

**15 -ാം കേരള നിയമസഭ**

**2 -ാം സമ്മേളനം**

**നക്ഷത്രചിഹ്നമിട്ട ചോദ്യം നം. 222**

**02-08-2021 - ൽ മറുപടിയ്ക്ക്**

**റോഡ് നിർമ്മാണ പദ്ധതികൾ**

ചോദ്യം	ഉത്തരം
<p align="center"><b>ശ്രീ ജി സ്റ്റീഫൻ, ശ്രീ വി കെ പ്രശാന്ത്, ശ്രീ ഡി കെ മുരളി, ശ്രീമതി ഒ എസ് അംബിക</b></p>	<p align="center"><b>Shri P. A. Mohamed Riyas (പൊതുമരാമത്ത്-വിനോദസഞ്ചാര വകുപ്പ് മന്ത്രി)</b></p>
<p>(എ) തിരുവനന്തപുരം-പാരിപ്പള്ളി റിംഗ് റോഡ് പോലുള്ള വൻകിട പദ്ധതികൾ വിഭാവനം ചെയ്ത് മുന്നോട്ടുപോകുകയും തീരദേശ-മലയോര ഹൈവേകൾ പോലുള്ള ബൃഹദ് പദ്ധതികൾ നിർവ്വഹണ ഘട്ടത്തിൽ ആയിരിക്കുകയും ചെയ്യുന്ന പശ്ചാത്തലത്തിൽ ഇത്തരം പദ്ധതികൾ സമയബന്ധിതമായി പൂർത്തിയാക്കുന്നുവെന്നുറപ്പ് വരുത്താൻ പൊതുമരാമത്ത് വകുപ്പിന്റെ പ്രവർത്തനങ്ങൾ ശാക്തീകരിക്കുന്നതിന് സീകരിക്കാൻ ഉദ്ദേശിക്കുന്ന നവീകരണ, വിപുലീകരണ പ്രവർത്തനങ്ങൾ എന്തെല്ലാമാണ്;</p>	<p>(എ) വൻകിട പദ്ധതികൾ സമയബന്ധിതമായി നടപ്പിലാക്കുന്നതിനായി ക്രിയാത്മകമായ നടപടികൾ സ്വീകരിച്ചിട്ടുണ്ട്. കിഫ്ബി ഫണ്ട് ഉപയോഗിച്ച് വൻകിട റോഡ് നിർമ്മാണ പ്രവൃത്തികൾ നടപ്പിലാക്കുന്നതിനായി സ്പെഷ്യൽ പർപ്പസ് വെഹിക്കിൾ (എസ്.പി.വി) ആയി കെ.ആർ.എഫ്.ബി പ്രോജക്ട് മാനേജ്മെന്റ് യൂണിറ്റ് സ്ഥാപിച്ചിരുന്നു. നിലവിൽ കിഫ്ബിയിൽ ഉൾപ്പെടുന്ന നിർമ്മാണ പ്രവൃത്തികളുടെ നടത്തിപ്പിനായി കെ.ആർ.എഫ്.ബി യുടെ പി.എം.യു വിഭാഗം ഫീൽഡ് തലത്തിലും രൂപീകരിച്ചിട്ടുണ്ട്. വൻകിട റോഡ് പദ്ധതികൾ പൂർത്തീകരിക്കുന്നതിനായി നേരിട്ട പ്രധാന തടസ്സങ്ങൾ സ്ഥല ലഭ്യത, നിലവിലെ റോഡുകളിൽ നിന്ന് കെ.എസ്.ഇ.ബി, കെ.ഡബ്ല്യു.എ അടക്കമുള്ള സ്ഥാപനങ്ങളുടെ യൂട്ടിലിറ്റികൾ മാറ്റി സ്ഥാപിക്കുക തുടങ്ങിയവയാണ്. നിലവിൽ റോഡ് കഴിക്കുന്നതിനുള്ള അനുമതികൾ എല്ലാതന്നെ റൈറ്റ് ഓഫ് വേ (RoW) പോർട്ടൽ മുഖേനയാണ് നൽകി വരുന്നത്. ഈ പോർട്ടലിൽ നിരത്ത് വിഭാഗത്തിനു കീഴിൽ ഭരണാനുമതി ലഭിച്ചിട്ടുള്ള ക്രമീകരിക്കേണ്ട പ്രവൃത്തികളുടെ വിശദാംശങ്ങൾ പ്രസിദ്ധപ്പെടുത്തുക വഴി മറ്റ് വകുപ്പുകൾക്ക് ആവശ്യം വേണ്ടുന്ന മുന്നൊരുക്കം നടത്തുവാനും റോഡ് കഴിക്കുന്ന പ്രവൃത്തികൾ സമയബന്ധിതമായി ക്രമീകരിക്കുന്നതിനും സാധിക്കുന്നതാണ്.</p>
<p>(ബി) റോഡ് ഡിസൈനിംഗ് വിംഗ് ആധുനികീകരിക്കാൻ നടപടിയെടുത്തിട്ടുണ്ടോ;</p>	<p>(ബി) ഡിസൈൻ വിംഗ് നവീകരിക്കുന്നതിന്റെ ഭാഗമായി 10/04/2017 ലെ ജി.ഒ(എം.എസ്) 24/2017/ പി.ഡബ്ല്യു.ഡി പ്രകാരം 2018 - ൽ ഹൈവേ ഡിസൈൻ യൂണിറ്റ്, പ്രോജക്ട് പ്രിപ്പറേഷൻ യൂണിറ്റ് എന്നീ വിംഗുകൾ ചീഫ് ഡിസൈൻ ഓഫീസിലും</p>

