APPENDIX B-5

Curriculum Vitae (CV) of proposed Professional Staff

Proposed Position	**:**	**DESIGN ENGINEER (BRIDGE/STRUCTURES)**
Name of Firm	**:**	**TPF GETINSA EUROESTUDIOS SL**
Name of Staff	**:**	**TarunMathur**
Profession	**:**	Structural Engineer
Date of Birth	**:**	25th March 1956
Years with Firm/Entity	**:**	Available for the Assignment **Nationality:** Indian

Membership of Professional Societies:

- Nil

Detailed Task Assigned: The tasks and responsibilities of Design Engineers (Bridges/Structures) are as under.

- To report to the Senior Design Engineers (Bridges/Structures) and the Resident Engineers.
- To assist the Resident Engineers in ensuring that all aspects related design of the Structures in the Project Highway are in line with the Specifications, Standards and manuals.
- To review all the specifications, design and drawings of the Structures and to give comments to the Contractor for ensuring best possible design is adopted.
- All other pertinent tasks as required in the Terms of Reference, Approach & Methodology and EPC Agreement.
- Responsible for checking the designs of bridges, ROBs, interchanges and any other structure to be constructed in the Project highway.
- He shall also review the rehabilitation measures to be proposed by the Concessionaire for existing structures based on site condition and structural requirement basis .
- His expertise shall include computer aided design methods for Civil/Structural Engineering with particular reference to Structural design.

Education:

(Proof of qualification is enclosed)

	Name of Institutions	**Degrees Obtained**	**Dates of attended / obtainment**
College/University	Punjab Engineering College	B.E. (Civil)	1979
	Indian Institute of Technology Delhi	M. Tech. (Structural Engineer)	1986

Key Qualifications:

Mr. **TarunMathur**is a Post Graduate in Engineering having more than **42 years** of professional experience in project planning, designs, design review and construction/supervision of bridges, structures, flyovers, RoBs on major highway projects (including nearly **42 years in designs of structures**). His exposure covers various bridge/structures of multiple large and small spans- **PSC and RCC** concrete bridges; different foundations like **pile/open/well**. He is familiar with **technical specifications, codes and design standards; statistical QA/QC procedures.**

Employment record:

From : Nov 2018 **To** till date
Employer : **Rodic Consultants P Ltd., India**
Position Held : Senior Bridge Design Engineer

Name of Assignment of Project : Design and Construction of Formation in Embankments / Cuttings including Blanketing, Viaducts, Rail Flyover, Bridges (Major, Minor & RUBs), Supply and Spreading of Ballast and other related infrastructural works for Double Track Electrified Railway Line on Design Build Lump Sum Basis from Howrah end Approach of DFC Sone Bridge to Chirailapathu station of IR towards Howrah & to New Sonnagar stations towards Garwah and at Dehri-onSone yard from Km. 3.16 to Km. 5.38 in connection with Eastern Dedicated Freight Corridor in the state of Bihar in India.

Location: Dehri-onSone, Bihar

Client: M/s Dedicated Freight Corridor Corp of India

Main Project Feature: Viaduct of Length 1810m of varying heights, Rail Flyovers 1x76.2m+1x45.7m+12.2m double line, Major Bridge 2x30.5m span x 2 nos, High Earth Embankments upto 12m, 42 Minor Bridges and Culverts, RUB 1X5X3.6M rcc Box, 162 Staff Quarters, station buildings, Electric office building, CRWC Buildind, 2 nos RCC Overhead Water Tanks

Activities Performed: **Review of Design and Drawings, Pile Load Tests, Certify well foundations, Approve Girder Launching scheme**

From : Dec 2016 **To** **June 2017**
Employer : **National Highway Authority of India**
Position Held : Senior Bridge Design Engineer
Name of Assignment of Project: Detailed Project Report for Construction of Margao Western National Highway By-Pass for N.H.17 (New N.H.66) from Km 26/200 (Ch.00/000) to Km 38/100 (Ch.11/900) in the Sate of Goa (Panaji - Mangalore Section). **Length: 11.9 Km; Project Cost: 211 Cr;**
Location: Goa
Client:M/s. Mukesh& Associates, Salem, Tamilnadu
Main Project Feature: 9 Major Bridges, 42 Minor Bridges.
Activities Performed: Review & checking of design of bridges, interchanges and other related structures and provide suggestion for improvement Modification in design and drawings, using Computer Aided software; Review design of structures based on geo-technical, sub-soil and hydrological data for bridge and other structures.

