700	10,000	From Assam: 4300 (64%)			From other state: 2400 (36%)			From Golaghat : 2570 (38%)			Description		Construction Phase	Operation Phase	Proposed	Permanent	0	53	Contract	1750	150	Total		1750	203	<p>unemployment problems is given below:</p> <table><tr><td>Year</td><td>2024-25</td><td>2025-26</td><td>Total</td></tr><tr><td>Budget (in Lakhs)</td><td>50</td><td>50</td><td>100</td></tr></table>	Year	2024-25	2025-26	Total	Budget (in Lakhs)	50	50	100	
Total Manpower	Present	Future																																								
	6700	10,000																																								
From Assam: 4300 (64%)																																										
From other state: 2400 (36%)																																										
From Golaghat : 2570 (38%)																																										
Description		Construction Phase	Operation Phase																																							
Proposed	Permanent	0	53																																							
	Contract	1750	150																																							
Total		1750	203																																							
Year	2024-25	2025-26	Total																																							
Budget (in Lakhs)	50	50	100																																							

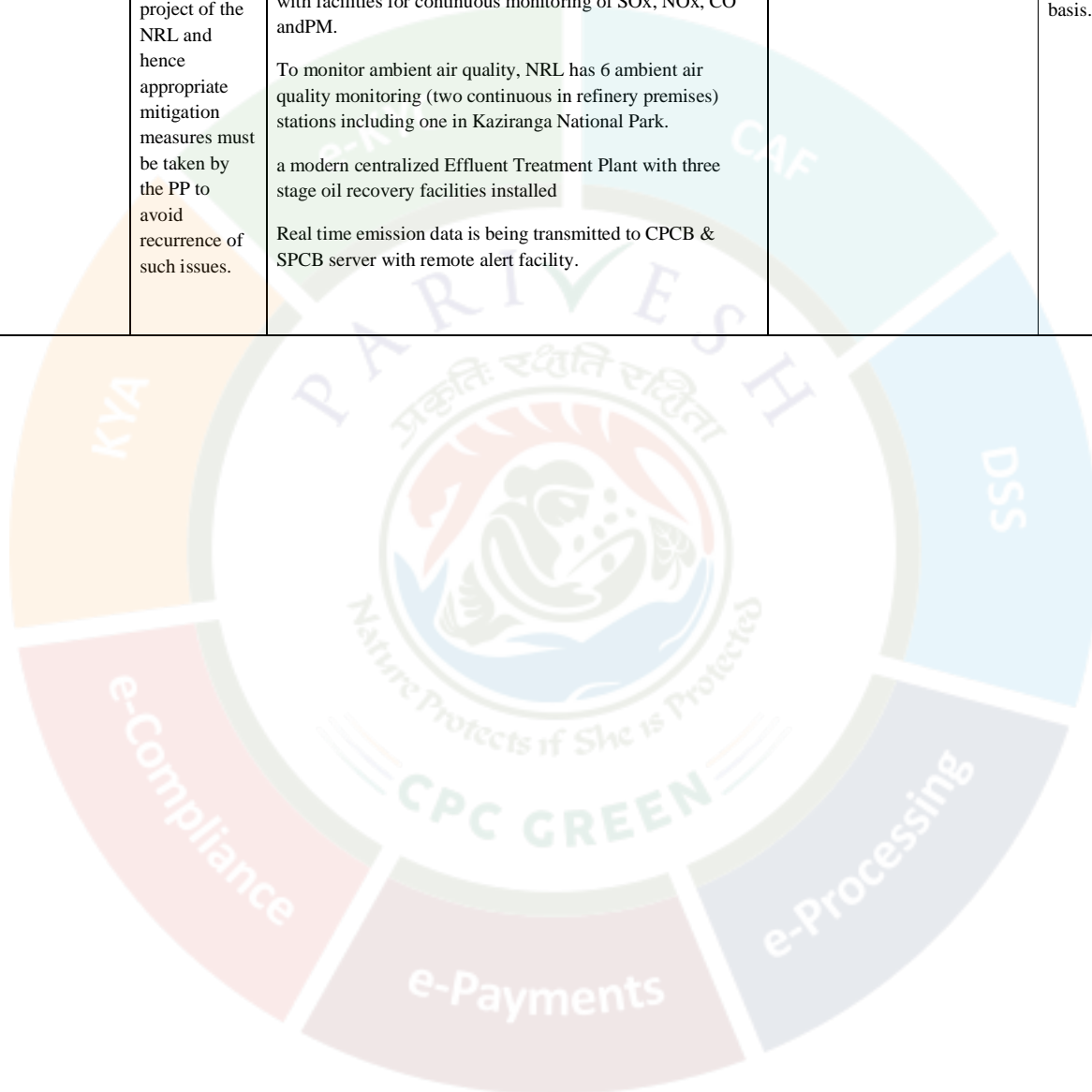
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
			Income generating schemes for individual/joint liability group/SHG/Farmers groups Employable skilling		
		also establish a super speciality hospital in the area to cater the health care need of the local people	<p>NRL is operating VK NRL Hospital having a bed capacity of 100 and is providing subsidized medical facilities to the neighbouring people. The Hospital is in the process of upgradation.</p> <p>NRL has set up extension facility of VK NRL Hospital in the name of Ponka OPD at Telgaram. Special camps through external renowned medical experts are being organized at Ponka OPD.</p> <p>NRL is providing medical facility to nearby villages through mobile medical camps with the medical team of VK NRL hospital.</p> <p>One-time financial assistance are being provided to critical illness sufferer of nearby villages.</p> <p>Medical Hospitals of Golaghat district has been renovated and also providing medical equipments in consultation with Health Authority and District Administration.</p> <p>Ambulances are being provided to various hospitals/ Civil bodies.</p>	<p>Provision of Health care facilities are already considered under CSR scheme of NRL.</p> <p>Additionally, Rs. 75 Lakhs will be considered under this project.</p>	Will be a continuous process under CSR scheme



Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		He also reminded NRL to regularly sprinkle water in the road from Telgaram to NRL to contain the road dust.	Automatic sensor based Wheel washing system has been installed for vehicles exiting the refinery through NREP gate. In addition to this, water tanker has been already kept engaged for sprinkling water along the road from Telgaram to NRL for control of dust pollution.	-	-
17	Local people:	NRL should carry out a study about the disappearance of butterfly in the butterfly park and action be taken to restore the habitats for butterfly.	In view of non-receiving of approval from MoEF, formal Butterfly Park has not been set up. However, a natural Park in the name of Butterfly Park in the township area was set up with an effort to give a natural habitat for butterflies to come, stay and breed in their natural way.	-	-
		He also urged the NRL authority to provide free	NRL is providing financial assistance to critically ill patients and subsidized medical facilities has been provided from VK NRL Hospital.	Provision of Health care facilities are already considered under CSR scheme of NRL.	Will be a continuous process under CSR scheme



Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		medical treatment facility for the local affected people.		Additionally, Rs. 75 Lakhs will be considered under this project.	
18	Nurul Ali, Local people, Letekujan:	He raised concern about Pollution caused by different project of the NRL and hence appropriate mitigation measures must be taken by the PP to avoid recurrence of such issues.	<p>Environment pollution mitigation measures have been considered during design phase of each project of NRL such as:</p> <p>All the furnace stacks are of adequate height and are provided with facilities for continuous monitoring of SOx, NOx, CO and PM.</p> <p>To monitor ambient air quality, NRL has 6 ambient air quality monitoring (two continuous in refinery premises) stations including one in Kaziranga National Park.</p> <p>a modern centralized Effluent Treatment Plant with three stage oil recovery facilities installed</p> <p>Real time emission data is being transmitted to CPCB & SPCB server with remote alert facility.</p>	Total Capital cost of Rs. 402.36 Lakhs and recurring cost of Rs. 85 Lakhs have been considered in the EMP for the project	Capital Cost will be spent within 2027 and recurring cost in annual basis.



Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline																													
		He demands 60% of the job of the NRL new project should be reserved for the local youth as well as	<p>Being a Central Govt. PSU, direct employment will be as per applicable law which will be done following proper process and procedure.</p> <p>NRL takes action for preferential engagement of local manpower as per competency in project activities.</p> <p>Tentative percentage engagement of manpower at NREP Project is as below:</p> <table><tr><td>Total Manpower</td><td>Present</td><td>Future</td></tr><tr><td></td><td>6700</td><td>10,000</td></tr><tr><td colspan="3">From Assam: 4300 (64%)</td></tr><tr><td colspan="3">From other state: 2400 (36%)</td></tr><tr><td colspan="3">From Golaghat : 2570 (38%)</td></tr></table> <p>Expected Employment generation due to PPU is as given below:</p> <table><tr><td>Description</td><td>Construction Phase</td><td>Operation Phase</td></tr><tr><td></td><td></td><td></td></tr></table>	Total Manpower	Present	Future		6700	10,000	From Assam: 4300 (64%)			From other state: 2400 (36%)			From Golaghat : 2570 (38%)			Description	Construction Phase	Operation Phase				<p>N/A</p> <p>N/A</p> <p>NRL is already undertaking income generating schemes and skill development initiatives and budget has already been considered under CSR and CER (NREP).</p> <p>Additionally, fund allocation for the activities for addressing unemployment problems is given below:</p> <table><tr><td>Year</td><td>2024-25</td><td>2025-26</td><td>Total</td></tr><tr><td>Budget (in Lakhs)</td><td>50</td><td>50</td><td>100</td></tr></table>	Year	2024-25	2025-26	Total	Budget (in Lakhs)	50	50	100	<p>N/A</p> <p>N/A</p> <p>To be implemented in phase wise manner by 2026</p>
Total Manpower	Present	Future																																
	6700	10,000																																
From Assam: 4300 (64%)																																		
From other state: 2400 (36%)																																		
From Golaghat : 2570 (38%)																																		
Description	Construction Phase	Operation Phase																																
Year	2024-25	2025-26	Total																															
Budget (in Lakhs)	50	50	100																															

Sl. No	Issue Raised by	Issue	Reply by NRL				Commitment on fund allocation	Timeline
			Proposed	Permanent	0	53		
				Contract	1750	150		
			Total		1750	203		
			<p>NRL also takes action to address unemployment problems with the following activities:</p> <p>Income generating schemes for individual/joint liability group/SHG/Farmers groups</p> <p>Employable skilling</p>					
		provide free medical treatment to the local people.	<p>NRL is providing financial assistance to critically ill patients and subsidized medical facilities has been provided from VK NRL Hospital.</p>				<p>Provision of Health care facilities are already considered under CSR scheme of NRL.</p> <p>Additionally, Rs. 75 Lakhs will be considered under this project.</p>	Will be a continuous process under CSR scheme
		Regular water sprinkling must be carried out by	<p>Automatic sensor based Wheel washing system has been installed for vehicles exiting the refinery through NREP gate.</p>				-	-