		<p>എറണാകുളം, കോഴിക്കോട് എന്നീ ജില്ലകളിൽ റീജിയണൽ ഡിസൈൻ ഓഫീസുകളും രൂപീകരിച്ചിട്ടുണ്ട്. ഡിസൈൻ വിംഗിന്റെ കീഴിൽ വരുന്ന പ്രോജക്ടുകൾ സമയബന്ധിതമായും കൃത്യമായും ചെയ്തു കൊടുക്കുന്നതിന് വേണ്ടി civil 3D, Open roads, IIT Pave എന്നീ നൂതന സോഫ്റ്റ്‌വെയറുകളിൽ വൈദഗ്ദ്ധ്യം വർദ്ധിപ്പിക്കുന്നതിന് ആവശ്യമായ പരിശീലനം തിരുവനന്തപുരം, കോഴിക്കോട്, എറണാകുളം എന്നീ ഓഫീസുകളിലെ എഞ്ചിനീയർമാർക്ക് നൽകുകയുണ്ടായി. ഇതിലൂടെ ശാസ്ത്രീയമായി റോഡിന്റെ രൂപകല്പന ചെയ്യുവാനും എസ്റ്റിമേറ്റ് എടുക്കുവാനും, മിനിമം സോഷ്യൽ ഇംപാക്ട് വരുന്ന രീതിയിലും റോഡ് ഡിസൈനുകൾ ചെയ്യുവാനും സാധിക്കുന്നു.</p>
(സി)	<p>നിരന്തുനിർമ്മാണത്തിന് പ്രയോജനപ്പെടുത്തുന്ന നവീന സാങ്കേതിക വിദ്യകൾ എന്തെല്ലാമാണെന്ന് വ്യക്തമാക്കാമോ?</p>	<p>(സി) നിരന്തു നിർമ്മാണത്തിനാവശ്യമായ നൂതന സാങ്കേതിക വിദ്യകൾ ഉൾക്കൊണ്ടുകൊണ്ട് റോഡുകൾ നിർമ്മിക്കുന്നതിനുള്ള നടപടികൾ സ്വീകരിച്ചിട്ടുണ്ട്. പ്രധാനപ്പെട്ട എല്ലാ റോഡുകളും മണ്ണിന്റെ ഘടന, ഭൂഗർഭ ജലനിരപ്പ്, കാലാവസ്ഥ വ്യതിയാനങ്ങൾ എന്നിവയെല്ലാം കണക്കിലെടുത്ത് ഡിസൈൻ ചെയ്ത് ബി.എം &amp; ബി.സി പോലുള്ള നവീന രീതികൾ ഉപയോഗിച്ചാണ് നിർമ്മിക്കുന്നത്. ആയതിനാൽ തന്നെ ഈ റോഡുകൾ 10 മുതൽ 15 വർഷങ്ങൾ വരെ ദീർഘകാലം ഈടുനിൽക്കുന്നവയാണ്. റോഡ് നിർമ്മാണ വേളയിൽ തന്നെ പ്രധാന പ്രവൃത്തികളിൽ സ്ഥലലഭ്യതയനുസരിച്ച് കേരള വാട്ടർ അതോറിറ്റി, കെ.എസ്.ഇ.ബി, ടെലി കമ്മ്യൂണിക്കേഷൻസ് തുടങ്ങിയവയുടെ പൈപ്പുകൾ, കേബിളുകൾ എന്നിവയ്ക്കായി ഡക്റ്റുകൾ, നിർമ്മിക്കുന്നതിനാൽ നിർമ്മാണശേഷം റോഡ് വെട്ടിപ്പൊളിക്കുന്നത് ഒഴിവാക്കുവാൻ സാധിക്കുന്നു. കൂടാതെ റോഡുകളിൽ മഴവെള്ളം സുഗമമായി ഒഴുക്കിപ്പോകുന്നതിന് ആവശ്യമായ ഓടകൾ, കലുങ്കുകൾ, കാൽനടയാത്രക്കാരുടെ സൗകര്യം കണക്കിലെടുത്ത് എട്ട് പാത്തുകൾ, മറ്റ് റോഡ് സുരക്ഷാ ക്രമീകരണങ്ങൾ എന്നിവയും ശാസ്ത്രീയമായ രീതിയിൽ നിർമ്മിക്കുന്നുണ്ട്. വെള്ളക്കെട്ടുണ്ടാകുന്ന സ്ഥലങ്ങൾക്കനുയോജ്യമായ വൈറ്റ് ടോപ്പിംഗ് നിർമ്മാണ രീതി നടപ്പിലാക്കി വരുന്നു. കൂടാതെ നിലവിലുള്ള റോഡ് വെട്ടിയെടുത്ത് സിമന്റും പ്രത്യേക തരം പൾവറൈസും ചേർത്ത് കുഴച്ച് ഈ ഭാഗത്തു തന്നെ പുനർനിർമ്മിക്കുന്ന തിനായി ഉപയോഗിക്കുകയും ചെയ്യുന്ന എൾഡെപ്റ്റ് റിക്ലമേഷൻ ടെക്നോളജി പരീക്ഷണാടിസ്ഥാനത്തിൽ</p>

കേരളത്തിൽ നടപ്പിലാക്കിയിട്ടുണ്ട്. ഇതു വഴി പ്രകൃതി വിഭവങ്ങളുടെ ചൂഷണം വലിയ അളവിൽ കുറയ്ക്കുന്നതിനും സാധിക്കുന്നു. പരിസ്ഥിതി സൗഹൃദമായ രീതിയിൽ റോഡ് നിർമ്മിക്കുന്നതിന് പ്രാമുഖ്യം നൽകിക്കൊണ്ട് സ്വാഭാവിക റബ്ബർ, കയർ - ഭൂവസ്ത്രം, ഉപയോഗശൂന്യമായ പ്ലാസ്റ്റിക് എന്നിവയും റോഡ് നിർമ്മാണത്തിൽ ഉപയോഗിച്ചു വരുന്നു. സാങ്കേതിക രംഗത്തെ നവീന ആശയങ്ങളെ കുറിച്ച് ബോധവൽക്കരണം നൽകുന്നതിനും കാര്യശേഷി വർദ്ധിപ്പിക്കുന്നതിനും വേണ്ടി ഉദ്യോഗസ്ഥർക്ക് പരിശീലന പരിപാടികളും ശില്പശാലകളും സംഘടിപ്പിച്ചു വരികയും ചെയ്യുന്നുണ്ട്

