"We turn ideas
into reality"

JFF
JYOTI FORGE & FABRICATION

SINCE 1980

JYOTI

FORGE AND FABRICATION

STEEL ENGINEERING
& CONSTRUCTING COMPANY

A leading Construction company based in Guwahati
Working on both Local and Regional Project

RDSO approved

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- (2) PEB Structure
- (3) Convention Structure
- (4) Multistory Building
- (5) PS Tank
- (6) Water staging

Design, Manufacturing, Supply & Erection of Pre-Engineered Metal Building for

- (1) Warehouse Shed
- (2) Industrial Shed
- (3) Multi Store Steel Building
- (4) Commercial Building

Infrastructure
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AN ISO 9001:2008 Certified Company

www.jyotiforge.com

A word from our *Managing Director*

The World's build environment is changing

From contemporary architecture to more efficient structures, Jyoti Forge and Fabrication is pioneering the revolution of the Steel construction industry.

Our specialty

Structural steel and metal fabrication are at the core of all our production activity. We deliver a wide range of products and proficient services with guaranteed efficiency, optimum pricing and customer satisfaction.

44 years of commitment

Since 1980 JFF developed unique expertise in steel fabrication and structural solution. The company has always endeavoured to embrace new technological advancement in steel construction to adapt to the ever evolving market needs.

A client centric company

JFF is associated with quality work, timely delivery, best pricing i.e. trust & reliability. Due to this value system, over the years JFF has been able to complete some of the most premium project bot at local and as well as regional level. We emphasise our position as your partner as we give personal attention to each of our client and are proactive in finding solutions that will best achieve your goals.

Our mission, as your preferred steel partner, is to reproduce any concept you envision in your mind and keeping you worry-free.

Our insistence on responsiveness and professionalism has led to our success, and we have earned a reputation for providing superior steel solutions that exceed client's expectations.

We take pride in the quality of our services, and are regionally recognised for our ability to deliver trunky projects, specializing in highly engineered steel structures.

Your Sincerely

Basant Kumar Patni

Managing Director

Company Profile

We, Jyoti Forge and Fabrication, prioritize a secure work environment through rigorous training and risk management. Our quality work is non-negotiable by maintaining high standards, emphasizing quality control and attention to all the detail. Our Integrity builds trust & our ethical conduct in all business dealings, from fair bidding to client interactions, is fundamental. Client satisfaction drives our success. A focus on our client's needs, lead to lasting relationships. Our embracing innovation improves efficiency and sustainability through technology and creative solutions. Our environmental responsibility is critical. Our clear expectations and accountability for deadlines, budgets and quality standards ensure success. Effective budget management and resource allocation without compromising quality is our top priority. Investing in our employee growth through training and career advancement fosters is our skilled workforce. Adherence to a strict code of ethics in all our business dealingis essential. Identifying, assessing, and mitigating risks is crucial for our all project success.

JFF is an **RDSO** approved Fabrication Unit of Guwahati, Assam

"JFF combines innovative engineering with unmatched commitment to project success"

History

Jyoti Forge & Fabrication was established in the early 80's by Late Phool Chand Patni, Mr. Basant Kumar Patni, Late Padam Chand Jain and five other founders with a broad Constructive Vision in Guwahati, Assam. Initially they started the Production of Pressure Standard Tanks, Swiss Gates & Other Steel Structures. On 29th of March, 2007, Jyoti Forge and Fabrication Officially Registered as a Private Limited Company. Over the decades, Jyoti Forge and Fabrication experienced significant growth, expanding its operations and diversifying its portfolio including Cutting Edge Technology in the Field of Construction. In response to changing market dynamics, Jyoti Forge & Fabrication has continually adapted and innovated its strategies. Today, Jyoti Forge and Fabrication stands as a Leading Player in the Construction Industry sector of NER.

"Our unique approach to project management sets us apart

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A future with bright possibilities.

Today, as new developments transform the construction industry, JFF is best positioned to become your partner in shaping the cities of the future.

We aim to further expand while maintaining our commitment to quality and staying on top of emerging trends.

INCREASED PRODUCTIVITY

- Fast construction due to steel versatility
- High efficiency due to high density of steel
- Modular construction practices: Off-site quality production, quick on-site erection

LONG-TERM SUSTAINABILITY

- Recyclability of steel without alteration of quality
- High steel durability and versatility
- Internal best practices: Abidance by environmental policies and promotion of renewable energies.

CONTEMPORARY ARCHITECTURE

- Innovative design due to steel ductility
- Unlimited possibilities through combination of steel with other materials.
- Creation of acclaimed landmarks: Exceptional execution and diversified partnerships.