FromFeb 2016 : **To** Nov 2016
Employer : Mukesh& Associates, Salem, Tamilnadu
Position Held : Senior Bridge Design Engineer

Name of Assignment of Project: Consultancy Services for Authority Engineer for Supervision of Four/Six Lane Oddanchathram Bypass from Km. 23.230 to Km. 30.900 of NH-209 (New NH. No. 83), (Design chainage from Km. 23.100 to Km. 33.200) under NHDP-IV in the state of Tamil Nadu on EPC Mode, 6-Lane.**Length: 10.1 Km, ProjectCost: 183.81Cr**
Location: Tamil Nadu
Client:
Main Project Feature: 19 Major Bridges, 62 Minor Bridges
Activities Performed: Review & checking of design of bridges, interchanges and other related structures and provide suggestion forimprovement; Modification in design and drawings, using Computer Aided

software; Review design of structures based on geo-technical, sub-soil and hydrological data for bridge and other structures.

FromApr 2014 : **To** Jan 2017
Employer : ICT Ltd.
Position Held : Senior Bridge Design Engineer
Name of Assignment of Project: Project Management Services for Rail Flyover near Ganjkhwaja, Formation in Embankment andCutting, including Blanketing, and Bridges (Major, Minor and RUBs) between Dehri-on-Sone and MughalSarai of Eastern Dedicated Freight Corridor. **Length: 125.443 Km; Project Cost: 1552 Cr.**
Location: Bihar
Client: Dedicated Freight Corridor Corp of India; (For- Intercontinental Consultants and Technocrats).
Main Project Features: Rail Flyover at Ganjkhwaja; Span Arrangement 13.1m + 79.9m + 32.4m; pile foundation, Steel Truss Bridge 73m single span, PSC Girders, Major Bridge across Canal, Length = 84m; Span Arrangement 3 x 28 m, pile foundations, PSC Girders, 7 RUBs, High Railway Embankments
Activities Performed: Review & checking of design of bridges, interchanges and other related structures and provide suggestion for improvement; Modification in design and drawings, using Computer Aided software; Review design of structures based on geo-technical, sub-soil and hydrological data for bridge and other structures; Review implementation schedule of engineering design as submitted by the Concessionaire; Supervision of work during construction / rehabilitation of bridges, interchanges and other related structures; Ensure construction works is executed in accordance to the technical specifications, environmental Management Plan and other stipulation of construction contract documents; Direct contractor in matters of construction safety and care of works; Regular interaction with Client and Contractor regarding the progress of work and ensuring timely completion of project; Review and certify "As Built" drawings especially related to bridge structures; Co- ordination in preparation of report.

FromOct 2012 : **To** Jan 2015
Employer : **Dedicated Freight Corridor Corp of India**
Position Held : Senior Bridge Design Engineer
Name of Assignment of Project: Independent Engineer services for 4 Laning of Patna – Buxar Stretch of NH – 30 from Km 0.00 to Km124.850 (existing chainage from km 181.300 to km 125.300 of NH-30 &Ara Bypass from Km 125.300 of NH-30 to Km 6.00 of NH-84 & km 6.000 to km 75.000 of NH – 84) in the State of Bihar under NHDP Phase III onBOT (Toll) Basis. **Length125.443 kms; Project Cost: 1129 Cr.**
Location: Bihar
Client: NHAI
Main Project Features: Project include 8 Major Bridges, 17 Minor Bridges and 39 Pipe Culverts, 28 slab Culverts, 3 Box Culverts, 2 Underpasses; Ganga River Bridge, Length = 1123m; Span Arrangement 10 x 101.22m + 2 x 55.45m; well foundation; BhitauliNadi, Length = 62.35m; Span Arrangement 2 x 20.50m + 1 x 21.35m; well foundation; NagriNadi, Length = 86m; Span Arrangement 4 x 21.5; well foundation; Bridge across Sone River, Length = 1413.2m; Span Arrangement 2 x 15 + 28 x 49.4m; well foundation.
Activities Performed: Review & checking of design of bridges, interchanges and other related structures and provide suggestion for improvement; Modification in design and drawings, using Computer Aided software; Review design of structures based on geo-technical, sub-soil and hydrological data for bridge and other structures;Overallinchargof the project involvingmany major/ minor bridges, ROB'S and RUB'S. Checking and supervising the detailed designs and drawings.; Extensive investigations for existing Bridge Rehabilitation works along with Bridge Rehabilitation Specialist by conducting non-destructive testing and proposing suitable remedial measures for rehabilitation of the bridges; Review implementation schedule of engineering design as submitted by the Concessionaire; Supervision of work during construction/ rehabilitation of bridges, interchanges and other related structures; Ensure construction works is executed in accordance to the technical specifications, environmental Management Plan and other stipulation of construction contract documents; Direct contractor in matters of construction safety and care of works; Regular interaction with Client and Contractor regarding the progress of work and ensuring timely completion of project; Review and certify "As Built" drawings especially related to bridge structures; Co-ordination in preparation of reports.