സെക്ഷൻ ഓഫീസർ



**GOVERNMENT OF KERALA**

**Abstract**

**PWD- Establishment- Strengthening of Design Wing and Investigation & Quality Control Wing - Deployment of Posts- Sanctioned- Orders issued.**

**PUBLIC WORKS (A) DEPARTMENT**

**G.O.(Ms)No. 24/2017/PWD Dated, Thiruvananthapuram, 10/04/2017**

Read: 1. G.O.(Ms)No.15/2017/PWD dated 23-02-2017.

2. Letter No.CE/HRD/GEN/2012 dated 16-03-2017 from the Chief Engineer [Design & Administration], Public Works Department, Thiruvananthapuram.

**ORDER**

As per the Government Order read above sanction has been accorded for the strengthening of Design Wing and Investigation & Quality Control Wing of Public Works Department by the formation of seven design units at the Chief Design Office by reconstituting the existing three units and by the setting up of two Regional Design Offices at Ernakulam and Kozhikode. Sanction has also been accorded for the formation a new Regional Investigation & Quality Control Lab at Thiruvananthapuram in addition to the existing Regional Investigation and Quality Control Laboratories at Ernakulam and Kozhikode and for the formation of Investigation Units in all three Regional Investigation and Quality Control Labs together with redesignation of posts.

[2] As per the letter read above, the Chief Engineer [Design & Administration] has submitted the proposal for deployment of posts to Design Wing and Quality Control Wing. Government have examined the matter in detail and pleased to accord sanction for the deployment of the posts as detailed in Annexure I & II appended to this order.

(By order of the Governor)

**SELVARAJAN L**

**JOINT SECRETARY**

To:- The Chief Engineer [Design & Administration], Public Works Department, Thiruvananthapuram.  
The Chief Engineer [Roads & Bridges/ Buildings/ NH], Public Works Department, Thiruvananthapuram.  
The Principal Accountant General (Audit), Kerala, Thiruvananthapuram.  
The Principal Accountant General (A&E), Kerala, Thiruvananthapuram/ Thrissur.  
The Information Officer [Web & New Media].  
Stock File/ Office Copy.

Forwarded/By order

  
Section Officer

**ANNEXURE - I**

**DETAILS OF POSTS TO BE REDESIGNATED, DEPLOYED AND CREATED FOR DESIGN WING**

Sl. No.	Name of post	Cadre	Post to be Redesignated/ Deployed/ Created	Total strength
<b>A. CHIEF DESIGN OFFICE, THIRUVANANTHAPURAM</b>				
1	Chief Engineer (Design)	Chief Engineer	Existing post retained.	1
2	Director (Highways)	Superintending Engineer	Existing post of Director (I&QC), DRIQ, O/o the CE(D&A), Tvpm.	1
3	Director (Buildings)	Superintending Engineer	Superintending Engineer, PMT, KSTP, Tvpm. Deployed.	1
4	Confidential Assistant		Existing post retained.	1
5	Clerk/Senior Clerk		5 posts deployed from NH Bypass SubDivision No.-2, Tvpm.	7
6	UD/LD Typist		2 posts deployed from NH Bypass SubDivision No.-2., Tvpm.	4
7	Driver		1 post deployed from NH Bypass SubDivision No. -2., Tvpm.	2
8	Office Attendant		2 posts deployed from NH Bypass SubDivision No.- 2., Tvpm.	3
9	P.T. Sweeper		1 post deployed from NH Bypass SubDivision No. - 2., Tvpm.	2
<b>A.1. PROJECT PREPARATION UNIT</b>				
1	Joint Director	Executive Engineer	Existing post of Joint Director, PPU, DRIQ, O/o CE(D&A), Tvpm. retained.	1
2	Deputy Director	Asst. Executive Engineer	a) 3 posts of Asst. Executive Engineer, O/o the CE(R&B), Tvpm. deployed. b) 1 post of Asst. Executive Engineer deployed from O/o the SE, KSTP, Kottarakkara. c) 1 post of Asst, Executive Engineer deployed from KSTP, Kuttipuram.	5

Sl. No.	Name of post	Cadre	Post to be Redesignated/ Deployed/ Created	Total strength
3	Assistant Director	Asst. Engineer	a) Existing 5 posts of Asst. Director, PPU, O/o the CE(D&A), Tvpm. deployed. b) 2 posts of Asst. Engineer deployed from PMT, KSTP, Tvpm. c) 1 post of Asst. Engineer, Environmental Cell, O/o of the CE(R&B), Tvpm. deployed d) 3 posts of Asst. Engineer deployed from O/o the EE, KSTP, Kottarakkara. e) 2 posts of Asst. Engineer deployed from O/o of the EE, KSTP, Muvattupuzha. f) 1 post of Asst. Engineer deployed from O/o the CE(R&B), Tvpm.	14
4	Quantity Surveyor (1st Grade Draftsman)		a) 4 posts deployed from O/o the CE(NH), Tvpm. b) 3 posts deployed from O/o the CE(R&B), Tvpm. c) 3 posts deployed from GIS & RMMS, O/o the CE(R&B), Tvpm. d) 3 posts deployed from NH Bypass SubDivision.-2, Tvpm. e) 1 post deployed from O/o the SE(Buildings) South Circle, Tvpm.	14
5	Blue Printer		1 post deployed from Roads Division Kollam.	1
6	Office Attendant		Existing 1 post retained.	1
<b>A.2. STRUCTURAL DESIGN UNIT</b>				
1	Senior Structural Engineer	Executive Engineer	Existing 1 post of Joint Director, Buildings, DRIQ, O/o the CE(D&A), Tvpm. redesignated.	1
2	Structural Engineer	Asst. Executive Engineer	a) Existing 5 posts of Deputy Director, Buildings, DRIQ, O/o the CE(D&A), Tvpm. redesignated. b) 1 post of Asst. Executive Engineer deployed from O/o the EE, KSTP, Kuttipuram. c) 1 post of Asst. Executive Engineer deployed from NH Bypass Sub. Division-2, Tvpm.	7

