APPENDIX B-5

CURRICULUM VITAE

PROPOSED POSITION	:	**Bridge & Structure Engineer**
NAME OF FIRM	:	**T.P.F Engineering Pvt. Ltd.**
NAME OF STAFF	:	**Rajeev Nayan Sinha**
PROFESSION	:	**Civil Engineering**
DATE OF BIRTH	:	01. Jan. 1967
YEARS WITH FIRM/ENTITY	:	Available for assignment **Nationality:** Indian
CONTACT ADDRESS	:	C/O Late Ram Jiwan Sinha, Jay Prakash Nagar, P.O.- Patna G.P.O P.S.-Jakkanpur Patna – 800001, Bihar
PHONE NO.	:	08473903705
MEMBERSHIP OF PROFESSIONAL SOCIETIES	:	Nil
DETAILED TASK ASSIGNED	:	

S.No	Name of Employer	Post Held	Project Name	Period		Assignment in the Project	Client of the Project	Remark
				From	To			
REFER EMPLOYMENT RECORD								

EDUCATION :

- B.E. (Civil) from College of Engineering & Technology, Bijapur, Karnataka in 1992 (Karnataka University)

  Other training:

  - Attended training program on **"Quality Control Techniques in Modern Highway & Bridge Construction"** organized by STUP Consultants Ltd. in association with IRCON International Ltd. at Patna in 2007
  - MS-Office (Word & Excel)
  -

KEY QUALIFICATIONS :

I am a Graduate in Civil Engineering having more than **26 years of rich and varied** experience in construction and construction supervision of Bridges, ROBs, flyovers, culverts and other structures in various highway and building sector projects. Modern construction methodology has been following in construction/ supervision of structures in these projects .My responsibilities include checking / reviewing the design and drawings of Bridges , culverts and other structures and making modifications considered necessary in the field using computer applications , setting out of works of bridges ,ROBs, flyovers, culverts and other structures , review of work program, Method statement and construction methodology, Preparation / checking of Quality Assurance System and Quality Management Plan, Checking the deployment of resources like men, materials, machinery and equipment as per contract agreement . Checking and controlling of concrete mix design ,supervise laying / compaction of concrete , ensuring full quality control of works during execution ; Strictly monitoring the progress of works using modern management Techniques ; checking the measurement of completed works ; Verification of contractor's bill and assisting the Team Leader in the preparation of Interim Payment Certificates , My experience covers major and minor bridges, slab culverts in concrete with open / well / Pile foundations, superstructure by precast / cast-in-situconstruction using launching girder, involving Indian Roads Congress design codes of Practice for various types of bridges, MoRT&H and other internationally accepted specifications. Well versed with modern bridge construction technology.

EMPLOYMENT RECORD :

From: June 2017	**To: Till date**
Employer	**T.P.F. Engineering Pvt. Ltd., Vashi, Navi Mumbai**
Position Held	**Bridge& Structure Engineer**

Replacement of Super Structure of Existing Four Lane Mahatma Gandhi Setu over Ganga River on NH-19 From Km. 212.72 to Km. 218.295 in the state of Bihar on EPC mode.

Year: June 2017 – Till date.

Project Cost:

INR 1382.40Crores

Location: Patna, Bihar

Client: Ministry of Road Transport & Highways, New Delhi, India

Project Details: Length: 5.575Km,

Bridges supervised are:

Name of Bridge	Length	Span Arrangement	Foundation	Type of Structure
Major Bridge	**5.575 Km**	1x66.80 + 45x121.0 +1 x 63.20m	-	Steel Bridge with steel through Truss and steel composite Girder

Position Held : **BridgeEngineer**

As a **Bridge Engineer**, responsible for construction supervision of dismantling of superstructure of the existing bridge in land and water spans and construction supervision of the new replaced superstructure of the bridge. Review of work program and review of dismantling methodologies of superstructure. Review of erection methodologies of steel through truss for simply supported 47x2 = 94 Nos. spans, review of construction methodologies and drawings of ancillary structures, quality control and quality assurance. Supervises and monitors dismantling and construction of bridge as per working drawings, installation of bearings and expansion joints. Checking of camber of erected steel through truss. Checking tilt & shift, installation of piles and load test. Maintenance of bridges including safety and traffic diversion etc. Checking and approving the material used for the project, issues site instructions, Conducting meetings with the staff, monitoring the progress of the work with the approved program. Incorporating minor modification in design whenever required during execution.

