

**GOVERNMENT OF TAMILNADU  
HIGHWAYS DEPARTMENT  
TAMIL NADU ROAD SECTOR PROJECT II**

**REQUEST FOR EXPRESSIONS OF INTEREST - REOI  
(INDEPENDENT AGENCY – SELECTION)**

**Assignment Title :** Engagement of Independent Agency for End Term impact evaluation of Social and Environmental safeguard implementation in projects under TNRSP-II

**Reference No:** IN-TNRSP-ETIE-CS-CQS dated. 09.12.2020.

1. The Government of India has applied for financing from the World Bank towards the cost of the **Tamil Nadu Road Sector Project – II (TNRSP II)**.
2. The Government of Tamil Nadu (GoTN), through the Highways Department, has taken up upgradation, maintenance and improvement of identified core road network in the length of approx. 2079 km in the state. The GoTN has taken up upgrading of about 575 km with financial assistance from the World Bank. In line with the prioritization exercise, a total of fourteen corridors have been selected, aggregating to about 575 km length under Tamil Nadu Road Sector Project Phase 2 (TNRSP- II).
3. The Superintending Engineer (H); Tamil Nadu Road Sector Project II, for and on behalf of the Governor of State of Tamil Nadu, now invites, eligible consulting firms (“Consultants”) to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services.
4. The objectives of the consultancy assignment are to assess: (i) the Project Implementing Entity's implementation of, and general compliance with the Safeguard Documents; (ii) the Social and Environmental impact of Project activities; and (iii) the results of the mitigation or benefit-enhancing measures applied thereto (iv) to assess the realization of objectives set forth in RAPs especially the improvement in the living standards of the affected people in the post land acquisition/resettlement period.

5. The shortlisting criteria are:
  - i. Should have successfully completed at least **three** similar work involving all the components of the services as briefed in para 4
  - ii. Should have successfully completed atleast one similar consulting service works to the tune of **Rs.70 lakhs (total)**.
  - iii. Experience in implementing similar works under the World Bank, ADB, JICA loan assisted projects.
6. Consultants should provide information such as their roles in executing the above services (whether a sole provider or a partner in a joint venture) and provide details of scope of services of each assignment to demonstrate suitability for present assignment. The consultant should provide details on statement of related assignments completed in the last 10 years, supported with completion certificate of the Employer of the services.
7. The completed similar works should have been performed either for Government of India or similar country or Tamil Nadu or other states of India or similar country or for organization of State / Central Government or for projects funded by multilateral agencies like World Bank, Asian Development Bank or bilateral agencies like Japan International Co-operation Agency anywhere.
8. Shall be in a position to deploy required qualified key personnel.
9. The attention of interested Consultants is drawn to paragraph 1.9 of the World Bank's Guidelines: Selection and Employment of Consultants [under IBRD Loans and IDA Credits & Grants] by World Bank Borrowers [January 2011, Revised July 2014] ("Consultant Guidelines"), setting forth the World Bank's policy on conflict of interest.. In addition please refer to the following specific information on conflict of interest related to this assignment.

*"The Consultant engaged for project preparation consultancy services for any of the package/ roads is not eligible to apply for the Supervision Consultancy/ Independent Engineer/ Monitoring Consultancy Services for the same package/ roads during implementations."*
10. Consultants may associate with other firms in the form of a joint venture or a consortium or a sub consultancy to enhance their qualifications.
11. Further information can be obtained at the address below during office hours *i.e.11.00 to 17.00 hours* and also can be downloaded from [www.tnrsp.gov.in](http://www.tnrsp.gov.in).

12. A Consultant will be selected in accordance with the Consultant Guidelines.
13. Expressions of interest along with the credentials of the Consultant must be delivered in a written form to the address below (in person, or by post) by 06.01.2021 upto 15.00 hours.
14. The Tamil Nadu Road Sector Project II reserves the right to shortlist or not to shortlist any or all of the applicant (s) without assigning any reason whatsoever.