FromAug 2012 : **To** Oct 2013
Employer : Feedback Ventures
Position Held : Senior Bridge Design Engineer

Name of Assignment of Project: Feasibility Study Six Laning for Agra-Lucknow Greenfield Expressway Project on "DBFOT (Annuity) Basis. **Length: 270 Km; Project Cost: 1500 Cr.**

Location: Uttar Pradesh
Client: UP State Expressway Authority
Main Project Features: GAD of Bridges using international best practices, as per Indian/ international codes using STAAD-PRO software with most economical sections with various structural arrangements/ alternatives; Extensive investigations for existing Bridge Rehabilitation works along with Bridge Rehabilitation Specialist by conducting non-destructive testing and proposing suitable remedial measures for rehabilitation of the bridges etc.
Activities Performed: Responsible for Geotechnical investigations and interpretation of results, hydraulic investigations/ assessment of bridge sites; Checking and supervising the detailed designs and drawings.; Selection of Site for various bridges; Preparation of GAD for Bridges, Interchanges; Study and Formulate Hydrological Parameters; Preliminary Cost Estimates; Co-ordination in preparation of reports; support to site staff of GC during the construction and execution viz. Lifting and erection of escalators; erection of steel roof portals/trusses; movement of launching gantry through station portion.

From Jan 2012 **:** **To** Jan 2013
Employer **:** MSV International
Position Held **:** Senior Bridge Design Engineer
Name of Assignment of Project: 4 Laning& Improvement Works of Ranchi- Patratu Dam- Ramgarh Road on "BOT (Annuity) Basis. **Length: 62.40; Project Cost: Rs.454.5 Cr.**

Location: Ranchi
Client:ILFS
Main Project Features: Project includes 5 Major Bridges, 7 Minor Bridges & 3 ROB.
Activities Performed: Review & checking of design of bridges, interchanges and other related structures and provide suggestion for improvement; Modification in design and drawings, using Computer Aided software; Review design of structures based on geo-technical, sub-soil and hydrological data for bridge and other structures; Overall incharge of the project involving many major/ minor bridges, ROB'S and RUB'S; Checking and supervising the detailed designs and drawings; Extensive investigations for existing Bridge Rehabilitation works along with Bridge Rehabilitation Specialist by conducting non-destructive testing and proposing suitable remedial measures for rehabilitation of the bridges. Review implementation schedule of engineering design as submitted by the Concessionaire; Supervision of work during construction / rehabilitation of bridges, interchanges and other related structures; Ensure construction works is executed in accordance to the technical specifications, environmental Management Plan and other stipulation of construction contract documents; Direct contractor in matters of construction safety and care of works; Regular interaction with Client and Contractor regarding the progress of work and ensuring timely completion of project; Review and certify "As Built" drawings especially related to bridge structures; Co-ordination in preparation of report.