From: Apr. 2013	**To: May 2017**
Employer	M/s. Intercontinental Consultants and Technocrats Pvt. Ltd
Position Held	**Bridge Engineer**

Construction Supervision for Four laning from Km. 126.450 to Km. 140.700 and Km. 164.080 to Km.165.400 (Maibong to Nrimbanglo) section of NH-54 in Assam. Length: 15.57 Km,

Year: Apr. 2013 **–** Till date

Project Cost:INR 346.02 Cr.

Location: Assam, India

Client: National Highway Authority of India

Project Details:Length: 15.57 Km, Flexible Pavement.

Bridges supervised are:

Name of Bridge	Length	Span Arrangement	Foundation	Type of Structure
Major Bridge	**240 m**	8 x 30 m	open	Open cut structure with top down method in lieu of Tunnel
Major Bridge	**93 m**	3 x 31 m	pile	PSC Box Girder
ROB	**64 m**	2 x 18 m + 2 x 28 m	pile	RCC T Beam Girder & PSC Girder
ROB	**66 m**	3 x 22 m	pile	RCC T Beam Girder
Minor Bridge	34 m	1 x 25 m	well	RCC I Girder

Activities Held:

As a **Bridge Engineer**, responsible for construction supervision of Bridges/ culverts, review of work program and review of construction methods and drawings, setting out, reinforcement checking as per bar bending schedule, checking bridge layout, checking of alignment, quality control and quality assurance. Supervises and monitors construction of bridge as per working drawings, installation ofbearing and expansion joints, laying of cables etc., checking of foundation layouts, checking tilt & shift, pile boring and load test. Maintenance of bridges including safety and traffic diversion etc. Checking and approving the material used for the project, issues site instructions, Conducting meetings with the staff, monitoring the progress of the work with theapproved program. Incorporating minor modification in design whenever required during execution.

From: Feb. 2009	**To: March 2013**
Employer	Scott Wilson India Pvt. Ltd
Position Held	**Bridge Engineer**

Construction of 2 nos. of ROBs at Level Crossing 72 and at Level crossing 74 at Patna City connecting to highway in the state of Bihar.

Year: Feb. 2009 – March 2013
Project Cost:INR 60 Crores
Location: Bihar
Client: East Central Railway & Govt. of Bihar

Details of Structures:

Name of Bridge	Length	Span Arrangement	Foundation	Type of Structure	Type of Services
ROB - 1	**475m**	19 x 25 m	pile	PSC I Girder	New Construction
ROB - 2	**375m**	15 x 25 m	pile	PSC I Girder	New Construction

Position Held:Bridge Engineer

Activities Held:

As Bridge Engineer, responsible for construction supervision of ROBs. Review of alignment and structural drawings .checking of formworks, reinforcement, pile boring and load test, bar bending schedule etc. checking laying / compacting, curing of concrete, testing of bearing, expansion joints and their installation, supervise laying and pre stressing of cable, implement Quality Assurance manuals and systems , approve construction methodology , modify existing drawings , approve contractor's design / drawings for temporary works , maintenance of works including diversion / safety during construction period .The project was constructed under modern bridge construction technology and best international practices.

From: Apr. 2006	**To: Jan. 2009**
Employer	StupConsultantsPvt.Ltd
Position Held	**Bridge Engineer**

Construction of 2 nos. of ROBs at Level Crossing 31, Gardanibagh and at level crossing 45 at Bihta , Patna in the state of Bihar

Year: Apr 2006 – Jan 2009
Project Cost:INR 55 Crores
Location: Bihar
Client: East Central Railway & Govt. of Bihar

Details of Structures:

Name of Bridge	Length	Span Arrangements	Foundation	Type of Structures	Type of Services
ROB - 1	599m	25x20m+ 25m +35m + 39m	Pile	PSC I Girder	New Construction
ROB - 2	650m	26 x 25m	Pile	PSC I Girder	New Construction

Position Held:Bridge Engineer

Activities Held:

As Bridge Engineer, responsible for constructionsupervision of ROBs. Review of alignment and structural drawings .checking of formworks, reinforcement, pile boring and load test, bar bending schedule etc. checking laying / compacting, curing of concrete, testing

of bearing, expansion joints and their installation, supervise laying and pre stressing of cable, implement Quality Assurance manuals and systems , approve construction methodology , modify existing drawings , approve contractor's design / drawings for tempor ary works , maintenance of works including diversion / safety during construction period .The project was constructed under modern bridge construction technology and best international practices

From: Dec. 2005	**To: March 2006**
Employer	M/s Engineers India Ltd
Position Held	**Deputy Manager / Bridge Engineer**

Construction of roads & Bridges (8 nos., Length varying from 10 m to 30 m) at Panipat Naphtha cracker Project, Panipat, Haryana.
Year: Dec. 2005 - March 2006
Project Cost: INR 24 Cr
Location: Haryana
Client: Indian Oil Corporation Ltd.
Project Details:
Position Held: Deputy Manager / Bridge Engineer
Activities Held:
As a Deputy Manager, responsible for Overall supervision and checking of the Contractor's work,Keeping a detailed diary of all major activities and all important observations on the site, compilation of the various forms documenting the quality and progress of the various sections and areas of the construction work in accordance with the quality assurance plan, reporting of all problems in connection with the work to the Manager. Was responsible for conducting the lab and field –testing activities for various components of roadwork such as earthwork, GSB, WMM, BM, DBM, BC & PQC etc, overall quality control, Checking of Bar-Bending schedule according to approved drawing, Checking of quantity of steel, concrete and other miscellaneous work, Checking and keeping the record of contractor plant, machinery, lab our and tools, etc.

From: Dec 1997	**To: Nov. 2005**
Employer	**M/s S.N. Bhobe & Associates Pvt. Ltd**
Position Held	**Bridge Engineer**

Project Management Consultancy Services for Design & Construction of Major high level Bridge along with approaches on both sides across River Pawana at Rawet Dist. – MSRDC
Project Cost: INR 11.99 Cr.
Duration: August'2005 – Nov. 2005
Project Main Features: Length of the Bridge 195.50 mtr. Suspension arch bridge.
Techno feasibility, preparation of estimate, preliminary Design and General Arrangement Drawing. Pretender, Post tender activities, Supervision, Quality Assurance including all Project Management Consultancy services works.
Design of bridge is aesthetically marvelous 100m span of bridge is supported by two basket handle type steel Arches.
Open foundation for pier and Raft foundation for Abutment. Superstructure RCC M45 grade slab, Width of deck – 19.50m, footpaths 1.50m on each side, number of lanes – 2 lanes on each side, Length of approaches – Reinforced Earth retaining wall (Punewale) – 74.00m RCC Retaining wall Mumbai end (Rawet) – 20.00m.
Position Held: Bridge Engineer
Activities Performed:
As a **Bridge Engineer** responsible for construction supervision of structural works, review of work program and review of construction methods and drawings. Also responsible for setting out, reinforcement checking as per bar bending schedule, checking bridge layout,checking of alignment, quality control and quality assurance, Supervise and monitor construction of bridge as per working drawings, installation of bearing and expansion joints, laying of cables etc., checking of foundation layouts, also responsible for checking and approving the material used for the project, issues site instructions, Conducting meetings with the staff, monitoring of progress of the work with the approved program. Laying/compacting, curing of concrete works, rectifying any apparent mistakes in respect of all activities, incorporating minor modifications in design whenever required during execution.

Construction for 2 Laning of State Highway from Karwar to IlkalBagalkot section on SH-6 in the state of Karnataka; Lane: 2, Length: 332 Km Flexible Pavement

Year: Nov. 2004 - July. 2005
Project Cost:INR 365 Crores
Location: Karnataka
Client: Karnataka State Road Development Corporation Ltd.
Project Details:Total Length: 332 Km, 2 lane
Details of Structures:

Name of Bridge	Length (m)	Span Arrangement	Foundation	Type of Structure	Type of Services
Major Bridge	100	4 x 25m	Open	Cast in situ I girder slab	New Construction
Tungabhadra River Bridge	64.3	5 x 12.86m	Open	RCC Solid Slab	New Construction
Major Bridge	63	6 x 10.5m	Open	RCC Solid Slab	Repair & Rehabilitation
Major Bridge	72	6 x 12m	Open	RCC Solid Slab	Repair & Rehabilitation
Minor Bridge	30	3 x 10m	Open	RCC I Girder slab	Repair & Rehabilitation

Position Held:Bridge Engineer
Activities Held:
As a Bridge Engineer responsible for **construction supervision of Bridges/Culverts**, review of work programme and review of construction methods and drawings, setting out, **reinforcement checking as per bar bending schedule,checking bridge layout, checking of alignment, quality control and quality assurance,**supervise and monitor **construction of bridge** as per working drawings, installation ofbearing and expansion joints, laying of cables etc., **checking of foundation layouts,** pile boring and load test**,** also responsible for supervise **rehabilitation and repair works of all existing bridges,** Checking and approving the material used for the project, issues site instructions, **monitoring of progress of the work with the approved programme** rectifying any apparent mistakes in respect of all activities, incorporating minor modifications in design whenever required during execution.

Cable Stayed Bridge across River Mapusa Between Aldona – Corjuem in Goa

Year: **March'2003 - Oct. 04**
Cost of the project: INR 20.70 Cr.
Client: Goa State Infrastructure Development Corp. Ltd., Goa
Project Main Features:
Number of Spans:One Cable stay + Two end spans, **Cable stayed 180 m & 2 nos. end spans of 25 m length making total span length of bridge 235 m.**
Type of design Girders: Pile foundation, Type of design Girders: Composite span, **composite steel plate girder** with concrete deck, Width of Carriage way :- 7.5 m + 1.50 m wide footpath on both sides
Positions Held: Bridge Engineer
Activities Performed:
As a **Bridge Engineer** responsible for construction supervision of structural works, review of work program and review of construction methods and drawings.Also responsible for setting out, reinforcement checking as per bar bending schedule, checking bridge layout,checking of alignment, quality control and quality assurance, Supervise and monitor construction of bridge as per working drawings, installation of bearing and expansion joints, laying of cables etc., checking of foundation layouts, also responsible for checking and approving the material used for the project, issues site instructions, Conducting meetings with the staff, monitoringof progress of the work with the approved program. Laying/compacting, curing of concrete works, rectifying any apparent mistakes in respect of all activities, incorporating minor modifications in design whenever required during execution.

Construction of Flyover at Ring Road - Umrer Road junction in Nagpur City in the state of Maharashtra.
Year: Jan 2002 - Feb 2003
Project Cost: INR 16.85 Crores
Location: Nagpur
Client: MSRDC Ltd

Project Details:

Name of Bridge	Length (m)	Span Arrangement	Foundation	Type ofStructure	Type of Services
Flyover	560	26x20m + 40m obligatory span	Pile	PSC I Girder	New Construction

Position Held: Bridge Engineer

Activities Held:

As a Bridge Engineer responsible for**construction supervision of Bridges/Culverts**, review of work programme and review of construction methods and drawings, setting out, **reinforcement checking as per bar bending schedule,checking bridge layout, checking of alignment, quality control and quality assurance,**supervise and monitor **construction of bridge** as per working drawings, installation ofbearing and expansion joints, laying of cables etc., **checking of foundation layouts,** pile boring and load test**,** also responsible for supervise **rehabilitation and repair works of all existing bridges,** Checking and approving the material used for the project, issues site instructions, **monitoring of progress of the work with the approved programme** rectifying any apparent mistakes in respect of all activities, incorporating minor modifications in design whenever required during execution.

Construction of Flyover from Janta Square to Variety Square in Nagpur City on NH-7

Year: Feb 2000 to Dec. 2001

Project Cost: INR 38 Crores.