**Superintending Engineer,  
Tamil Nadu Road Sector Project II,  
TNMB Building – 1<sup>st</sup> floor,  
171, South Kesavaperumal Puram,  
Off Greenways Road, R.A.puram, Chennai-60028.  
Tamil Nadu. India.  
Tel: 91-44-24951072 Fax: 91-44-24952414  
E-mail:[tnrsp1@gmail.com](mailto:tnrsp1@gmail.com)**

*V. S. 18/12/2020*  
For Project Director,  
TNRSP II,  
*J. 91 18/12/20* Chennai -28.

## Terms of Reference

For

### Engagement of Independent Agency for End Term impact evaluation of Social and Environmental safeguard implementation in projects under TNRSP-II

#### 1. Project Background

The Government of Tamil Nadu (GoTN), through the Highways Department, has taken up upgradation, maintenance and improvement of identified core road network in the length of approx. 2079 km in the state. The GoTN has proposed to take up upgrading of about 575 km with financial assistance from the World Bank. In line with the prioritization exercise, a total of fourteen corridors have been selected, aggregating to about 575 km length under Tamil Nadu Road Sector Project Phase 2 (TNRSP- II). The improvement of 575 km under TNRSP –II involves the strengthening and upgrading of non-standard two-lane roads to 2-lane-with-paved-shoulders / 4-lanes. The details of road under TNRSP-II are given in Table1 below.

Table 1: Details of projects (corridors) under TNRSP-II

S.No	Sub Projects	Length (km)	Existing configuration	Proposed treatment	Status (completed / under construction)
<b>i. Road Up-gradation Works under EPC Contracts – Phase I</b>					
EPC 01	Upgrading Kanchipuram – Vandavasi Road Km14/300 to km 36/700 (SH116)	22.342	2L + ES	2L + PS	completed
	Upgrading Sadras - Chengalpattu - Kancheepuram - Arakkonam - Thiruthani Road km 0/000 to Km 26/811 (SH58)	26.140			
EPC 02	Upgrading Arcot - Villupuram Road (SH4) Km 29/800 to Km 110/165 and Km 113/325 to Km	83.075	2L + ES	2L + PS	completed

S.No	Sub Projects	Length (km)	Existing configuration	Proposed treatment	Status (completed / under construction)
	114/600				
EPC 03	Upgrading Cuddalore - Chittoor Road (SH9) Km 41/700 to Km 44/000 and Km 45/000 to Km 66+190 and construction of a new link road between SH9 and SH137 (Km 66+190 to Km 71+147)	28.45	2L + ES	2L + PS	completed
EPC 04	Upgrading Vridhachalam – Parangipettai Road (SH70) Km 0/000 to Km 35/800	35.80	2L + ES	2L + PS	Balance work in progress
EPC 05	Upgrading Omalur - Sankari - Thiruchengode - Paramathy road (SH86) Km 54/800 to Km 81/000	26.20	2L + ES	2L + PS	completed
EPC 06	Upgrading Malliyakarai - Rasipuram - Trichengode - Erode Road (SH79) Km 0/000 to Km 30/600 and Km 51/400 to Km 71/300	50.50	2L + ES	2L + PS	completed
EPC 07	Upgrading Mohanur – Namakkal – Senthamangalam - Rasipuram Road	13.10	2L + ES	2L + PS	completed