From Nov 2010 **:** **To** Dec 2011
Employer **:** MSV International
Position Held **:** Senior BridgeDesign Engineer
Name of Assignment of Project: Feasibility Study for Highway Upgradation in 4 Districts of Sierra Leone, West Africa. World Bank Project.**Length-128.3 Km; Project Cost:219 Cr.**

Location: Sierra Leone, West Africa
Client: World Bank
Main Project Features: Project includes 2 Major Bridges, 39 Minor Bridges
Activities Performed: Responsible for undertaking condition surveys, investigations and detailed design of major bridges, Minor Bridges and their approaches. Preparation of GADs; reconnaissance survey, condition survey of bridges, detail investigations of bridges such as structural, geotechnical and hydrological, planning and Preliminary designing of new bridges and their approaches as per BS 5400 and Class HA Loading by adopting International best Practices and using STAAD and other software, preparation of the drawings, bill of quantities, cost estimates and reports. The design phase includes design using various alternative materials and structural arrangements; Bill of Quantities etc

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From Jan 2009 **:** **To** Oct 2010
Employer **:** MSV International

Position Held : SeniorBridge Design Engineer

Name of Assignment of Project: Consultancy Services for Construction Supervision of 6 laning of Section III, IV, V and VI of Ranchi Ring Road, New Alignment, developed on BOT (Annuity) Basis. **Length-36.78 Kms; Project Cost: 477 Crores,**

Location: Ranchi

Client: ILFS

Main Project Features: The project involves development of a 6-lanes ring road around Ranchi Town to cater for traffic from 9 radial roads including 3 National Highways No. 33, 75 & 23 which passes through Ranchi Town. There are Major Bridges-3, Minor Bridges-9, Underpasses-6, Culverts-105, RUB-1, ROB-1 and Flyovers-2. Details of bridges are: –Sapahi River Bridge, Length=88.85m; PSC Voided Slab, 4 x 22.2, Open foundations; Tundhul River Bridge, Length=66.44m, RCC Beam and Slab, 4 x 16.6, Open foundations; Tundhal River Bridge, Length=66.65m, PSC Voided Slab, 3 x 22.20, pile foundations.

Activities Performed: Review & checking of design of bridges, interchanges and other related structures and provide suggestion for improvement; Modification in design and drawings, using Computer Aided software; Review design of structures based on geo-technical, sub-soil and hydrological data for bridge and other structures; Review implementation schedule of engineering design as submitted by the Concessionaire; Supervision of work during construction/ rehabilitation of bridges, interchanges and other related structures; Review on Calculation of bridge hydraulics parameter, estimation of scour depth; Finalization of Bridge Alignment based on the Soil Report, Flood Discharge, minimum water way, scour depth, HFL etc; Review on computer aided analyzing, finalization of designing & detailing of different bridge components e.g. foundations, substructures, bearings & superstructures based on the Sub soil reports; Review of GA & detailed construction drawing, detailed Project report, technical Specifications and BOQs, rate analysis & cost estimates; Review of Land Plan Schedule for Approaches, Review on Utility Shifting Reports (as Required), etc; Ensure construction works is executed in accordance to the technical specifications, environmental Management Plan and other stipulation of construction contract documents; Direct contractor in matters of construction safety and care of works; Regular interaction with Client and Contractor regarding the progress of work and ensuring timely completion of project; Review and certify "As Built" drawings especially related to bridge structures; Co-ordination in preparation of reports.

From March 2007 : **To** Oct 2008

Employer : Redecon India

Position Held : Senior Bridge Design Engineer

Name of Assignment of Project: Design of Underground Parking for M/s Al MasaoodBergum Plaza, Dubai. Design of Multi-level parking for M/s Majid GhasamAdelian Building, Dubai. **Area:5400 sqm; Project Cost:27 million dirhams.**

Location: Dubai

Client: M/s Al Masood (through Monarch Designs)

Main Project Features: The plaza consisted of two-level basement parking. Design was according to BS-5400, HA loading, and also includes design of diaphragm walls and secant piles.

Activities Performed: Responsible for Study the available architectural drawings, analyze the soil investigation reports and details, Study on site features, site constraints, & utility services; Finalizing the structural system according to the functional requirement; suggest appropriate type of foundation system; Creating model and defining appropriate load distribution on the structure; Analysis of the structure using latest computer aided software; Perform detailed design of various structural elements of Buildings using relevant codes and Standards; ensuring structural stability of buildings with compliance to latest structural codes; Guide draftsman in preparation of detailed and working drawings as Good for construction; etc.