> Building the future upon existing history...
>
> We seize every new job as a challenge and learning experience

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Board of Directors

Mr. Tikam Chand Jain
Director

Mr. Basant Kumar Patni
Managing Director

Mr. Naman Jain
Director

LEADERSHIP TEAM

The leadership team of Jyoti Forge & Fabrication consists of key individuals responsible for its success. Since its dawn, led by our Managing Director Mr. Basant Kumar Patni, who sets the strategic directions & focuses on technology and innovation which includes the Director Mr. Naman Jain managing daily operations & handling marketing while the Director Mr. Tikam Chand Jain over seeing finances & manages the talent. Legal matters are under the General Counsel purview. Together, this team collaborates to make vital decisions, allocate resources and ensure the company's growth in the construction industry. Their collective expertise and strategic vision are critical in achieving project excellence and business success.

AN ENDURING VALUE SYSTEM

Jyoti Forge and Fabrication's value system is integral to decade old tradition and continues to direct the growth and business. Time, energy and effort is continually expanded on defining, refining and driving the value systems to anyone who comes into the JFF Group-whether it be emloyee, partner or customer.

Excellence

We are passionate about achieving the highest standards of quality, always promoting meritocracy.

Integrity

We are fair, honest, transparent and ethical in our conduct; everything we do must stand the test of public scrutiny.

Unity

We invest in our people and partners, enable continuous learning, and build caring and collaborative relationships based on trust and mutual respect.

Pioneering

We are bold and agile, courageously taking on challenges, using deep customer insight to develop innovative solutions.

Responsibility

We integrate environmental and social principles in our businesses, ensuring that what comes from the people goes back to the people many times over.

VISION

Our vision at Jyoti Forge & Fabrication is to be the construction benchmark for excellence. We aspire to lead by example, setting new standards for safety, quality and innovation. We envision a future where our commitment to integrity and sustainability transforms the industry, creating spaces that inspire and communities that thrive. Through continuous growth, innovation and a passionate team, we aim to shape a world where construction not only builds structures but also builds a brighter, more sustainable future for generations to come.

MISSION

At Jyoti Forge & Fabrication, our mission is to provide excellence in our products and services. We are dedicated to ensuring the safety of our esteem clients, partners and employees, while delivering top-tier quality in all projects. Our commitment to integrity, innovation and sustainability drives our work and quality. We aim to exceedexpectations, build concrete relationships and positive impact on our valuable clients, partners and employees.

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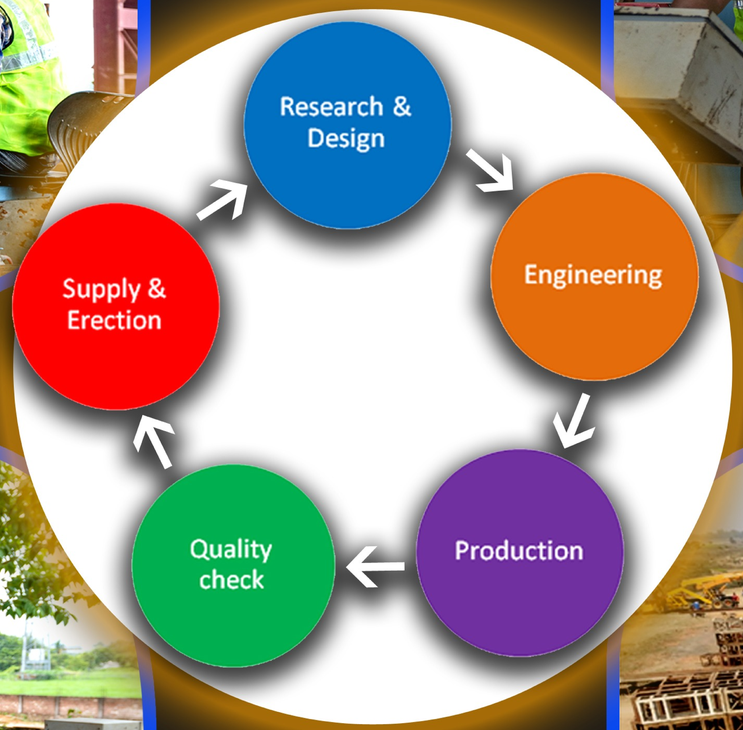
CORE SERVICES



Our Products

We take pride in offering a diverse range of high-quality product manufacturing & assembling services that cater to your unique needs. Whether you require expert construction, advanced technology integration, or specialized consulting, we're committed to delivering excellence. Our experienced team and commitment to quality ensure that your project or business needs are met with precision and professionalism. Welcome to a world of comprehensive solutions designed to drive success and efficiency.

BRIDGE

Steel bridges are engineering marvels that symbolize the perfect blend of strength and innovation. Crafted from robust steel materials, these bridges stand as testaments to durability and versatility. They elegantly span rivers, valleys and roads, connecting communities and facilitating transportation. Steel's remarkable properties, including high tensile strength and adaptability, make it the ideal choice for constructing bridges that endure for generations.