S.No	Sub Projects	Length (km)	Existing configuration	Proposed treatment	Status (completed / under construction)
	(SH95) Km 0/000 to Km 13/100				
EPC 08	Upgrading Nanguneri - Bharatavaram - Ovari Road (SH89) upto ECR junction Km 0/000 to Km 35/200	35.20	2L + ES	2L + PS	completed
EPC 09	Upgrading Paruvakudi - Kovilpatti - Ettayapuram - Vilathikulam – Vembar Road (SH44) Km 22/500 to Km 38/750 and Km 41/300 to Km 56/700	31.650	2L + ES	2L + PS	completed
EPC 10	Upgrading Rajapalayam - Sankarankoil - Tirunelveli Road (SH41) Km 1/800 to Km 28/000 and Km 33/800 to Km 82/800	75.20	2L + ES	2L + PS	completed
	<b>Sub-total i</b>	427.657			
<b>ii. Road Upgradation works under PPP contracts – Phase I</b>					
1	Four laning and strengthening of Mettupalayam - Sathy - Gobi - Erode road (SH15) Km 123/000 to Km 153/600	30.60	2L + ES	4 lane+ PS+ ES	Bidding documents for EPC conversion is in progress
2	Four laning and strengthening of Oddanchatram -	70.20	2L + ES	4 lane+ PS+ ES	completed

S.No	Sub Projects	Length (km)	Existing configuration	Proposed treatment	Status (completed / under construction)
	Dharapuram – Tiruppur road (SH37) Km 37/400 to Km 108/400				
3	Strengthening and widening of Tirunelveli – Tenkasi road (SH39) Km 5/000 to Km 50/600	45.66	2L + ES	4 lane+ PS+ ES	Bidding documents for EPC conversion is in progress
	<b>Sub-total ii</b>	<b>146.46</b>			
<b>iii. Road maintenance under OPRC Contract</b>					
1	Output and performance based contract for the maintenance of Arcot - Tiruvarur corridor	265.3			5 <sup>th</sup> year Maintenance Works in progress.
2	Output and performance based contract for the maintenance of Nagapattinam- Tuticorin corridor	314.24			5 <sup>th</sup> year Maintenance Works in progress.
	<b>Sub-total iii</b>	<b>579.54</b>			
	<b>Total i + ii+iii</b>	<b>1153.657</b>			

Out of the above, 427.657 Km length of road works have been taken up under Engineering Procurement Construction (EPC) mode in 10 packages .Out of 10 packages EPC- 01, 02, 03, 05, 06,07,08,09 and 10 have been completed. EPC 04 has been terminated for non compliance to the rate of progress and EPC 04(BW) 35.8 Km balance work is in progress.

Under Public Private Partnership (PPP) mode, 3 works of 146.44 km length have been taken up to be upgraded for four laning. Out of 3 PPP works, PPP02 works have been completed. Since awarding of other two PPP works i.e., PPP01 and PPP03 was not successful, it is proposed to convert the two PPP works to EPC mode of contract and the preparation of Bidding documents is in progress.

The roads improved under TNRSP I viz. Arcot - Thiruvarur & Nagapattinam - Tuticorin have been taken up for maintenance under Output and Performance Based Maintenance Contracts at a cost of Rs.220.08cr. The actual length of roads is 581.493 km and the maintenance period is for 5 years. One Monitoring Consultant has been engaged to monitor the OPRC contracts. Fourth year maintenance works have been completed and fifth year maintenance work is in progress.

The construction of sub-projects has environmental and social footprints and requisite mitigation and management measures were implemented under TNRSP-II to minimise/mitigate E&S impacts. To evaluate the effectiveness of the mitigation and enhancement measures applied, TNRSP now wishes to engage a consultancy firm to carry out an independent assessment of environmental and social mitigation and management measures implemented under the project and accentuate the positive environmental and social benefits of the project.

## **2. Objectives**

The objectives of the consultancy assignment are to assess: (i) the Project Implementing Entity's implementation of, and general compliance with the Safeguard Documents; (ii) the Social and Environmental impact of Project activities; and (iii) the results of the mitigation or benefit-enhancing measures applied thereto, (iv) to assess the realization of objectives set forth in RAPs especially the improvement in the living standards of the affected people in the post land acquisition/resettlement period.

## **3. Scope of Works**

While undertaking this assignment, the consultant will carry out desk review of various reports, plan consultations with various project's stakeholders and visit various sub-projects that have been completed or are under implementation and assess the compliance of environmental and social aspects during construction, operation and maintenance of EPC , PPP and OPRC projects . The key tasks are elaborated in following sections.