Location: Nagpur

Client: PWD Maharashtra

Project Details:

Name of Bridge	Length (m)	Span Arrangement	Foundation	Type of Structure	Type of Services
Flyover	**1010**	35x25m each + 3 (obligatory span) x 45m	Pile	PSC I Girder	New Construction

Position Held: Bridge Engineer

Activities Held:

As a Bridge Engineer responsible for**construction supervision of Bridges/Culverts**, review of work programme and review of construction methods and drawings, setting out, **reinforcement checking as per bar bending schedule,checking bridge layout, checking of alignment, quality control and quality assurance,**supervise and monitor **construction of bridge** as per working drawings, installation ofbearing and expansion joints, laying of cables etc., **checking of foundation layouts,** pile boring and load test**,** also responsible for supervise **rehabilitation and repair works of all existing bridges,** Checking and approving the material used for the project, issues site instructions, **monitoring of progress of the work with the approved programme** rectifying any apparent mistakes in respect of all activities, incorporating minor modifications in design whenever required during execution.

Construction of Flyover at Sion Circle, Mumbai. In the state of Maharashtra

Year: Feb 1999 to Jan 2000

Project Cost: INR 32.8 Cores

Location: Mumbai

Client: MSRDC Ltd

Project Details:

Name of Bridge	Length (m)	Span Arrangement	Foundation	Type of Structure	Type of Services
Flyover	**1251**	45 x 24.8m each + 3 (obligatory span) x 45m	Pile	PSC I Girder	New Construction

Position Held: Bridge Engineer

Activities Held:

As a **Bridge Engineer** responsible for**construction supervision of Flyovers**, review of work program and review of construction methods and drawings, setting out, **reinforcement checking as per bar bending schedule,checking bridge layout, checking of alignment, implement quality control and quality assurance,**supervise and monitor **construction of bridge** as per working drawings, installation ofbearing and expansion joints, laying and pre-stressing of cables. Verify BOQ Quantities etc., **checking of foundation layouts,** pile boring and load test**,** Checking and approving the material used for the project, issues site instructions, monitoring **of progress of the work with the approved program.**rectifying any apparent mistakes in respect of all activities, incorporating minor modifications in design whenever required during execution . Maintenance of works including diversion / safety during construction period.

Mumbai- Pune Expressway Section- C, Lonawala to Ozarde. Lane: 6, Length: 23 Km
Year: Dec. 1997 to Jan 1999
Project Cost: INR 171 Crores.
Location: Maharashtra
Client:MSRDC Ltd.
Project Details:Length – 23 Km, 6 Lane, Rigid Pavement.

Name of Bridge	Length (m)	Span Arrangement	Foundation	Type of Structure	Type of Services
Major Bridge at Ch. 446	**120**	4 X 30m	Open	Cast in Situ RCC I Girder	New Construction
Major Bridge at Ch.1000	**150**	5 x 30m	Open	Cast in Situ RCC I Girder	New Construction
Major Bridge at Malvali near Lonavala	**450**	18 x 25m	Pile	Cast in Situ RCC I Girder	New Construction
Major Bridge at Ozarde	**400**	20 x 20m	Pile	Cast in Situ RCC I Girder	New Construction
R.O.B. at Kusgaon Connector	**560**	28 x 20m	Pile	PSC I Girder	New Construction

Position Held: Bridge Engineer
Activities Held:
As a **Bridge Engineer** responsible for construction supervision of structural works including Major Bridge,ROB, Minor bridges, box/pipe culverts, review of work program and review of construction methods and drawings.Also responsible for setting out, reinforcement checking as per bar bending schedule, checking bridge layout,checking of alignment, quality control and quality assurance, Supervise and monitor construction of bridge as per working drawings, installation of bearing and expansion joints, laying of cables etc., checking of foundation layouts, also responsible for checking and approving the material used for the project, issues site instructions, Conducting meetings with the staff, monitoringof progress of the work with the approved program. Laying/compacting, curing of concrete works, rectifying any apparent mistakes in respect of all activities, incorporating minor modifications in design whenever required during execution.

From: March 1996	**To: Nov. 1997**
Employer	**M/s Shah &Chheda Erectors Pvt. Ltd**
Position Held	**Site Engineer**

Construction of residential and commercial building at Kalamboli.
Year: March 1996 - Nov. 1997
Location: Kalamboli,Navi Mumbai.
Position Held:Site Engineer
Activities Held:
As a Site Engineer was responsible for review of construction drawings, preparation of bar bending schedule, execution of work as per task assigned by project manager, co-ordination with project manager and sub contractors, overall quality control. Marking of layout plan according to drawing and getting approval from client. Maintaining the day to day work progress report executed at site. Keeping the labour report and its deployment. Preparation and submission of daily progress report. Preparation of planning of site work and also requirement of man power, material, tools and plant. Recoding of log book and other required details of machinery. Preparation of sub contractor monthly work done bill.