From Nov 2006 : **To** Apr 2007

Employer : Redecon India

Position Held : Senior Bridge Design Engineer

Name of Assignment of Project: Detailed Engineering Design & DPR for Widening to 4 laning and Strengthening of existing two-lane highway from Ludhiana-Malerkotla Section, section of state highways under the Punjab State Roads Sector Project, Package No. 3. [Project Funded by World Bank],**Length64 Km; Project Cost: 288 Crores.**

Location: Punjab

Client: Punjab state road transport corporation

Main Project Features: Bridge at 16Km Length – 48.75m; Span arrangement 5 x 9.75m, Bridge at 26.8 Km Length – 56.0m; Span arrangement 5 x 11.2m span, Bridge at 30.0 km Length – 22.8m; Span arrangement 3 x 7.6m;
Activities Performed: Responsible for Topographical survey, Responsible for Geotechnical investigations and interpretation of results, hydraulic investigations/ assessment of bridge sites; preliminary and final design of superstructure, substructure and foundation, construction drawings using Computer Aided software; BOQ, rate analysis, cost estimates, assisting HUDA in tender negotiations; support to site staff of GC during the construction and execution viz. Lifting and erection of escalators; erection of steel roof portals/trusses; movement of launching gantry through station portion; Detailed designs of bridges using international best practices, as per Indian/ international codes using STAAD-PRO software with most economical sections with various structural arrangements/ alternatives; Checking and Supervising the detailed designs and drawings; etc.

From Nov 2006 **:** **To** Apr 2007
Employer **:** Redecon India
Position Held **:** Bridge Design Engineer
Name of Assignment of Project: Detail Engineering Design& DPR for Widening to 4 laning and Strengthening of existing two lane highway from Kharar-Banur-Tepla Section under the Punjab State Roads Sector Project, PSRSP: Package No. 3 - (BCEOM JV with Aarvee Associate [Project Funded by World Bank]. **Length38 Km;Project Cost: 210 Cr.**

Client: Punjab state road transport corporation
Main Project Features: Bridge at Km 6.10; Length – 64.2m; Span arrangement 3 x 21.4m; Bridge at Km 15.3; Length – 34.0m; Span arrangement 2 x 17m**.**
Activities Performed: Responsible for Topographical survey, Responsible for Geotechnical investigations and interpretation of results, hydraulic investigations/ assessment of bridge sites; preliminary and final design of superstructure, substructure and foundation, construction drawings using Computer Aided software; BOQ, rate analysis, cost estimates, assisting HUDA in tender negotiations; support to site staff of GC during the construction and execution viz. Lifting and erection of escalators; erection of steel roof portals/trusses; movement of launching gantry through station portion; Detailed designs of bridges using international best practices, as per Indian/ international codes using STAAD-PRO software with most economical sections with various structural arrangements/ alternatives; Checking and Supervising the detailed designs and drawings; etc.

From Feb 2005 **:** **To** July 2006
Employer **:** Redecon India
Position Held **:** Bridge Design Engineer
Name of Assignment of Project: Rashtriya Sam Vikas Yojna Package No 2, Siwan-Barharia-SarfaraRoad; **Length- 44 Km;Project Cost: 172 Cr.**

Location: Bihar

Client: Planning Commission of India
Main Project Features: Two lane Bridge: at Km 12.8; Length-60meter; span arrangement 4 x 15m, This was a Central Govt project for up-gradation of state highways under the Rashtriya Sam Vikas Yojna. The existing highway was to be widened to 10.5m.
Activities Performed: Responsible for preliminary site investigations, bridge geometrics, bridge type studies, feasibility studies, hydrological evaluation, detailed hydrological and hydraulic parameters assessment, sub-soil investigations (bore holes); preliminary and Detailed Design for Superstructure, Substructure and Foundation Design of the proposed major bridge using most economical sections with various structural arrangements/ alternatives, preparation of drawings, cost estimation and Reports and Getting Design Approval from Punjab Engineering College; Calculation of bridge hydraulics parameter, estimation of scour depth; Finalization of Bridge Alignment based on the Soil Report, Flood Discharge, minimum water way, scour depth, HFL etc; Study on flood protection measures etc; involved in preparation of BOQ, rate analysis, cost estimates and specifications for the complete structure work etc.

From July 2005 **:** **To** July 2006
Employer **:** Redecon India.
Position Held **:** Bridge Design Engineer
Name of Assignment of Project: Rashtriya Sam Vikas Yojna Package No 2, Siwan-Barharia-Sarfara Road. **Length- 49 Sq Km;Project Cost: 170 Cr.**

Location: Bihar

Client: Planning Commission of India

Main Project Features Main Bridge at Km 1.5; Length-81.90Meter; span arrangement 7 x 11.7m; Main bridge at Km 17.1; Length-62.10Meter; span arrangement 3 x 20.7m; This was a Central Govt project for up-gradation of state highways under the Rashtriya Sam Vikas Yojna.The existing highway was to be widened to 10.5m.