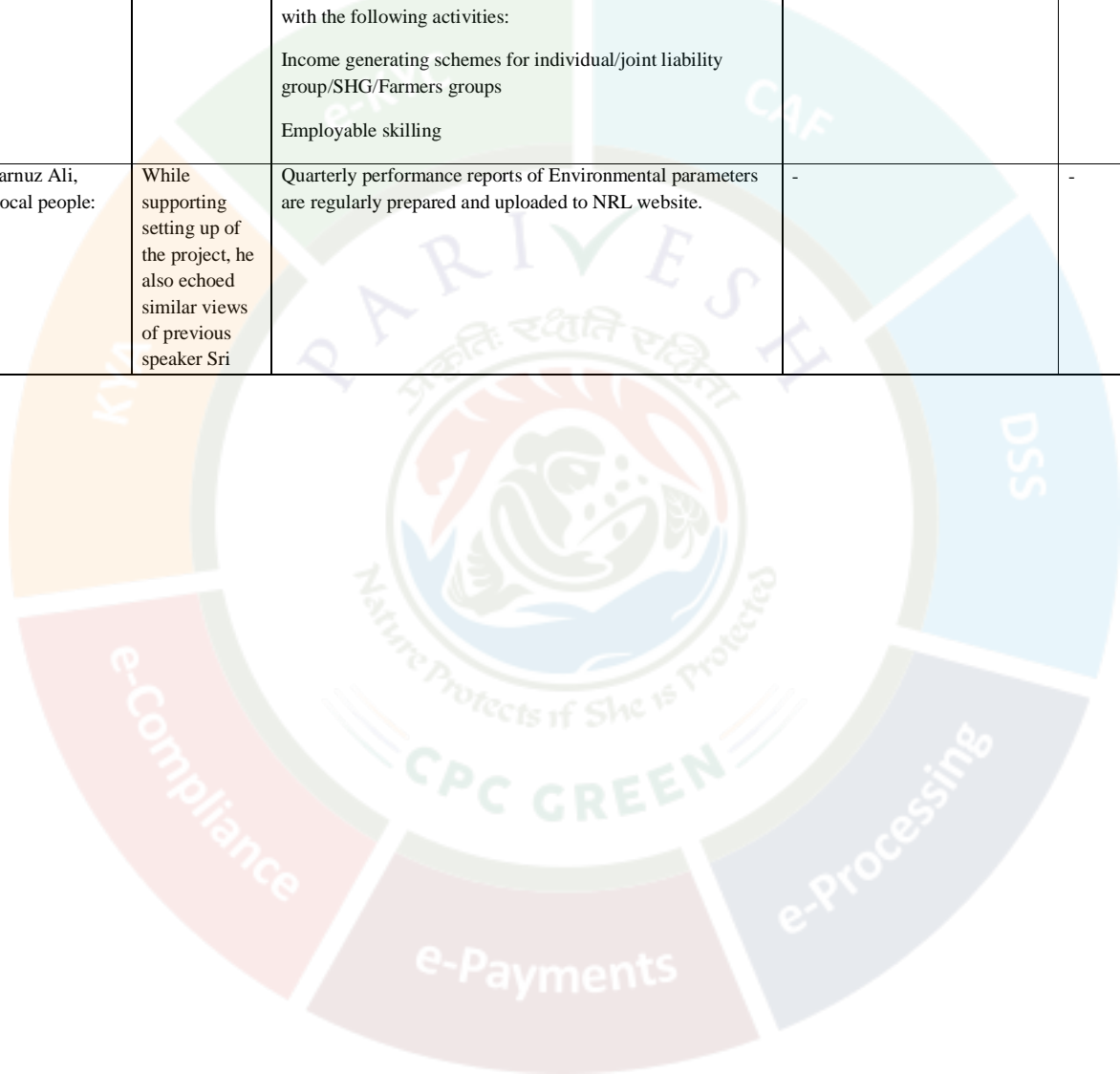
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		NRL to contain road dust in the area.	In addition to this, water tanker has been already kept engaged for sprinkling water along the road from Telgaram to NRL for control of dust pollution.		
		NRL should also take proactive steps towards reopening of the two high school which have been lying closed	Matter will be taken up in discussion with the school authority and stakeholder	-	-
		Local sub-contractors must be given opportunities to work in their project.	In general, lot of local contractors gets engaged in project work.	-	-
19	Arabinda Borbora, Local people:	Mr Borbora wants NRL to take steps to prevent further effect on local bee production	Action will be taken up to encourage bee production in the locality.	Overall budget of Rs. 250 lakhs has been considered for alternate livelihood schemes	To be implemented by 2026

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline														
		which he thinks, is causing due to pollution caused by NRL.																	
		He also demanded employment for the local people in the project.	<p>Being a Central Govt. PSU, direct employment will be as per applicable law which will be done following proper process and procedure.</p> <p>NRL takes action for preferential engagement of local manpower as per competency in project activities.</p> <p>Tentative percentage engagement of manpower at NREP Project is as below:</p> <table><tr><td>Total Manpower</td><td>Present</td><td>Future</td></tr><tr><td></td><td>6700</td><td>10,000</td></tr></table> <p>From Assam: 4300 (64%)</p> <p>From other state: 2400 (36%)</p> <p>From Golaghat: 2570 (38%)</p>	Total Manpower	Present	Future		6700	10,000	<p>N/A</p> <p>ii. N/A</p> <p>NRL is already undertaking income generating schemes and skill development initiatives and budget has already been considered under CSR and CER (NREP).</p> <p>Additionally, fund allocation for the activities for addressing unemployment problems is given below:</p> <table><tr><td>Year</td><td>2024-25</td><td>2025-26</td><td>Total</td></tr><tr><td>Budget (in</td><td>50</td><td>50</td><td>100</td></tr></table>	Year	2024-25	2025-26	Total	Budget (in	50	50	100	<p>N/A</p> <p>N/A</p> <p>To be implemented in phase wise manner by 2026</p>
Total Manpower	Present	Future																	
	6700	10,000																	
Year	2024-25	2025-26	Total																
Budget (in	50	50	100																