From: Aug 1994	**To: Feb 1996**
Employer	**M**/s Shah & George Engineers & Contractors Pvt. Ltd
Position Held	**Site Engineer**

Construction of School building at Sanpada
Year: Aug 1994 to Feb 1996
Location:NaviMumbai
Position Held:Site Engineer
Activities Held:
As a Site Engineer was responsible for review of construction drawings, preparation of bar bending schedule, execution of work as per task assigned by project manager, co-ordination with project manager and sub-contractors, overall quality control. Marking of layout plan according to drawing and getting approval from client. Maintaining the day to day work progress report executed at site. Keeping the labour report and its deployment. Preparation and submission of daily progress report. Preparation of planning of site work and also requirement of man power, material, tools and plant. Recoding of log book and other required details of machinery. Preparation of sub-contractor monthly work done bill.

From: Mar 1993	**To: Jul 1994**
Employer	M/s Build- Tech Projects (I) Pvt. Ltd
Position Held	**Site Engineer**

Construction of Residential buildings at Chikale, Panvel
Year: Mar 1993 to Jul 1994
Location: Panvel, NaviMumbai
Position Held:Site Engineer
Activities Held:
As a Site Engineer was responsible for review of construction drawings, preparation of bar bending schedule, execution of work as per task assigned by project manager, co-ordination with project manager and sub contractors, overall quality control. Marking of layout plan according to drawing and getting approval from client. Maintaining the day to day work progress report executed at site. Keeping the labour report and its deployment. Preparation and submission of daily progress report. Preparation of planning of site work and also requirement of man power, material, tools and plant. Recoding of log book and other required details of machinery. Preparation of sub contractor monthly work done bill

LANGUAGES :

	Speaking	**Reading**	**Writing**
English	Excellent	Excellent	Excellent
Hindi	Excellent	Excellent	Excellent

Summary of Qualification & Experience vis-à-vis the requirements as per TOR

Requirements as per TOR (Enclosure-B)	Possessed by the Staff Member	Break-up of experience	
		Brief Description of Project	Man-months provided
(1) Essential Qualifications.			-
a) Graduate in Civil Engineering from a recognized university	**B.E. (Civil) from (Karnataka University) 1992**		
b) Professional Experience of 15 years in Bridge / Structure Engineering	**20.8 Years of professional experience in Bridge / Structure Engineering**	**Replacement of Super-Structure of existing four lane Mahatma Gandhi Setu over Ganga River on NH-19 from Km. 212.72 to Km. 218.295 in Patna in the state of Bihar on EPC mode.**	**24 Months**
		Construction Supervision for Four laning from Km. 126.450 to Km. 140.700 and Km. 164.080 to Km.165.400 (Maibong to Nrimbanglo) section of NH-54 in Assam. Length: 15.57 Km, 4 Lane. Position Held: Bridge Engineer	**42 Months**
		Construction Supervision for Four laning from Km. 126.450 to Km. 140.700 and Km. 164.080 to Km.165.400 (Maibong to Nrimbanglo) section of NH-54 in Assam. Length: 15.57 Km, 4 Lane. Position Held: Bridge Engineer	**42 Months**
(c) 10 years experience in Construction / Construction Supervision of bridge / interchange / any other structures and 2 year experience in steel superstructure Railway / Highway / River bridge construction work.	Has over **18 Years** of experiencein Construction / Construction Supervision of bridge / interchange / any other structures and **02 years**of experience in steel superstructure highway bridge construction work.	**Construction of 2 nos. of ROBs at Level Crossing 72 and at Level crossing 74 at Patna City connecting to highway in the state of Bihar. Position Held: Bridge Engineer**	**50 Months**
(d) Must be familiar with modern methods of construction of bridges involving RCC/pre-stress concrete, design standards, technical specifications and statistical Quality Control/Assurance procedures for construction ofdifferent component of bridges.	**Yes, 07 Projects**	**Construction of 2 nos. of ROBs at Level Crossing 31, Gardanibagh and at level crossing 45 at Bihta , Patna in the state of Bihar. Position Held: Bridge Engineer**	**34 Months**
		Construction of roads & Bridges (8 nos., Length varying from 10 m to 30 m) at Panipat Naphtha cracker Project, Panipat, Haryana. **Position Held: Deputy Manager / Bridge Engineer**	**04 Months**