Sl. No.	Name of post	Cadre	Post to be Redesignated/ Deployed/ Created	Total strength
3	Assistant Structural Engineer	Asst. Engineer	a) Existing 7 posts of Asst. Director, Buildings, DRIQ, O/o the CE(A&D), Tvpm. redesignated. b) 6 posts of Asst. Engineer deployed from O/o the EE, KSTP, Kuttipuram. c) 1 post of Asst. Engineer deployed from O/o the EE, Churam Roads Division, Vadakara.	14
4	1st Grade Draftsman		Existing 4 posts retained.	4
5	2nd Grade Draftsman		a) 2 posts deployed from O/o the CE(R&B), Tvpm. b) 2 posts deployed from O/o the SE(Buildings), South Circle, Tvpm. c) 1 post deployed from NH QC SubDivision, Ernakulam.	5
6	3rd Grade Draftsman		a) Existing 3 posts retained. b) 4 posts deployed from NH Bypass SubDivision-2, Tvpm.	7
7	Blue Printer		Existing 2 posts retained.	2
8	Office Attendant		Existing 1 post retained.	1
<b>A.3. BRIDGE DESIGN UNIT</b>				
1	Senior Bridge Engineer	Executive Engineer	Existing post of Joint Director, Highways, DRIQ, O/o the CE (D&A), Tvpm. redesignated.	1
2	Bridge Engineer	Asst. Executive Engineer	Existing 4 posts of Deputy Director, Highways, DRIQ, O/o the CE(D&A), Tvpm. redesignated.	4
3	Assistant Bridge Engineer	Asst. Engineer	a) Existing 8 posts of Asst. Director, Highways, DRIQ, O/o the CE(D&A), Tvpm. are redesignated. b) 1 post of Asst. Engineer deployed from O/o the EE, KSTP, Kannur. c) 1 post of Asst. Engineer deployed from O/o the EE, Churam Roads Division, Vadakara. d) 1 post of Asst. Engineer deployed from ISAP, Road Safety Cell, CE(R&B), Tvpm. e) 1 post of Asst. Engineer deployed from O/o the EE, KSTP, Moovattupuzha.	12
4	1st Grade Draftsman		Existing 4 posts retained.	4

Sl. No.	Name of post	Cadre	Post to be Redesignated/ Deployed/ Created	Total strength
5	2nd Grade Draftsman		a) Existing 2 posts retained. b) 3 posts deployed from NH Bypass SubDivision-2, Tvpm.	5
6	3rd Grade Draftsman		a) 2 posts deployed from Bridges section, Punalur. b) 1 post deployed from NH Bypass subDivision-1, Tvpm.	3
7	Blue Printer		a) Existing 1 post retained. b) 1 post deployed from Building Division, Tvpm.	2
8	Office Attendant		Existing 1 post retained.	1
<b>A.4. HIGHWAY DESIGN UNIT</b>				
1	Senior Highway Engineer	Executive Engineer	Executive Engineer-3, Planning, O/o the CE(R&B), Tvpm. deployed.	1
2	Highway Engineer	Asst. Executive Engineer	a) 1 post of Asst. Executive Engineer, Policy Guide Line, O/o the CE(R&B), Tvpm. deployed. b) 1 post of Asst. Executive Engineer, Quality Management, O/o the CE(R&B), Tvpm. deployed. c) 1 post of Asst. Executive Engineer deployed from PMT, KSTP, Tvpm.	3
3	Assistant Highway Engineer	Asst. Engineer	a) 1 post of Asst. Director, Computer cell, DRIQ, O/o the CE(D&A), Tvpm. redesignated. b) 1 post of Asst. Engineer deployed from O/o the EE, KSTP, Kannur. c) 1 post of Asst. Engineer deployed from O/o the EE, KSTP, Kuttippuram. d) 4 posts of Asst. Engineer deployed from O/o the EE, KSTP, Ponkunnam. e) 2 posts of Asst. Engineer to be deployed from O/o the EE, NH Division, Kodungallur. f) 2 posts of Asst. Engineer deployed from O/o the EE, NH subDivision, Chavakkad. g) 1 post of Asst. Engineer deployed from NH QC SubDivision, Ernakulam.	12