Activities Performed: Responsible for preliminary site investigations, bridge geometrics, bridge type studies, feasibility studies, hydrological evaluation, detailed hydrological and hydraulic parameters assessment, sub-soil investigations (bore holes); preliminary and Detailed Design for Superstructure, Substructure and Foundation Design of the proposed major bridge using most economical sections with various structural arrangements/ alternatives, preparation of drawings, cost estimation and Reports and Getting Design Approval from Punjab Engineering College; Calculation of bridge hydraulics parameter, estimation of scour depth; Finalization of Bridge Alignment based on the Soil Report, Flood Discharge, minimum water way, scour depth, HFL etc; Study on flood protection measures etc; involved in preparation of BOQ, rate analysis, cost estimates and specifications for the complete structure work etc;

From Feb 1997 **:** **To** Jan 1999
Employer **:** Independent Consultant
Position Held **:** Design Consultant

Name of Assignment of Project: Detail Design preparation for 2 Lane HL Bridge for a length of 40m on SeimNalla in the State of Himachal Pradesh.**Length-40M span;Project Cost:40 Lakhs.**

Location: Himachal Pradesh

Client: PWD Himachal

Main Project Features:Span arrangement 1x40m spans, RCC Pre-tensioned Bridge.

Activities Performed: Responsible for preliminary site investigations, detailed hydrological and hydraulic parameters assessment, sub-soil investigations (bore holes) and Detailed Design for Superstructure, Substructure and Foundation Design of the proposed major bridge using most economical sections with various structural arrangements/ alternatives, preparation of drawings, cost estimation and Reports and Getting Design Approval from Punjab Engineering College; Calculation of bridge hydraulics parameter, estimation of scour depth; Finalization of Bridge Alignment based on the Soil Report, Flood Discharge, minimum water way, scour depth, HFL etc; Study on flood protection measures etc; Responsible for Detailed Design for 40m span superstructure using post-tensioned Concrete Girders and getting Design Approval from Client; Analyzed and Designed the superstructure etc.

Language	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
Essential Qualifications: ⇨ Graduate in Civil Engineering from recognized university	⇨ M.Tech (Structural Engineer) in 1986 ⇨ B.E. (Civil) from Punjab Engineering College in 1979	⇨ ⇨ Detailed Project Report for Construction of Margao Western National Highway By-Pass for N.H.17 (New N.H.66) from Km 26/200 (Ch.00/000) to Km 38/100 (Ch.11/900) in the Sate of Goa (Panaji - Mangalore Section).	⇨ ⇨ ⇨ 10

Requirements as per TOR (Enclosure-B)	Possessed by the Staff Member	Break-up of experience	
		Brief Description of Project	Man-months provided
⇨ Professional Experience of 12 years in handling Highway/ Bridge projects. ⇨ 10 years out of total 12 years' experience in similar capacity for design of major highway bridges. ⇨ Experience in similar capacity of designing of 4 major Highway Bridges. Preferential Qualifications; ⇨ Post Graduate Degree in Structural Engineering ⇨ Design experience in similar capacity of major highway bridge of length 200 m or more. (excluding approaches). ⇨ Experience in similar capacity in innovative Bridge / structure (Pre-cast Segmental, Cantilever Construction, Cable Stayed Bridge, Suspension bridges etc.) bridge design with use of computer aided software	⇨ Total professional experience more than 30 years ⇨ Yes ⇨ Yes ⇨ No ⇨ Yes	⇨ Consultancy Services for Authority Engineer for Supervision of Four/Six Lane Oddanchathram Bypass from Km. 23.230 to Km. 30.900 of NH-209 (New NH. No. 83), (Design chainage from Km. 23.100 to Km. 33.200) under NHDP-IV in the state of Tamil Nadu on EPC Mode, 6-Lane ⇨ Project Management Services for Rail Flyover near Ganjkhwaja, Formation in Embankment andCutting, including Blanketing, and Bridges (Major, Minor and RUBs) between Dehri-on-Sone and MughalSarai of Eastern Dedicated Freight Corridor ⇨ Independent Engineer services for 4 Laning of Patna – Buxar Stretch of NH – 30 from Km 0.00 to Km124.850 (existing chainage from km 181.300 to km 125.300 of NH-30 &Ara Bypass from Km 125.300 of NH-30 to Km 6.00 of NH-84 & km 6.000 to km 75.000 of NH – 84) in the State of Bihar under NHDP Phase III onBOT (Toll) Basis ⇨ Feasibility Study Six Laning for Agra-Lucknow Greenfield Expressway Project on "DBFOT (Annuity) Basis ⇨ 4 Laning& Improvement Works of Ranchi- Patratu Dam-Ramgarh Road on "BOT (Annuity) Basis. ⇨ Feasibility Study for Highway Upgradation in 4 Districts of Sierra Leone, West Africa. World Bank Project.. ⇨ Consultancy Services for Construction Supervision of 6 laning of Section III, IV, V and VI of Ranchi Ring Road, New Alignment, developed on BOT (Annuity) Basis ⇨ Design of Underground Parking for M/s Al MasaoodBergum Plaza, Dubai. Design of Multi-level parking for M/s Majid	⇨ 34 ⇨ ⇨ 15 ⇨ 13 ⇨ 14 ⇨ 22 ⇨ 20