### **➤ A. SOCIAL**

The Key adverse social impacts in this project include loss of about 170 hectare of private land impacting about 7000 land owners and housing and livelihood impacts to more than 1000 families. The details are provided in Annexure I. The scope of impact evaluation of land acquisition and resettlement implementation includes but not limited to the following.



**(a) Socio-economic impacts:**

Compare with the baseline values for key socioeconomic characteristics as available in the road specific RAPs (key socio-economic and demographic information, occupation and income, land ownerships, agriculture and non- agriculture assets, debt, housing conditions and access to basic amenities, etc.) If necessary, for comparison purpose, some data may also be required to be collected on recall basis, if such information is not available in the baseline surveys. In addition, appropriate sample size of similar socio-economic background of controlled population should be covered for comparing the living standards with those of unaffected community. The sample size should be drawn from all roads under the project.

**(b) Compensation payment:**

Cover the compensation related aspects such as its adequacy to replace lost assets, way of spending compensation amounts, etc. The levels of satisfaction with the compensation rates and process for negotiations, court reference cases related to compensation enhancements, compensation rates paid for temple and private lands, etc. will be gathered and analyzed and lessons will be drawn. The study will also look at how the compensation awards are adjusted after the new land acquisition act has been come into force. The study will also consider the court deposits of compensation amounts and will attempt to meet some of those whose compensation amounts are deposited in the court to understand how they have realized the compensation amounts from the courts and draw lessons.

**(c) Land acquisition process:**

The land acquisition related data such as time taken for various stages of private land acquisition reasons for delays, impact of construction due to delay in hand over of the land should be documented and lesson learned should be drawn from the data analyses. The consultant will meet the contractor's representatives to understand the difficulties and challenges faced in not receiving the unencumbered land as per contract provisions. The consultant will also look at the contract time extensions of works contracts to analysis the impact of non-handing over of land as per contract schedules.

**(d) Resettlement process:**

The displaced families were given either alternative housing or cash for the resettlement. Visit to some of the houses both provided by the project or arranged by PAPs themselves on sample basis and report on how these are functioning in term of people's satisfaction, working condition of the basic amenities, quality of houses, issue of pattas, people's adjustment in the sites, etc. The study will also cover those who have reconstructed the houses through self-relocation or repair of the partially affected houses/shops and the outcomes will be documented. The outcome of impact of various economic rehabilitation support provided by the project and relating to house construction grant, support to landless and marginal farmers, economic rehabilitation support etc. will be studied also review the livelihood support received by PAPs and document how its people have utilized the support to improve the income earning level/opportunities of affected person. The study will also review the process followed for redressing the grievances from PAPs and interact with the grievance redress committee members and some the PAPs who have approached the grievance redress mechanisms to assess and document how the grievance redress mechanism worked in the project.

**(e) Impacts to community assets:**

Cover the reconstructed community assets including temples and document on how they are working and quality of those reconstructed facilities' and level of satisfaction from those local people who are using facilities.

**(f) Local employment:**

The civil works contracts in this project have created substantial local employment opportunities. The details regarding the number of man days/ months of jobs were created by various contractors and how the local people benefited from the employment opportunities will also be documented. The study should interview some of the local people who have worked under the contractors to elicit their views and satisfaction with employment conditions, wages and facilities provided by them.

**(g) Implementation Outcomes:**

Document overall implementation outcomes related to land acquisition, resettlement, impacts to both title and nontitle holders, costs incurred for various activities.

staffing, NGOs role, outcome of grievance redress mechanism, etc. The study should also cover some of the grievance cases (both positive and negative) and document the outcomes. The lessons learned, innovations made and challenges faced during the implementation need to be documented. The study based on the impact evaluation findings, will propose any follow-up remedial measures that may be necessary in realization of the objectives of the R&R implementation, as needed. The study should document all outlining land acquisition and resettlement implementation actions and propose measures on how to monitor those outstanding actions beyond the impact evaluation study. The study will also document the good practices and lessons learnt with respect to Social safeguards implementation and management in the project.