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline																			
			<p>Expected Employment generation due to PPU is as given below:</p> <table><tr><th colspan="2">Description</th><th>Construction Phase</th><th>Operation Phase</th></tr><tr><td rowspan="2">Proposed</td><td>Permanent</td><td>0</td><td>53</td></tr><tr><td>Contract</td><td>1750</td><td>150</td></tr><tr><td colspan="2">Total</td><td>1750</td><td>203</td></tr></table> <p>NRL also takes action to address unemployment problems with the following activities:</p> <p>Income generating schemes for individual/joint liability group/SHG/Farmers groups</p> <p>Employable skilling</p>	Description		Construction Phase	Operation Phase	Proposed	Permanent	0	53	Contract	1750	150	Total		1750	203	<table><tr><td>Lakhs)</td><td></td><td></td><td></td></tr></table>	Lakhs)				
Description		Construction Phase	Operation Phase																					
Proposed	Permanent	0	53																					
	Contract	1750	150																					
Total		1750	203																					
Lakhs)																								
20	Gidion Sorongi, local people, Letekujan Tea Estate:	He raised dust pollution problem and urged NRL to take effective steps to	<p>The following measures have already been taken up by NRL for control of air pollution due to NREP activities:</p> <p>3 Nos. of Trolley mounted Fog/Mist generators have been installed near Construction sites within the refinery. Automatic sensor based Wheel washing system has been installed for vehicles exiting the refinery through NREP gate.</p>	-	-																			

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline														
		control the same and	Water Tankers have been engaged for sprinkling water along the haul roads within the refinery and also on the roads outside the refinery premises.																
		provide job to the local people.	<p>Being a Central Govt. PSU, direct employment will be as per applicable law which will be done following proper process and procedure.</p> <p>NRL takes action for preferential engagement of local manpower as per competency in project activities.</p> <p>Tentative percentage engagement of manpower at NREP Project is as below:</p> <table><tr><td>Total Manpower</td><td>Present</td><td>Future</td></tr><tr><td></td><td>6700</td><td>10,000</td></tr></table> <p>From Assam: 4300 (64%)</p> <p>From other state: 2400 (36%)</p> <p>From Golaghat : 2570 (38%)</p>	Total Manpower	Present	Future		6700	10,000	<p>N/A</p> <p>N/A</p> <p>NRL is already undertaking income generating schemes and skill development initiatives and budget has already been considered under CSR and CER (NREP).</p> <p>Additionally, fund allocation for the activities for addressing unemployment problems is given below:</p> <table><tr><td>Year</td><td>2024 -25</td><td>2025 -26</td><td>Total</td></tr><tr><td>Budget (in Lakhs)</td><td>50</td><td>50</td><td>100</td></tr></table>	Year	2024 -25	2025 -26	Total	Budget (in Lakhs)	50	50	100	<p>N/A</p> <p>N/A</p> <p>To be implemented in phase wise manner by 2026</p>
Total Manpower	Present	Future																	
	6700	10,000																	
Year	2024 -25	2025 -26	Total																
Budget (in Lakhs)	50	50	100																

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline															
			<p>Expected Employment generation due to PPU is as given below:</p> <table><tr><th colspan="2">Description</th><th>Construction Phase</th><th>Operation Phase</th></tr><tr><td rowspan="2">Proposed</td><td>Permanent</td><td>0</td><td>53</td></tr><tr><td>Contract</td><td>1750</td><td>150</td></tr><tr><td colspan="2">Total</td><td>1750</td><td>203</td></tr></table> <p>NRL also takes action to address unemployment problems with the following activities:</p> <p>Income generating schemes for individual/joint liability group/SHG/Farmers groups</p> <p>Employable skilling</p>	Description		Construction Phase	Operation Phase	Proposed	Permanent	0	53	Contract	1750	150	Total		1750	203		
Description		Construction Phase	Operation Phase																	
Proposed	Permanent	0	53																	
	Contract	1750	150																	
Total		1750	203																	
21	Farnuz Ali, Local people:	While supporting setting up of the project, he also echoed similar views of previous speaker Sri	Quarterly performance reports of Environmental parameters are regularly prepared and uploaded to NRL website.	-	-															



Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		Dhruba Jyoti Borah. He wants that the analysis report of pollutants must be made public on quarterly of yearly basis so that the public stay well informed about the status of NRL.			
22	Local People:	The local people of that area said he supported the project and hoping for fulfilling of their desire.	NRL appreciates the support received from Public on the proposed project.		
23	Local People	He has offered thanks to the project	Being a Central Govt. PSU, direct employment will be as per applicable law which will be done following proper process and procedure.	N/A ii. N/A	N/A N/A

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline																									
		proponent of NRL for presenting the project and at the same time he criticized for making mistake in the EIA Report. He will support the project after fulfilling their demands. According to him the NRL authority deprive Youths for getting job in NRL. He supported the upcoming Project.	<p>NRL takes action for preferential engagement of local manpower as per competency in project activities.</p> <p>Tentative percentage engagement of manpower at NREP Project is as below:</p> <table><tr><td>Total Manpower</td><td>Present</td><td>Future</td></tr><tr><td></td><td>6700</td><td>10,000</td></tr></table> <p>From Assam: 4300 (64%)</p> <p>From other state: 2400 (36%)</p> <p>From Golaghat : 2570 (38%)</p> <p>Expected Employment generation due to PPU is as given below:</p> <table><tr><th colspan="2">Description</th><th>Construction Phase</th><th>Operation Phase</th></tr><tr><td rowspan="2">Proposed</td><td>Permanent</td><td>0</td><td>53</td></tr><tr><td>Contract</td><td>1750</td><td>150</td></tr></table>	Total Manpower	Present	Future		6700	10,000	Description		Construction Phase	Operation Phase	Proposed	Permanent	0	53	Contract	1750	150	<p>NRL is already undertaking income generating schemes and skill development initiatives and budget has already been considered under CSR and CER (NREP).</p> <p>Additionally, fund allocation for the activities for addressing unemployment problems is given below:</p> <table><tr><td>Year</td><td>2024-25</td><td>2025-26</td><td>Total</td></tr><tr><td>Budget (in Lakhs)</td><td>50</td><td>50</td><td>100</td></tr></table>	Year	2024-25	2025-26	Total	Budget (in Lakhs)	50	50	100	To be implemented in phase wise manner by 2026
Total Manpower	Present	Future																												
	6700	10,000																												
Description		Construction Phase	Operation Phase																											
Proposed	Permanent	0	53																											
	Contract	1750	150																											
Year	2024-25	2025-26	Total																											
Budget (in Lakhs)	50	50	100																											