		Project Management Consultancy Services for Design & Construction of Major high level Bridge along with approaches on both sides across River Pawana at Rawet Dist. – MSRDC. Length of the Bridge 195.50 mtr. Suspension arch bridge.100m span of bridge is supported by two basket handle type steel Arches. **Position Held: Bridge Engineer**	**04 Months**
		Construction for 2 Laning of State Highway from	**09 Months**
		Karwar to IlkalBagalkot section on SH-6 in the state of Karnataka; Lane: 2, Length: 332 Km. **Position Held: Bridge Engineer**	
		Cable Stayed Bridge across River Mapusa Between Aldona – Corjuem in Goa. One Cable stay + Two end spans, Cable stayed 180 m & 2 nos. end spans of 25 m length making total span length of bridge 235 m.composite steel plate girder. **Positions Held: Bridge Engineer**	**20 Months**
		Construction of Flyover at Ring Road - Umrer Road junction in Nagpur City in the state of Maharashtra.Length of Flyover 560m **Position Held: Bridge Engineer**	**14 Months**
		Construction of Flyover from Janta Square to Variety Square in Nagpur City on NH-7. Length of Flyover 1010m **Position Held: Bridge Engineer**	**23 Months**
		Construction of Flyover at Sion Circle, Mumbai. In the state of Maharashtra. Length of Flyover 1251m **Position Held: Bridge Engineer**	**12 Months**
		Mumbai- Pune Expressway Section- C, Lonawala to Ozarde. Lane: 6, Length: 23 Km including 5 Major Bridges & 1 ROB. **Position Held: Bridge Engineer**	**14 Months**
(e) Experience in similar capacity in supervision of 2 Major Railway / Highway / River Bridges with steel superstructure.	**Yes,** Experience in similar capacity in supervision of **03 Major Highway Bridges** with steel superstructure.	**Replacement of Super-Structure of existing four lane Mahatma Gandhi Setu over Ganga River on NH-19 from Km. 212.72 to Km. 218.295 in Patna in the state of Bihar on EPC mode.**	**24 Months**
		Project Management Consultancy Services for Design & Construction of Major high level Bridge along with approaches on both sides across River Pawana at Rawet Dist. – MSRDC. Length of the Bridge 195.50 mtr. Suspension arch bridge.100m span of bridge is supported by two basket handle type steel Arches. **Position Held: Bridge Engineer**	**04 Months**

		Cable Stayed Bridge across River Mapusa Between Aldona – Corjuem in Goa. One Cable stay + Two end spans, Cable stayed 180 m & 2 nos. end spans of 25 m length making total span length of bridge 235 m.composite steel plate girder. **Positions Held: Bridge Engineer**	**20 Months**
(f) Not more than 65 years of age.	**Date of Birth:** 01st Jan. 1967 **Age: 52 Years**		
2) Preferential Qualifications.			
(a) Post Graduate Degree in Structure/BridgeEngineering.	-	-	-
(b) Experience as a Bridge Engineer in Railway / Highway / River Construction projects.	**05 Nos. of Project** Experience as a Bridge Engineer in Highway Construction projects	**Replacement of Super-Structure of existing four lane Mahatma Gandhi Setu over Ganga River on NH-19 from Km. 212.72 to Km. 218.295 in Patna in the state of Bihar on EPC mode.**	**24 Months**
		Construction Supervision for Four laning from Km. 126.450 to Km. 140.700 and Km. 164.080 to Km.165.400 (Maibong to Nrimbanglo) section of NH-54 in Assam. Length: 15.57 Km, 4 Lane. **Position Held: Bridge Engineer**	**42 Months**
		Construction of roads & Bridges (8 nos., Length varying from 10 m to 30 m) at Panipat Naphtha cracker Project, Panipat, Haryana. **Position Held: Deputy Manager / Bridge Engineer**	**04 Months**
		Construction for 2 Laning of State Highway from Karwar to IlkalBagalkot section on SH-6 in the state of Karnataka; Lane: 2, Length: 332 Km. **Position Held: Bridge Engineer**	**09 Months**
		Mumbai- Pune Expressway Section- C, Lonawala to Ozarde. Lane: 6, Length: 23 Km including 5 Major Bridges & 1 ROB. **Position Held: Bridge Engineer**	**14 Months**
(c) Experience in Rehabilitation & repair of Highway bridge project.	**Experience in Rehabilitation & repair of 04 Nos. Highway bridges.**	**Replacement of Super-Structure of existing four lane Mahatma Gandhi Setu over Ganga River on NH-19 from Km. 212.72 to Km. 218.295 in Patna in the state of Bihar on EPC mode.**	**24 Months**
		Construction for 2 Laning of State Highway from Karwar to Ilkal lBagalkot section on SH-6 in the state of Karnataka; Lane: 2, Length: 332 Km. Including Repair & Rehabilitation of 03 Major Bridges. **Position Held:Bridge Engineer**	**09 Months**