➤ **B. Environmental**

- Assess the coverage of issues/ impacts and adequacy of EIAs and EMPs prepared by TNRSP and also by the contractors. The review should identify issues/ impacts that were excluded (if any) in the ESAs, additional mitigation measures or measures that need strengthening and recommend practicable measures to include/improve the management measures.
- Review availability and validity of various environmental statutory clearances or approvals during the duration of project implementation and project's compliance to conditions stipulated in such clearances or approvals.
- Identify and review provisions in contract agreement for environmental management and its compliance by contractor(s) during implementation.
- Verify environmental mitigation and enhancement items in the BOQ and its execution on ground. Apart from documenting compliance with environmental BOQ, the assessment shall discuss the deviations in following the EMPs and corrective measures (project level and in overall process).
- Review adequacy of contractor's environmental management plan (C-EMP) to ensure that:(a) appropriate management process and procedures are in place; (b) that Environmental Safeguards related measures are adequately addressed, and;(c) in the event of a noncompliance, agreed remedial actions are applied and documented.

- Critically review and report the compliance on Bank's recommendations during various supervision missions.
- Examine contractor's protocol and procedures adopted to manage the Environmental impacts and to assess whether they are in compliance with those outlined in the EMP and Contract Agreement. The assessment should endeavour to bring efficacy of such protocol and procedures for overall environmental management during implementation.
- Assess adequacy of provisions in the contract agreement to major environmental non-compliance and corrective actions through authorisation of contract agreement by the Project Engineer (PE) / Project Implementing Unit (PIU) / Project Management Unit (PMU). The necessary recommendation to strengthen provision in the contract agreement should be suggested.
- Review adequacy of resources allocated for Environmental management and recommend improvement or strengthening of existing provisions to ensure environmental measures are effectively implemented.
- Review the current safeguard monitoring and reporting mechanisms in the project. This shall include, quarterly progress reports being submitted by TNRSF to the World Bank, monthly and other status reports submitted by the contractor, Independent Engineer/ Authority Engineer on the implementation of EMP, safety measures and the process adopted by Independent Engineer/ Authority Engineer in identification and mitigation measures during implementation stage. Based on the review of these reports, the consultant will recommend improvements on the quality and content of these reports.
- The consultant shall document the good practices and lessons learnt with respect to Environmental safeguards implementation and management in the sub-projects.
- Evaluate the effectiveness and benefit of mitigation and enhancement measures implemented, which also offset the environmental impacts while keeping in consideration various sustainable development aspects resource efficacy, natural resource management, waste managements, habitat management, common property resources etc.. All evaluation should be supported with quantitative data to highlight environmental benefits.

- The findings of the review and independent assessment should include compliance, non-compliance, best practices, and Environmental benefits of mitigation and enhancement measures along with the name of the agency responsible for each of the above. The report should be provided with quantitative data as an attachment to the main report. In case of non-compliance, the consultants should recommend action need to be undertaken in future /ongoing contracts.

#### 4. Inputs to be provided by the Client

A copy of the EMF, EIA/SIA, EMP/RAP, C-EMP, contractor/IE/AE progress reports, or any other available documents relevant to independent assessment of compliance to E&S safeguards will be provided by the TNRSP.

#### 5. Team Composition:

The professional should engage support staff as needed to carry out the household surveys, consultations, data processing/ Analysis etc. The sample survey should cover all contract packages across roads developed under TNRSP-II. The data and findings should be made road wise and overall impact separately under roads developed TNRSP-II.

Although the social and environmental components of the report are developed separately, final assessment should be presented as a consolidated document that covers these two areas.