Sl. No	Issue Raised by	Issue	Reply by NRL			Commitment on fund allocation	Timeline
			Total	1750	203		
			NRL also takes action to address unemployment problems with the following activities: Income generating schemes for individual/joint liability group/SHG/Farmers groups Employable skilling				
24	Gautam Tanti, Rajabari Tea Estate	He stated that the local people are deprived of CSR benefit even although they should have been the first beneficiary.	NRL has been carrying out various activities beneficial to the surrounding villages under its Corporate Social Responsibility (CSR) program in the field of Healthcare/ Medical, sanitation & drinking water facility and Community Development. The community particularly around the refinery at Numaligarh has witnessed perceptible improvement on socio-economic front on account of initiatives taken by NRL. As per CSR policy of NRL, importance has been given for local area development. The amount utilized in past years has been given below. The same will be followed in upcoming years.			As per CSR policy of NRL will allocated budget every year.	Will be implemented in annual basis.

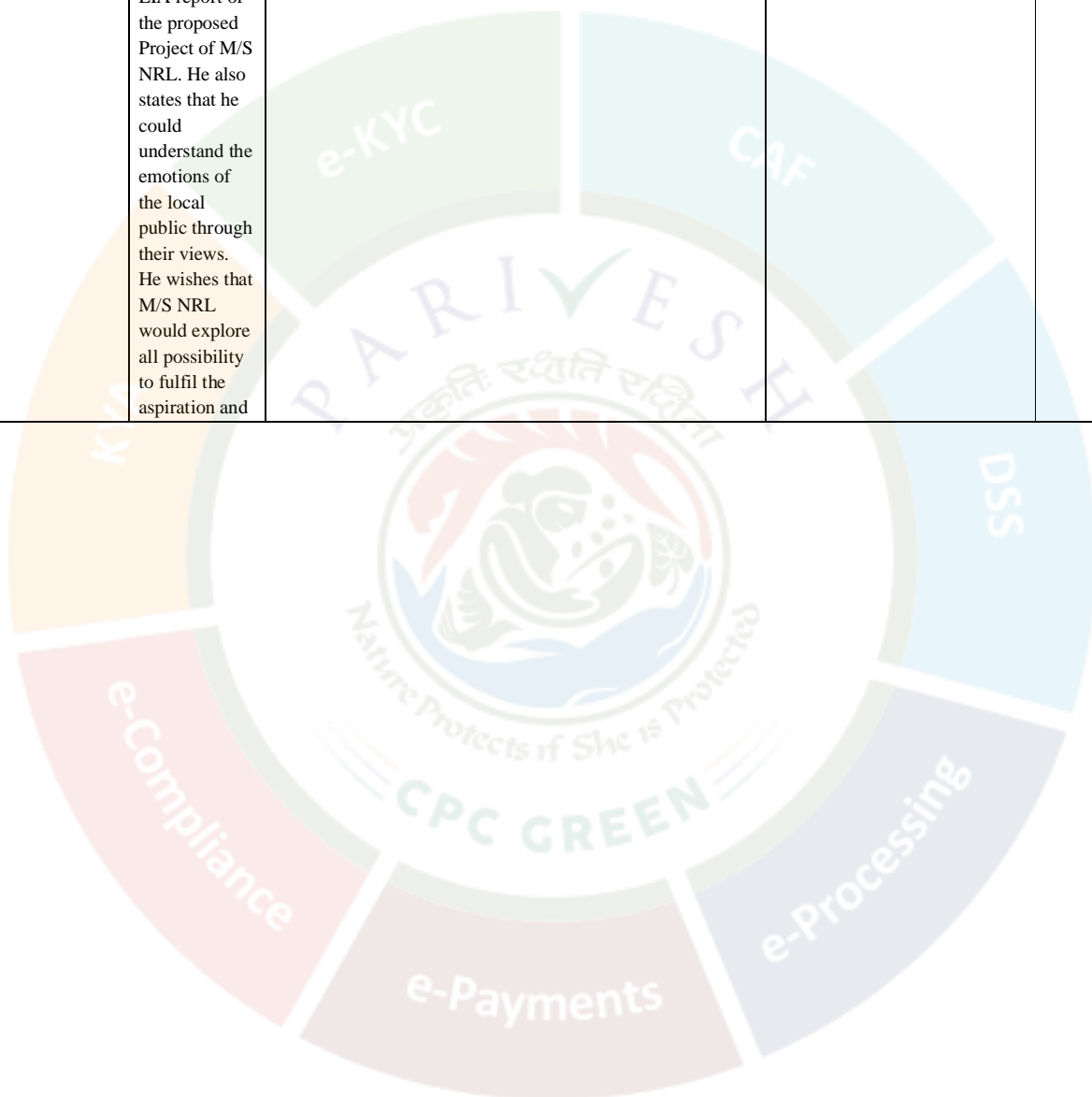


Sl. No	Issue Raised by	Issue	Reply by NRL			Commitment on fund allocation	Timeline						
			Financial Year	Allocation of CSR Funds (Rs. In Cr.)	CSR Expenditure (Rs. In Cr.)								
			2020-21	52.80	53.00								
			2021-22	59.05	74.15								
			2022-23	60.92	64.12								
		NRL must strive in engaging local people in its project and take care of the aspiration of the local people.	Being a Central Govt. PSU, direct employment will be as per applicable law which will be done following proper process and procedure. NRL takes action for preferential engagement of local manpower as per competency in project activities. Tentative percentage engagement of manpower at NREP Project is as below: <table><tr><td>Total