Certification by the Candidate

I, the undersigned ,**Rajeev Nayan Sinha, C/O Late Ram Jiwan Sinha, Jay Prakash Nagar P.O.- Patna G.P.O P.S.- Jakkanpur Patna - 800001 Bihar, INDIA.,** undertake that this CV correctly describes myself, my qualifications and my experience and Employer would be at liberty to debar me if any information given in the CV, in particular the Summary of Qualification & Experience vis-à-vis the requirements as per TOR is found incorrect. I further undertake that I have neither been debarred by NHAI or any other central/stage government organization nor left any assignment with the consultants engaged by Employer / contracting firm (firm to be supervised now) for any continuing work of Employer without completing my assignment. I will be available for the entire duration of the current project for **Consultancy Services for Authority's Engineer for Supervision of Civil Construction Works for Replacement of Superstructure of Existing 5.575 Km Long 4 Lane Mahatma Gandhi Setu over Ganga River on NH-19 from Km 212.72 to Km**
218.95 in Patna in Bihar State on EPC Mode. If I leave this assignment in the middle of the work, Employer would be at liberty to debar me from taking any assignment in any of the Employer works for an appropriate period of time to be decided by the Employer. I have no objection if myservices are extended by the Employer for this work in future.

I further undertake that my CV is being proposed for this project by **TPF Engineering Pvt. Ltd.** and I have not given consent to any other consultant(s) to propose my CV for any position for this project.

I further undertake that if due to my inability to work on this project due to unavoidable circumstances, due to which consultant's firm is forced to seek replacement. In such unavoidable circumstances, I shall not undertake any employment in Employer projects during the period of assignment of this project and Employer shall consider my CV invalid till such time.

I undertake that I have no objection in uploading/hosting of my credentials by Employer in public domain.

For Key Personnel having intermittent inputs, add the following:
I further certify that I am associated with the following assignments as on date (as on 7 days prior to due date for submission of proposal) including those for which LOA has been received by the firm and the inputs in these assignments shall not effect the work of the current assignment.

Name of Assignment	Client	Date of LOA	Likely start (Month / Year)	Likely end (Month / Year)	Total input of the person (man-months)
-					

…… **Date:** 25th May, 2019
(Signature of Key Personnel)

Certification by the firm

The undersigned on behalf of **TPF Engineering Pvt. Ltd.**, certify that the qualification and experience details of **Shri.RajeevNayanSinha**, **C/O Late Ram JiwanSinha, Jay Prakash Nagar P.O.- Patna G.P.O P.S.- Jakkanpur Patna - 800001 Bihar, INDIA.,** as described in the CV has been checked and found to be correct. It is also certified that **Shri. Rajeev NayanSinha**

to the best of our knowledge has neither been debarred by NHAI or any other Central/State Government organization nor left his assignment with any other consulting firm engaged by the Employer / Contracting firm (firm to be supervised now) for the ongoing projects. We understand that if the information about leaving the past assignment is known to the Employer, Employer would be at liberty to remove the personnel from the present assignment and debar him for an appropriate period to be decided by the Employer.

…….

Date: 25th May, 2019

[Signature of authorised representative of the Firm]