SNo	Key Professional	No. of Persons	Experience
<b>Key Professionals</b>			
1	Environmental Specialist	1	Post graduate in Environmental Engineering/ Environment Science/ Environment Planning with 10 years of experience in <b>impact evaluation of Environmental Safe guard implementation.</b>

SNo	Key Professional	No. of Persons	Experience
2	Social Development Specialist	1	Post graduate in Social work/ Sociology/ Social Development / Social science with 10 years of experience in conducting land acquisition and resettlement studies including impact evaluation studies.
<b>Field and Support Staff</b>			
1	Field Coordinator (Environmental)	1	Graduate in Environmental Engineering/ Environment Science/ Environment Planning with 3 years of experience in environmental assessment of projects.
2	Field Coordinator (Social)	1	Graduate in Social work/ Sociology/ Social Development / planning with 3 years of experience implementation of Social assessment of projects.
3	Field staff (Environmental)	2	Graduate in any discipline with knowledge and experience in Environment assesment. fluent in Tamil and English.
4	Field staff (Social)	4	Graduate in any discipline with knowledge and experience in census and socio-economic surveys, fluent in Tamil and English with mix of both men and women.
5	Data Entry Operator	2	Graduate with knowledge in database management and fluent in Tamil and English.

**6. Deliverables**

The consultant shall submit a report of all the tasks mentioned in the scope in Inception reports. The deliverables should include a separate reports on social and environmental or with separate sections in case of combined report, Draft conformity Report and Consolidated Final project closure report. The reports shall also be submitted in electronic format (Hard Disk) in addition to the hard copies mentioned above. The Consultant should prepare and submit the reports as required by World Bank during Project loan closure.

Inception report should include establishing baseline socio – economic characteristics of PAPs based on information available in RAPs to allow the consultants to design the appropriate questionnaires for the study and also propose suitable methodology to be followed for the study. The outline of the report should also be provided in the inception report. The use of differential survey techniques and consultation methods in the context of COVID restrictions should be indicated in the methodology. All the draft reports will be reviewed by both TNRSP and the World Bank. The consultants will also make a presentation on findings and conclusions, if required. studied.

## 7. Payment Schedule

MILESTONE	Time line	No of copies	Payment Schedule
Submission & acceptance of Inception Report with Detailed Approach and Work Plan	Within 15 days from Agreement	6	10% of contract value
Submission & acceptance of Draft Conformity Report.	Within 90 days from the Agreement	6	40% of contract value
Submission & acceptance of Final Report	Within 120 days from the Agreement	6	40% of contract value
Documents/Reports required by World Bank in connection with Project loan closure report by the World Bank.	At the end of the project		10% of contract value
<b>Total</b>			100% of contract value

The Consultant is also required to support the client during the Project Loan closure by the World Bank. The Consultant is required to furnish relevant reports and update various reports to the satisfaction of the World Bank during the project closure.

## 8. Duration of Assignment

The duration of the assignment will be 5 months.

V. S. S. 9/12/2020  
 For Project Director,  
 TNRSP II,  
 Chennai -28.  
 09/12/2020

TNRSP II Annexure to Background Note

Package	Road Name	Land Acquisition		Title Holder			Non Title Holder			Common property Resource		
		LA in Hecture	No of Land Owner Affected	Loss of Residential	Loss of Commercial	Loss of Residential cum commercial	Major impact		Minor impact		Nos	No. of CPSS paid with Replacement Cost
							Residential	Commercial	Kiosk			
EPC 01	Upgrading Kanchipuram – Vandavasi Road (SH-116) Km. 14+300 to Km. 36+700 and Seeras to Chengaipattu – Kanchipuram – Arakkonam – Thirubhani Road (SH-58) Km. 0+000 to Km. 26+811 in the State of TamilNadu	5.0085	439	4	4	0	7	23	22	33	23	23
EPC 02	Upgrading Arcot– Villupuram Road (SH-4) Km. 29+000 to Km. 110+165 and Km 113+325 to Km 114+600 in the State of Tamilnadu	7.8544	623	4	31	0	110	77	42	234	16	16
EPC 03	Upgrading Cuddalore – Chittoor Road (SH9) km 41700 to km 44/000 and km 45/000 to km 66+190 and construction of new link between SH9 and SH 137 (km 66+190 to km 71+147) in the State of Tamilnadu	15.0733	424	8	2	0	23	13	41	109	22	22
EPC 04	Upgrading Vridhdachalam – Perangipetrai Road (SH-70) Km.0+000 to Km.35+800 in the State of Tamil Nadu	5.1081	563	43	8	0	233	42	10	288	37	37
EPC 05	Upgrading Omalur – Senkari – Thiruchengode - Paramathy Road (SH 86) Km 54/800 to Km 81/000	3.7579	321	4	2	0	3	0	3	103	3	2