Requirements as per TOR (Enclosure-B)	Possessed by the Staff Member	Break-up of experience	
		Brief Description of Project	**Man-months provided**
		GhasamAdelian Building, Dubai ⇨ Detailed Engineering Design & DPR for Widening to 4 laning and Strengthening of existing two-lane highway from Ludhiana-Malerkotla Section, section of state highways under the Punjab State Roads Sector Project, Package No. 3. [Project Funded by World Bank], ⇨ Detail Engineering Design& DPR for Widening to 4 laning and Strengthening of existing two lane highway from Kharar-Banur-Tepla Section under the Punjab State Roads Sector Project, PSRSP: Package No. 3 - (BCEOM JV with AarveeAssociate[Project Funded by World Bank], ⇨ Rashtriya Sam Vikas Yojna Package No 2, Siwan-Barharia-Sarfara Road. ⇨ Rashtriya Sam Vikas Yojna Package No 2, Siwan-Barharia-Sarfara Road; Year: July 2005 To July 2006. ⇨ Design preparation for 2 Lane HL Bridge for a length of 40m on SeimNalla in the State of Himachal Pradesh.	⇨ 6 ⇨ 6 ⇨ 18 ⇨ 13 ⇨ 24

Certification by the Candidate:

I, the undersigned, **TarunMathur,TPF GetinsaEuroestudios S.L., Unit 305, Suncity Business Tower, Golf Course Road, Sector 54, Gurgaon-122002, Haryana, INDIA, Tel: + 91-124-408 7153, Fax &Tel: +91-124- 421 3016**, 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 National Highways Authority of India or any other central / state government organization nor left any assignment with the consultants engaged by Employer / contracting firm Segmental Consulting & Infrastructure Advisory Pvt Ltd for any continuing work of Employer without completing my assignment. I will be available for the entire duration of the current project "(**Consultancy services for Authority's Engineer for Supervision of Gorakhpur Link Expressway project (Package I and Package II) on EPC basis.**)"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 Employer. I have no objection if my services are extended by Employer for this work in future.

I further undertake that my CV is being proposed for this project by **TPF GetinsaEuroestudios S.L** 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)**
Nil					

_____ Date**:**09th Feb 2021

[Signature of Key Personnel] **Day / Month / Year**

Certification by the firm:

The undersigned on behalf of "**TPF GetinsaEuroestudios S.L."** certify that the qualification and experience details of "**Shri TarunMathur**, **TPF GetinsaEuroestudios S.L., Unit 305, Suncity Business Tower, Golf Course Road, Sector 54, Gurgaon-122002, Haryana, INDIA, Tel: + 91-124-408 7153, Fax &Tel: +91-124- 421 3016"**as described in the CV has been checked and found to be correct. It is also certified that **"Shri TarunMathur"** 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 Authority / 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 Authority, Authority would be at liberty to remove the personnel from the present assignment and debar him for an appropriate period to be decided by the Authority.

_____ Date**:**09th Feb 2021

[Signature of authorizedrepresentative of the firm] **Day / Month / Year**