Manpower</td><td>Present</td><td>Future</td></tr><tr><td></td><td>6700</td><td>10,000</td></tr></table>			Total Manpower	Present	Future		6700	10,000	N/A N/A NRL is already undertaking income generating schemes and skill development initiatives and budget has already been considered under CSR and CER (NREP). Additionally, fund allocation for the activities for addressing	N/A N/A To be implemented in phase wise manner by 2026
Total Manpower	Present	Future											
	6700	10,000											

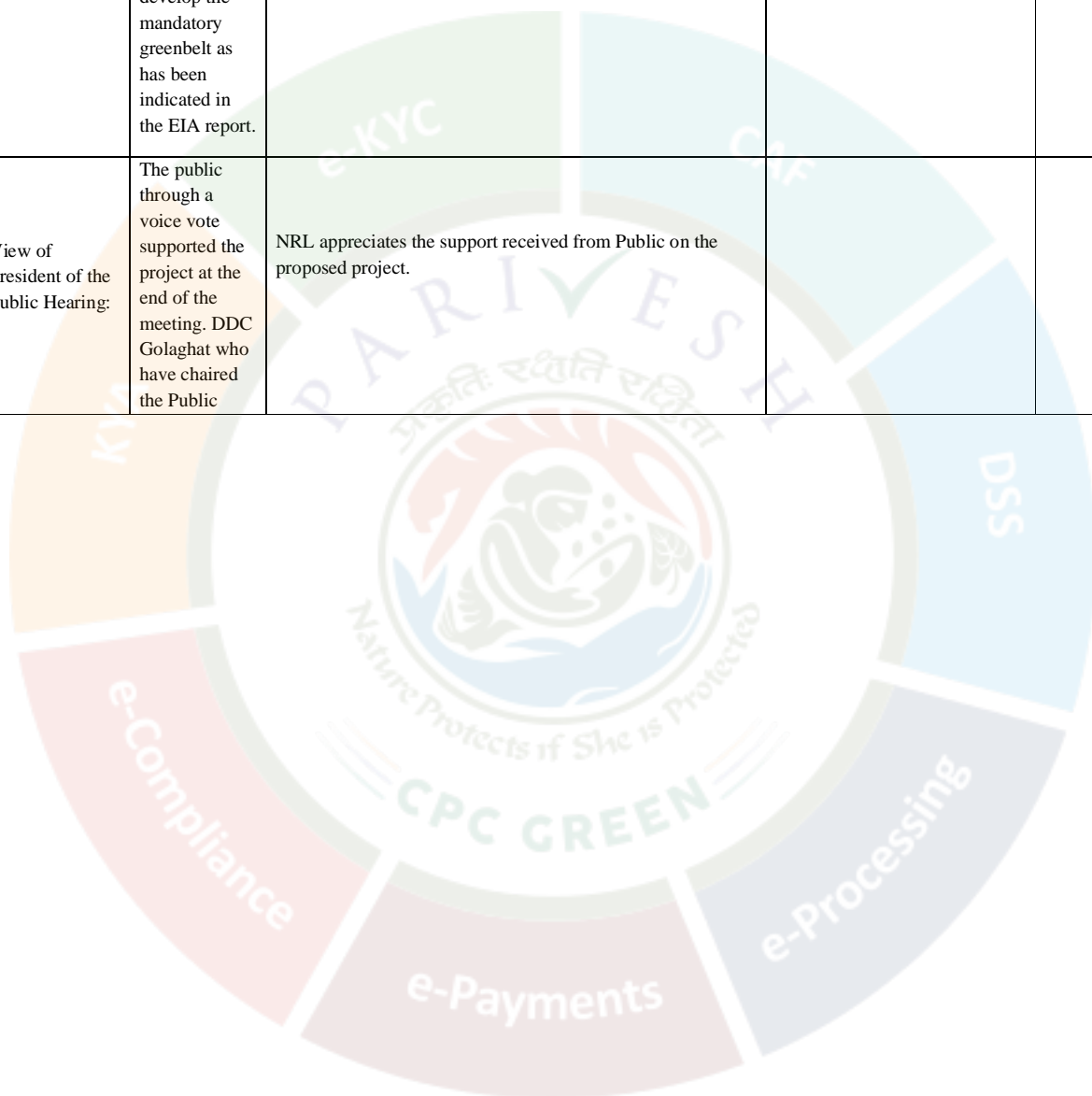
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline																							
			<div><div>From Assam: 4300 (64%)</div><div>From other state: 2400 (36%)</div><div>From Golaghat : 2570 (38%)</div></div> <p>Expected Employment generation due to PPU is as given below:</p> <table><tr><th colspan="2">Description</th><th>Construction Phase</th><th>Operation Phase</th></tr><tr><td rowspan="2">Proposed</td><td>Permanent</td><td>0</td><td>53</td></tr><tr><td>Contract</td><td>1750</td><td>150</td></tr><tr><td colspan="2">Total</td><td>1750</td><td>203</td></tr></table> <p>NRL also takes action to address unemployment problems with the following activities:</p> <p>Income generating schemes for individual/joint liability group/SHG/Farmers groups</p> <p>Employable skilling</p>	Description		Construction Phase	Operation Phase	Proposed	Permanent	0	53	Contract	1750	150	Total		1750	203	<p>unemployment problems is given below:</p> <table><tr><th>Year</th><th>2024-25</th><th>2025-26</th><th>Total</th></tr><tr><td>Budget (in Lakhs)</td><td>50</td><td>50</td><td>100</td></tr></table>	Year	2024-25	2025-26	Total	Budget (in Lakhs)	50	50	100	
Description		Construction Phase	Operation Phase																									
Proposed	Permanent	0	53																									
	Contract	1750	150																									
Total		1750	203																									
Year	2024-25	2025-26	Total																									
Budget (in Lakhs)	50	50	100																									

Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
25	Jatin Phukan, Rajabari:	i. He questioned about Green belt development by NRL.	A Green Belt of width around 100 m surrounding the refinery and around 25 m around the NRMT covering a total area of about 56 hectares already exists. Moreover, Compensatory Afforestation drives in degraded areas has been taken up at NakkatiChapori, Golaghat in 40 hectares area for plantation target of 1,00,000 at a cost of Rs.1 crore and at Kandoli Reserve Forest, Nagaon in 35 hectares for plantation target of 68000 at a cost of Rs.1.97 crore by signing MoU and in coordination with State Forest Division. Total plot area required for the PP Unit and its associated facility is 348093sq.m (34.8 Ha). The plant area is 232821sq.m (23.28Ha) and Greenbelt area is 115272 sq.m (11.52 Ha) i.e, (33.1 % of total area).	Capital Cost of Rs. 207.36 Lakhs and recurring cost of Rs.50 Lakhs has been considered in EMP of PPU for Plantation activities (Trees and Shrubs).	Capital Cost will be spent within 2027 and recurring cost in annual basis.
		ii. He also raised about solid waste management issue at the railway track in NRL premises.	Though the issue mentioned is for NRL premises, but the concern was raised for outside NRL premises and should be taken up by Rail way authority.	-	-
	View Of representative from Pollution	Sri Meghnad Nath, ACEE, the representative	NRL will fulfil all the demands of the local people for sustainable development of the industry and the area. NRL		

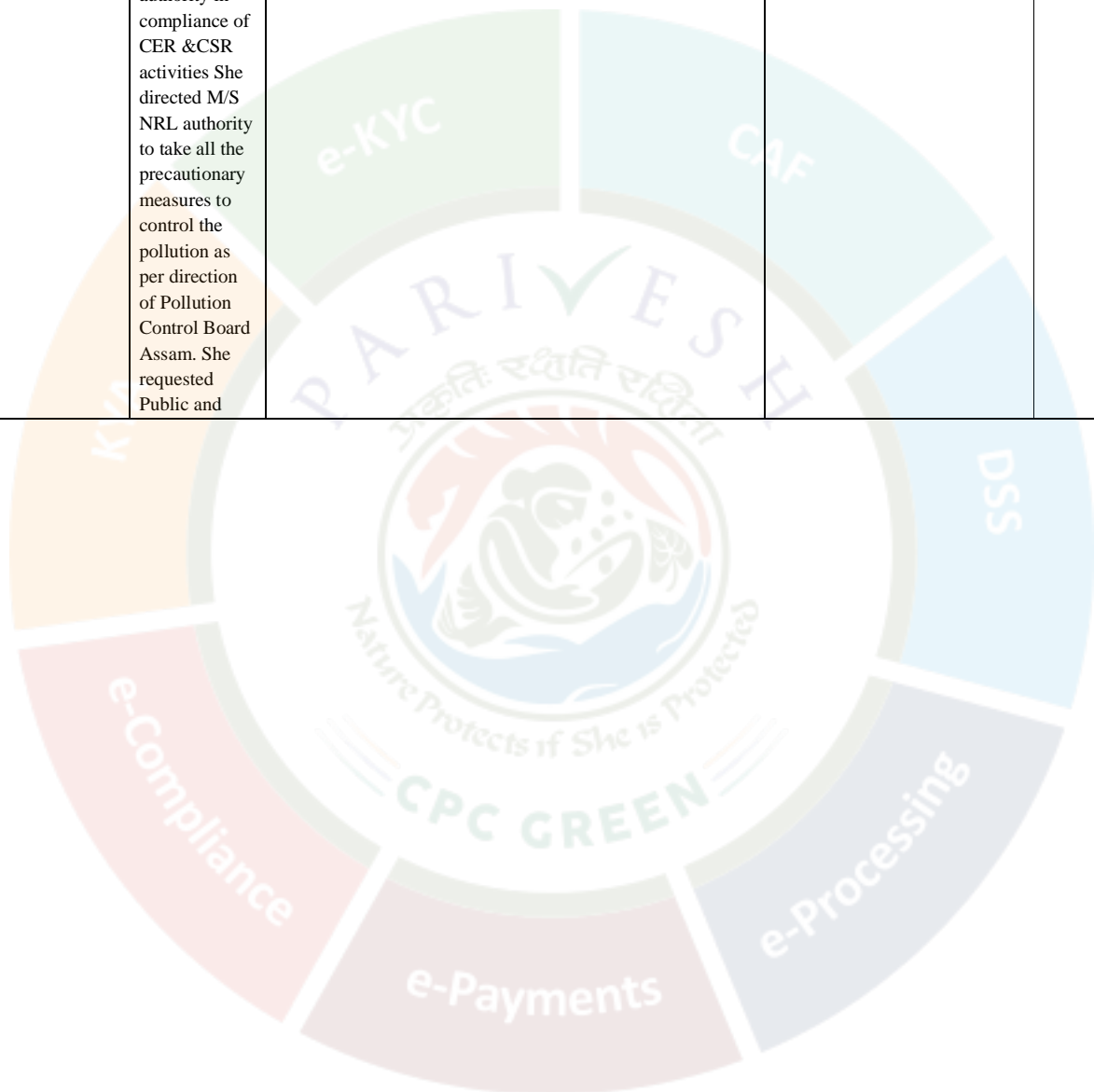
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
	Control Board Assam	from, Pollution Control Board Assam appreciates the public on their views who have thoroughly studied the EIA report of the proposed Project of M/S NRL. He also states that he could understand the emotions of the local public through their views. He wishes that M/S NRL would explore all possibility to fulfil the aspiration and	will also develop the mandatory greenbelt as has been indicated in the EIA report.		