Package	Road Name	Land Acquisition		Title Holder			Non Title Holder				Common Property Resource	
		L.A in Hectare	No of Land Owner Affected*	Loss of Residential	Loss of Commercial	Loss of Residential cum commercial	Major impact		Minor impact		Nos	No.of CPRs paid with Replacement Cost
							Residential	Commercial	Kiosk			
EPC 06	Upgrading Mailliyakarai - Rasipuram - Thiruchengode - Erode Road (SH79) from Km 0/000 to Km 30/600 & Km 51/400 to Km 71/500	8.2148	606	16	8	0	38	53	12	225	6	6
EPC 07	Upgrading of Mohanur - Namakkal - Senthamangalam - Rasipuram Road (SH 95) from Km 0/000 to Km 13/100	0.187	9	0	0	0	13	2	2	80	0	0
EPC 08	Upgrading Nanguneri to Ebnaravaram Ovari (SH-89) upto ECR Junction from km 0/000 to 33/200 in Tirunelveli District.	16.2312	454	0	0	0	1	8	9	132	16	15
EPC 09	Upgrading Paruvakudi - Kovilpatti - Eneyapuram - Vilathikulam- Vembar Road (SH-41) km22/500 to km 38/750 and km41/200 to km 56/700	2.607	119	7	0	0	1	30	29	90	17	16
EPC 10	Upgrading Rajapalayam - Senkaraikovil Tirunelveli (SH - 41) from Km 1-800 to Km 28+000 and Km.33+800 to Km.82+800	4.5529	418	3	1	0	6	53	45	290	53	50

Package	Road Name	Land Acquisition		Title Holder			Non Title Holder			Common Property Resource			
		LA in Hectare	No of Land Owner Affected*	Loss of Residential	Loss of Commercial	Loss of Residential cum commercial	Major impact		Minor impact	Nos	No. of CPRs paid with Replacement Cost		
							Residential	Commercial				Kiosk	
PPP-01	Four Lining of Gobi - Erode Section of SH-15 ("The Project State Highway") from Km 123+000 to km 153+600 in the State of Tamil Nadu under TNRS-P-II to be executed on Design, Build, Finance, Operate, Maintain and Transfer (DBFOMT) on Modified Annuity Basis.	10.0725	254	1	3	0	0	26	4	1	78	45	0
PPP-02	Four lining of Odanchatram - Dharpuram - Avinashipalayam section of SH-37 ("The Project State Highway") from Km 37+400 to Km 108+400 in the State of Tamil Nadu under TNRS-P-II	71.285	1779	55	21	0	0	29	37	17	195	44	43
PPP-03	Strengthening and Widening (Four Lane) of Tirunelveli - Sengottai - Kollam Road of SH-39 ("The Project State Highway") from Km 5+000 to Km 50+600 in the State of Tamil Nadu under TNRS-P-II to be executed on Design, Build, Finance, Operate, Maintain and Transfer (DBFOMT) on Modified Annuity Basis	19.1368	1079	9	20	2	0	0	5	53	85	44	33
<b>Total</b>		169.0997	7073	152	100	2	0	490	347	266	1942	326	264

\* Awards pronounced as on 25.11.2020