Sl. No.	Name of post	Cadre	Post to be Redesignated/ Deployed/ Created	Total strength
4	1st Grade Draftsman		a) 1 post deployed from NH Division, Tvpm. b) 1 post deployed from Roads Division, Kollam.	2
5	2nd Grade Draftsman		a) 2 posts deployed from O/o the SE R&B South Circle, Tvpm. b) 2 posts deployed from NH QC SubDivision, Ernakulam. c) 2 posts deployed from NH Bypass subDivision-1, Tvpm.	6
6	3rd Grade Draftsman		4 posts deployed from NH Mechanical SubDivision, Alapuzha.	4
7	Blue Printer		1 post deployed from O/o the SE, R&B South Circle, Tvpm.	1
8	Office Attendant		1 post deployed from O/o the SE, R&B South Circle, Tvpm.	1
<b>A.5. GEOTECHNICAL ENGINEERING UNIT</b>				
1	Senior Geotechnical Engineer	Executive Engineer	1 post of Executive Engineer, Social and Legal, O/o the CE(R&B), Tvpm. deployed.	1
2	Geotechnical Engineer	Asst. Executive Engineer	a) 1 post of Asst. Executive Engineer, NH Investigation SubDivision, Thalassery deployed. b) 1 post of Asst. Executive Engineer deployed from O/o the EE; KSTP, Kannur.	2
3	Blue Printer		1 post deployed from Buildings South Circle, Tvpm.	1
<b>A.6. ENVIRONMENTAL ENGINEERING UNIT</b>				
1	Senior Environmental Engineer	Executive Engineer	1 post of Executive Engineer, Environmental Cell, O/o of the CE(R&B), Tvpm. deployed.	1
2	Environmental Engineer	Asst. Executive Engineer	2 posts of Asst. Executive Engineer, Environmental Cell, O/o of the CE(R&B), Tvpm. deployed.	2
3	Blue Printer		1 post deployed from Special Buildings Division, Tvpm.	1
<b>A.7. MEP DESIGN UNIT</b>				
1	Deputy Director (MEP)	Asst. Executive Engineer	1 post of Asst. Executive Engineer, NH Mechanical Sub Division, Alappuzha deployed.	1
2	Assistant Electrical Design Engineer	Asst. Engineer	3 posts of Asst. Engineer (Electrical) created.	3

Sl. No.	Name of post	Cadre	Post to be Redesignated/ Deployed/ Created	Total strength
3	Assistant Plumbing Design Engineer	Asst. Engineer	a) 1 post of Asst. Engineer, NH Mechanical Sub Division, Alappuzha deployed. b) 1 posts of Asst. Engineer, Environmental Cell, O/o of the CE(R&B), Tvpm. deployed.	2
4	Assistant HVAC Engineer	Asst. Engineer	2 posts of AE, NH Mechanical Sub Division, Alappuzha. deployed.	2
5	Draftsman 1st Grade		3 posts deployed from NH Mechanical SubDivision, Alappuzha.	3
6	Draftsman 2nd Grade		5 posts deployed from NH Mechanical SubDivision, Alappuzha.	5
7	Blue Printer		1 post deployed from O/o the SE, NH South Circle, Tvpm.	1
8	Office Attendant		1 post deployed from NH Mechanical Sub Dvn., Alappuzha.	1
<b>B. REGIONAL DESIGN OFFICE, ERNAKULAM</b>				
1	Joint Director <i>Asst. Executive Engineer</i>	Executive Engineer	1 post of Executive Engineer, RMU-1, O/o the CE(R&B), Tvpm. deployed.	1
2	Deputy Director	Asst. Executive Engineer	1 post of Asst. Executive Engineer deployed from O/o the SE, R&B Central Circle, Aluva.	1
3	Structural Engineer	Asst. Executive Engineer	1 post of Asst. Executive Engineer deployed from O/o the SE, Building Central Circle, Aluva.	1
4	Bridge Engineer	Asst. Executive Engineer	1 post of Asst. Executive Engineer deployed from O/o the SE, NH Central Circle, Aluva.	1
5	Highway Engineer	Asst. Executive Engineer	1 post of Asst. Executive Engineer deployed from NH QC SubDivision, Ernakulam.	1
6	Assistant Director	Asst. Engineer	1 post of Asst. Engineer created.	1
7	Assistant Structural Engineer	Asst. Engineer	3 posts of Asst. Engineer created.	3
8	Assistant Bridge Engineer	Asst. Engineer	2 posts of Asst. Engineer created.	3
9	Assistant Highway Engineer	Asst. Engineer	2 posts of Asst. Engineer created.	2

Sl. No.	Name of post	Cadre	Post to be Redesignated/ Deployed/ Created	Total strength
10	Quantity Surveyor (1st Grade Draftsman)		a) 1 post deployed from NHQC Lab, Ernakulam. b) 1 post deployed from O/o the SE, R&B Central Circle, Aluva. c) 1 post deployed from Roads Division, Moovattupuzha. d) 1 post deployed from Roads Division, Thrissur.	4
11	1st Grade Draftsman		a) 2 posts deployed from Roads Division, Idukki. b) 1 posts deployed from O/o the SE NH Central Circle, Vyttila, Ekm.	3
12	2nd Grade Draftsman		a) 2 posts deployed from NH Division, Kodungalloor. b) 1 post deployed from Roads Division, Ernakulam. c) 1 post deployed from Roads Division, Muvattupuzha. d) 1 post deployed from Roads Division, Thrissur.	5
13	Blue Brinter		a) 1 post deployed from Roads Division, Ernakulam. b) 1 post deployed from NH Central Circle, Ernakulam.	2
14	Office Attendant		1 post deployed from NHQC Sub Division, Thrissur.	1
15	PT Sweeper		1 post deployed from NH Mechanical Sub Division, Alappuzha.	1
<b>C. REGIONAL DESIGN OFFICE, KOZHICKODE</b>				
1	Joint Director	Executive Engineer	1 post of Executive Engineer, Roads Division, Vatakara. Deployed.	1
2	Deputy Director	Asst. Executive Engineer	1 post of Asst. Executive Engineer NH QC Sub Division, Thrissur deployed.	1
3	Structural Engineer	Asst. Executive Engineer	1 post of Asst. Executive Engineer deployed from Buildings North Circle, Kozhikkode.	1
4	Bridge Engineer	Asst. Executive Engineer	1 post of Asst. Executive Engineer deployed from O/o the SE NH North Circle, Kozhikkode.	1
5	Highway Engineer	Asst. Executive Engineer	1 post of Asst. Executive Engineer deployed from O/o the SE, R&B North Circle, Kozhikkode.	1