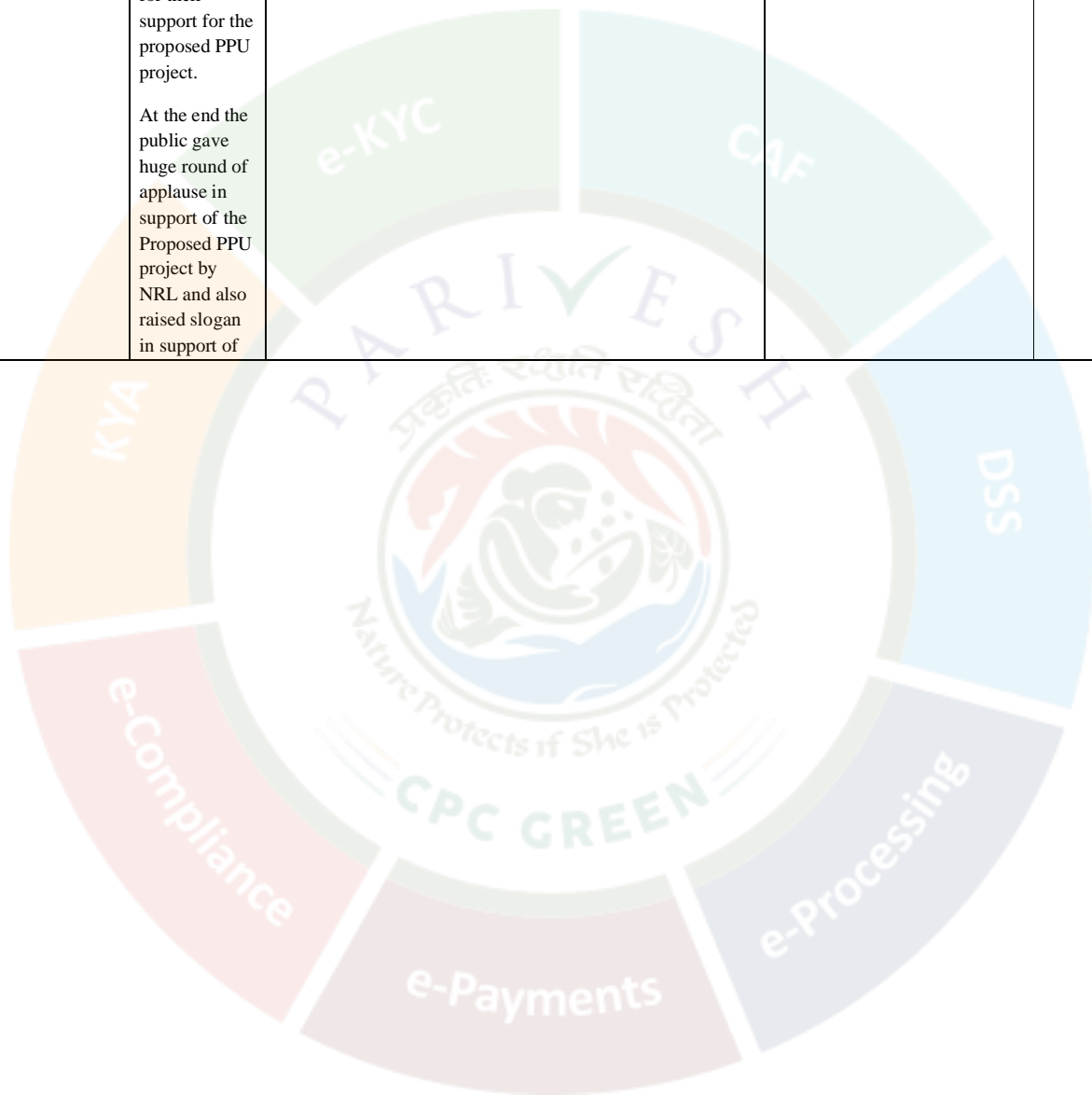
Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		demands of the local people for sustainable development of the industry and the area. M/S NRL is also responsible to develop the mandatory greenbelt as has been indicated in the EIA report.			
	View of President of the Public Hearing:	The public through a voice vote supported the project at the end of the meeting. DDC Golaghat who have chaired the Public	NRL appreciates the support received from Public on the proposed project.		



Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		hearing has assured the public that the Golaghat District Administration would review the compliances by NRL authority in compliance of CER & CSR activities She directed M/S NRL authority to take all the precautionary measures to control the pollution as per direction of Pollution Control Board Assam. She requested Public and			



Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		<p>NRL authority to cooperate each other to make the proposed project success. She offered heartfelt thank to the public for their support for the proposed PPU project.</p> <p>At the end the public gave huge round of applause in support of the Proposed PPU project by NRL and also raised slogan in support of</p>			



Sl. No	Issue Raised by	Issue	Reply by NRL	Commitment on fund allocation	Timeline
		the proposed project.			