Sl. No.	Name of post	Cadre	Post to be Redesignated/ Deployed/ Created	Total strength
6	Assistant Director	Asst. Engineer	1 post of Asst. Engineer deployed NH SubDivision, Kasargod.	1
7	Assistant Structural Engineer	Asst. Engineer	3 posts of Asst. Engineer created.	3
8	Assistant Bridge Engineer	Asst. Engineer	2 posts of Asst. Engineer created.	2
9	Assistant Highway Engineer	Asst. Engineer	2 posts of Asst. Engineer created.	2
10	Quantity Surveyor (1st Grade Draftsman)		a) 2 posts deployed from O/o the SE R&B North Circle, Kozhikkode. b) 1 post deployed from Roads Division, Kozhikkode. c) 1 post deployed from Roads Division, Palakkad.	4
11	1st Grade Draftsman		a) 1 post deployed from Roads Division, Manjeri. b) 1 post deployed from Roads Division, Kelpatta. c) 1 post deployed from Roads Division, Kannur.	3
12	2nd Grade Draftsman		a) 1 post deployed from NH Sub Division, Kozhikkod. b) 1 post deployed from NH SubDivision, Koduvally. c) 1 post deployed from NH Bypass SubDivision, Kozhikkod. d) 1 post deployed from NH SubDivision, Kuttippuram. e) 1 post deployed from NH SubDivision, Perinthalmanna.	5
13	Blue Brinter		a) 1 post deployed from Building Division, Kozhikkode. b) 1 post deployed from Roads Division, Kozhikkode.	2
14	Office Attendant		1 post deployed from NH Mechanical Sub Dvn., Alappuzha.	1
15	PT Sweeper		1 post deployed from NH QC Sub Division, Thrissur.	1

**ANNEXURE - II**

**DETAILS OF POSTS TO BE REDESIGNATED, DEPLOYED FOR I&QC WING**

Sl. No	Name of post	Cadre	Post to be Redesignated/ Deployed	Total strength
<b>A. CHIEF DESIGN OFFICE, THIRUVANANTHAPURAM</b>				
1	Director (RI&QC)	Superintending Engineer	Existing Director (R&PPU) redesignated.	1
2	Deputy Director (QC Monitoring)	Asst. Executive Engineer	Existing Deputy Director (Computer cell) redesignated.	1
3	Clerk/Senior Clerk		1 No. deployed from Environmental cell, O/o the CE(R&B), Tvpm.	1
4	Office Attendant		1 post deployed from NH Mechanical SubDivision, Alappuzha.	1
<b>B. REGIONAL INVESTIGATION &amp; QUALITY CONTROL LABORATORY, TVPM</b>				
1	Executive Engineer	Executive Engineer	1 post of Executive Engineer, RMU-2, O/o the CE(R&B), Tvpm. deployed.	1
<b>1. Quality Control Unit</b>				
2	Material Engineer	Asst. Executive Engineer	1 post of Asst. Executive Engineer, O/o the SE, NH South Circle, Tvpm. deployed.	1
3	Assistant Material Engineer	Asst. Engineer	2 posts of Asst. Engineer, NH Bypass No.2, Tvpm. deployed.	2
4	1st Grade Draftsman		a) 1 post of 1st Gr. D'man from Bridges Section, Punalur deployed. b) 1 post of 1st Gr. D'man from Roads Division, Pathanamthitta deployed. c) 1 post of 1st Gr. D'man from Roads Division, Kottayam deployed.	3
5	2nd Grade Draftsman		a) 1 post of 2nd Gr. D'man from NH SubDivision, Tvpm. deployed. b) 1 post of 2nd Gr. D'man from NH Bypass SubDivision No.-1, Tvpm. deployed. c) 1 post of 2nd Gr. D'man from NH SubDivision, Kollam deployed.	3
6	3rd Grade Draftsman		a) 1 post deployed from NH Bypass SubDivision No.1, Tvpm. b) 1 post deployed from NH Bypass SubDivision, Kollam.	2

Sl No	Name of post	Cadre	Post to be Redesignated/ Deployed	Total strength
7	SLR		a) 2 posts deployed from NH Bypass SubDivision No.2, Tvpm. b) 2 posts deployed from NH QC SubDivision, Ernakulam. c) 2 posts deployed from NH Mechanical SubDivision, Alappuzha. 2 posts deployed from NH d) SubDivision, Punalur.	8
8	Clerk/Senior Clerk		2 posts deployed from NHQC SubDivision, Ernakulam.	2
9	LD/UD Typist		1 post deployed from NH Mechanical SubDivision, Alappuzha	1
10	Driver		1 post of Driver deployed from NH QC SubDivision, Ernakulam.	1
11	Office Attendant		1 post of OA deployed from NH Bypass SubDivision-2, Tvpm.	1
12	Watchman		1 post of OA deployed from NH Bypass SubDivision No.1, Tvpm. and converted into Watchman.	1
13	P.T. Sweeper		1 post deployed from NH QC SubDivisio, Ernakulam.	1
<b>2. Investigation Unit</b>				
1	Geotechnical Engineer	Asst. Executive Engineer	1 post of Asst. Executive Engineer, O/o the SE, R&B Circle, Tvpm. deployed.	1
2	Assistant Geotechnical Engineer	Asst. Engineer	2 posts of Asst. Engineer from NH Investigation SubDivision, Thalasserry deployed.	2
3	Assistant Traffic Engineer	Asst. Engineer	1 post of Asst. Engineer, Bridges Section, Punalur deployed.	1
4	Assistant Engineer (Investigation)	Asst. Engineer	2 posts of Asst. Engineer NH QC SubDivision, Thrissur deployed.	2
5	1st Grade Draftsman		2 posts deployed from NH QC SubDivision, Ernakulam.	2

Sl. No	Name of post	Cadre	Post to be Redesignated/ Deployed	Total strength
6	2nd Grade Draftsman		a) 2 posts deployed from NH QC SubDivision, Ernakulam. b) 1 post deployed from Roads Division, Kollam. c) 1 post deployed from Roads Division, Pathanamthitta. d) 1 post deployed from Roads Division, Kottayam. e) 1 post deployed from NH SubDivision, Kollam. f) 1 post deployed from NH SubDivision, Alappuzha g) 1 post deployed from NH SubDivision, Punalur.	8
7	3rd Grade Draftsman		1 post deployed from NH QC SubDivision, Ernakulam.	1
8	Blue Printer		a) 1 post deployed from Roads Division, Tvpm. b) 1 post deployed from Building Division, Kollam. c) 1 post deployed from Roads Division, Alappuzha d) 1 post deployed from Roads Division, Kottayam e) 1 post deployed from Building Division, Kottayam.	5
9	Clerk/Senior Clerk		1 post deployed from NHQC SubDivision, Ernakulam.	1
10	LD/UD Typist		1 post deployed from NH Mechanical SubDivision, Alappuzha	1
11	Office Attendant		1 post deployed from NH QC SubDivision, Ernakulam.	1
12	Watchman		1 post deployed from NH QC SubDivision, Ernakulam.	1
<b>B.1. DISTRICT QUALITY CONTROL LABORATORY, KOLLAM</b>				
1	Material Engineer	Asst. Executive Engineer	Existing post of Asst. Executive Engineer, Dist. QC Lab, Kollam redesignated.	1
2	Assistant Material Engineer	Asst. Engineer	Existing 2 posts of Asst. Engineer, Dist. QC Lab, Kollam redesignated.	2
<b>B.2. DISTRICT QUALITY CONTROL LABORATORY, ALAPUZHA</b>				
1	Material Engineer	Asst. Executive Engineer	Existing post of Asst. Executive Engineer, Dist. QC Lab, Alappuzha redesignated.	1

Sl. No	Name of post	Cadre	Post to be Redesignated/ Deployed	Total strength
2	Assistant Material Engineer	Asst. Engineer	Existing 2 posts of Asst. Engineer, Dist. QC Lab, Alappuzha redesignated.	2
<b>B.3. DISTRICT QUALITY CONTROL LABORATORY, PATHANAMTHITTA</b>				
1	Material Engineer	Asst. Executive Engineer	Existing post of Asst. Executive Engineer, Dist. QC Lab, Pathanamthitta redesignated.	1
2	Assistant Material Engineer	Asst. Engineer	Existing 2 posts of Asst. Engineer, Dist. QC Lab, Pathanamthitta redesignated.	2
<b>C. REGIONAL INVESTIGATION &amp; QUALITY CONTROL LABORATORY, ERNAKULAM</b>				
	Executive Engineer	Executive Engineer	Existing post of EE retained.	1
<b>1. Quality Control Unit</b>				
1	Material Engineer	Asst. Executive Engineer	Existing post of Asst. Executive Engineer, Dist. QC Lab, Ernakulam redesignated.	1
2	Assistant Material Engineer	Asst. Engineer	Existing 2 posts of Asst. Engineer, Dist. QC Lab, Ernakulam redesignated.	2
<b>2. Investigation Unit</b>				
1	Geotechnical Engineer	Asst. Executive Engineer	1 post of Asst. Executive Engineer, O/o the SE, Buildings South Circle, Tvpm. deployed.	1
2	Assistant Geotechnical Engineer	Asst. Engineer	2 posts of Asst. Engineer, NH QC SubDivision, Ernakulam deployed.	2
3	Assistant Traffic Engineer	Asst. Engineer	1 post of Asst. Engineer, NH QC SubDivision, Ernakulam deployed.	1
4	Assistant Engineer (Investigation)	Asst. Engineer	a) 1 post of Asst Engineer, O/o the SE, NH North Circle, Kozhikkode deployed. b) 1 post of Asst. Engineer, NH SubDivision, Kuttipuram deployed.	2
5	1st Grade Draftsman		a) 1 post deployed from NH Division, Moovattupuzha. b) 1 post deployed from NH Division, Kodungallur.	2



Sl. No	Name of post	Cadre	Post to be Redesignated/ Deployed	Total strength
6	2nd Grade Draftsman		a) 1 post deployed from NH SubDivision, Ernakulam b) 1 post deployed from NH SubDivision, Devikulam c) 1 post deployed from NH SubDivision, Kothamangalam d) 1 post deployed from NH SubDivision, Kanjirapalli e) 1 post deployed from NH SubDivision, Aluva f) 1 post deployed from NH SubDivision, Chavakkadu g) 1 post deployed from NH SubDivision, North Paraur h) 1 post deployed from O/o the SE, R&B Central Circle, Aluva.	8
7	3rd Grade Draftsman		1 post deployed from NH QC SubDivision, Ernakulam.	1
8	Blue Printer		a) 1 post deployed from Roads Division, Pathanamthitta. b) 1 post deployed from Building Division, Pathanamthitta c) 1 post deployed from Roads Division, Idukki. d) 1 post deployed from Roads Division, Thrissur e) 1 post deployed from Building Division, Palakkad.	5
9	Clerk/Senior Clerk		1 post deployed from Churam Roads Division, Vatakara.	1
10	LD/UD Typist		1 post deployed from NH QC SubDivision, Ernakulam.	1
11	Driver		1 post deployed from NH Mechanical SubDivision.	1
12	Office Attendant		1 post deployed from NH QC SubDivision, Ernakulam.	1
13	Watchman		1 post deployed from Roads Division, Vatakara.	1
<b>C.1. DISTRICT QUALITY CONTROL LABORATORY, KOTTAYAM</b>				
1	Material Engineer	Asst. Executive Engineer	Existing post of Asst. Executive Engineer, Dist. QC Lab, Kottayam redesignated.	1
2	Assistant Material Engineer	Asst. Engineer	Existing 2 posts of Asst. Engineer, Dist. QC Lab, Kottayam redesignated.	2

Sl. No	Name of post	Cadre	Post to be Redesignated/ Deployed	Total strength
<b>C.2. DISTRICT QUALITY CONTROL LABORATORY, THODUPUZHA</b>				
1	Material Engineer	Asst. Executive Engineer	Existing post of Asst. Executive Engineer, Dist. QC Lab, Thodupuzha redesignated.	1
2	Assistant Material Engineer	Asst. Engineer	Existing 2 posts of Asst. Engineer, Dist. QC Lab, Thodupuzha redesignated.	2
<b>C.3. DISTRICT QUALITY CONTROL LABORATORY, THRISSUR</b>				
1	Material Engineer	Asst. Executive Engineer	Existing post of Asst. Executive Engineer, Dist. QC Lab, Thrissur redesignated.	1
2	Assistant Material Engineer	Asst. Engineer	Existing 2 posts of Asst. Engineer, Dist. QC Lab, Thrissur redesignated.	2
<b>C.4. DISTRICT QUALITY CONTROL LABORATORY, PALAKKAD</b>				
1	Material Engineer	Asst. Executive Engineer	Existing post of Asst. Executive Engineer, Dist. QC Lab, Thrissur redesignated.	1
2	Assistant Material Engineer	Asst. Engineer	Existing 2 posts of Asst. Engineer, Dist. QC Lab, Thrissur redesignated.	2
<b>D. REGIONAL INVESTIGATION &amp; QUALITY CONTROL LABORATORY, KOZHICKODE</b>				
	Executive Engineer	Executive Engineer	Existing post of EE is to be retained.	1
<b>1. Quality Control Unit</b>				
1	Material Engineer	Asst. Executive Engineer	Existing post of Asst. Executive Engineer, Dist. QC Lab, Kozhikkode redesignated.	1
2	Assistant Material Engineer	Asst. Engineer	Existing 2 posts of Asst. Engineer, Dist. QC Lab, Kozhikkode redesignated.	2
<b>2. Investigation Unit</b>				
1	Geotechnical Engineer	Asst. Executive Engineer	1 post of Asst. Executive Engineer, O/o of the EE, Roads Division, Vatakara deployed.	1
2	Assistant Geotechnical Engineer	Asst. Engineer	a) 1 post of Asst. Engineer deployed from NH SubDivision, Kannur. b) 1 post of Asst. Engineer deployed from O/o EE, NH Division, Kannur.	2
3	Assistant Traffic Engineer	Asst. Engineer	1 post of Asst. Engineer deployed from NH SubDivision, Thalassery.	1
4	Assistant Engineer (Investigation)	Asst. Engineer	a) 1 post of Asst. Engineer deployed from NH Bypass SubDivision, Kozhikkode. 1 post of Asst. Engineer deployed from b) O/o the EE, NH Division, Kozhikkode.	2

Sl. No	Name of post	Cadre	Post to be Redesignated/ Deployed	Total strength
5	1st Grade Draftsman		a) 1 post deployed from NH Division, Kozhikkod. b) 1 post deployed from NH Division, Kannur	2
6	2nd Grade Draftsman		a) 1 post deployed from NH Division, Malappuram. b) 2 posts deployed from O/o the SE, R&B North Circle, Kozhikkode. c) 2 posts deployed from Churam Roads Division, Vatakara d) 1 post deployed from NH SubDivision, Thalasserry e) 1 post deployed from NH SubDivision, Kannur f) 1 post deployed from NH SubDivision, Kasargod.	8
7	3rd Grade Draftsman		1 post deployed from NH QC SubDivision, Ernakulam.	1
8	Blue Printer		a) 1 post deployed from NH North Circle, Kozhikkode. b) 1 post deployed from Building Division, Malappuram. c) 1 post deployed from Roads Divisionn Manjeri. d) 1 post deployed from Roads Division, Kalpetta. e) 1 post deployed from Roads Division, Kannur.	5
9	Clerk/Senior Clerk		1 post deployed from Roads Division, Vatakara	1
10	LD/UD Typist		1 post deployed from NH QC SubDivision, Ernakulam.	1
11	Driver		1 post deployed from NH QC SubDivision, Thrissur.	1
12	Office Attendant		1 post deployed from Churam Roads Division, Vatakara.	1
13	Watchman		1 post deployed from Churam Roads Division, Vatakara.	1

Sl. No	Name of post	Cadre	Post to be Redesignated/ Deployed	Total strength
<b>D.1 DISTRICT QUALITY CONTROL LABORATORY, MALAPPURAM</b>				
1	Material Engineer	Asst. Executive Engineer	Existing post of Asst. Eexecutive Engineer, Dist. QC Lab, Kozhikkode redesignated.	1
2	Assistant Material Engineer	Asst. Engineer	Existing 2 posts of Asst. Engineer, Dist. QC Lab, Kozhikkode redesignated.	2
<b>D.2. DISTRICT QUALITY CONTROL LABORATORY, WAYANAD</b>				
1	Material Engineer	Asst. Executive Engineer	Existing post of Asst. Eexecutive Engineer, Dist. QC Lab, Kozhikkode redesignated.	1
2	Assistant Material Engineer	Asst. Engineer	Existing 2 posts of Asst. Engineer, Dist. QC Lab, Kozhikkode redesignated.	2
<b>D.3 DISTRICT QUALITY CONTROL LABORATORY, KANNUR</b>				
1	Material Engineer	Asst. Executive Engineer	Existing post of Asst. Eexecutive Engineer, Dist. QC Lab, Kozhikkode redesignated.	1
2	Assistant Material Engineer	Asst. Engineer	Existing 2 posts of Asst. Engineer, Dist. QC Lab, Kozhikkode redesignated.	2
<b>D.4 DISTRICT QUALITY CONTROL LABORATORY, KASARAGOD</b>				
1	Material Engineer	Asst. Executive Engineer	Existing post of Asst. Eexecutive Engineer, Dist. QC Lab, Kozhikkode redesignated.	1
2	Assistant Material Engineer	Asst. Engineer	Existing 2 posts of Asst. Engineer, Dist. QC Lab, Kozhikkode redesignated.	2