Steel Girder / Bridge:

- **Simplest form of bridge construction.**
- **Consists of horizontal beams supported by piers and abutments.**
- **Typically used for short spans.**

Truss Bridge:

- Utilizes a truss framework for structural support.
- Common types include Warren and Double Warren truss bridges.
- Suitable for both short and long spans.

Arch Bridge:

- Arched shape provides support and distributes weight to abutments or piers.
- Attractive architectural designs are possible.
- Often used for medium to long spans.

Suspension Bridge:

- Main cables hang from towers, and vertical hangers support the deck.
- Provides long clear spans and is often used for major river crossings.
- Iconic examples include the Golden Gate Bridge and Brooklyn Bridge.

Cable-Stayed Bridge:

- Similar to suspension bridges but with shorter cables.
- Cables are attached directly to the deck, often in a fan-like arrangement.
- Efficient for medium to long spans, like the Millau Viaduct in France.

Our Products

JFF
JYOTI FORGE & FABRICATION

Cantilever Bridge:

- Features horizontal beams projecting from vertical supports.
- Allows for long spans without the need for temporary supports.
- Notable examples include the Forth Bridge in Scotland.

Foot Over bridges:

- Small-scale pedestrian bridges often found in parks, gardens and urban areas.
- Designed for aesthetic appeal and functional use.

Railway Bridges:

- Designed to carry goods & passenger trains.
- May vary in design based on the railway type (e.g., high-speed rail, freight rail).

Military Bridges:

- Deployable bridges used by the military for rapid river crossings.
- Examples include Bailey bridges and pontoon bridges.

Highway Bridges:

- Designed to carry road traffic, including cars, trucks, and buses.
- Various designs are used depending on traffic volume and location.

Railroad Pedestrian / Foot Bridges:

- Specifically designed for pedestrians to cross railway tracks safely.
- Often used near train stations and crossings.

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Our Products

DESIGN, MFG, SUPPLY & ERECTION

Conventional Shed:

A conventional steel shed refers to a structure constructed using traditional building methods and materials, with steel being the primary material for the framework and often the exterior cladding.

Materials: Conventional steel sheds typically use steel beams, columns, and purlins for the structural framework. The walls and roof may also consist of steel panels or sheets. It generally uses Hot rolled steel sections.
Custom Design: It can be customed designed as per the requirements in terms of size, shape, and features. They can range from small storage sheds to large industrial or agricultural buildings.
Durability: Steel is known for its durability and resistance to weathering.
Versatility: The sheds are versatile and have several applications such as warehouses, workshops, garages, factory sheds etc.
Cost Consideration: The cost of conventional steel sheds can vary depending on factors such as size, design complexity, and local labour and material costs.
Construction Time: A steel shed can be constructed relatively quickly as compared to RCC structure.
Maintenance: Periodic maintenance is essential to ensure the longevity of the steel components and prevent corrosion.

Multi Storey Steel Building

Coammercial Building

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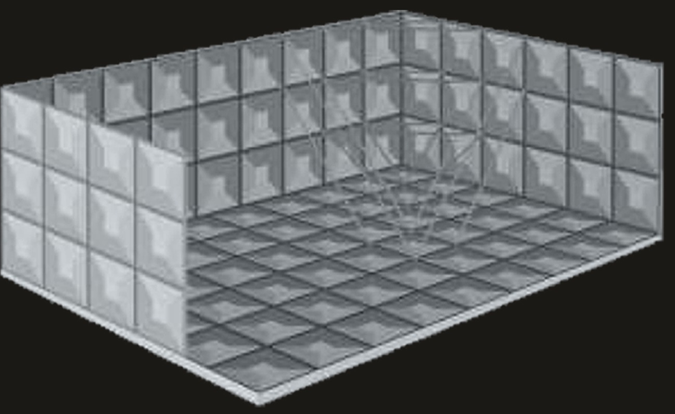
Our Products

Pressure Steel Tanks:



A pressure steel tank is a robust vessel made of steel designed to store substances under high internal pressure. Constructed from high-strength steel, these tanks come in various sizes and pressure ratings to accommodate different industrial needs. They feature welded seams, reinforced walls and safety measures like pressure relief valves and rupture disks to prevent over pressure incidents. Pressure steel tanks find application across industries, such as oil and gas, chemicals, power generation, and food production, where they store and transport gases, liquids, or other substances. Periodic maintenance, including corrosion checks and pressure tests, is essential to ensure their safe operation. We adhere to industry-specific regulations and safety standards is paramount to prevent accidents and ensure the integrity of pressure steel tanks.

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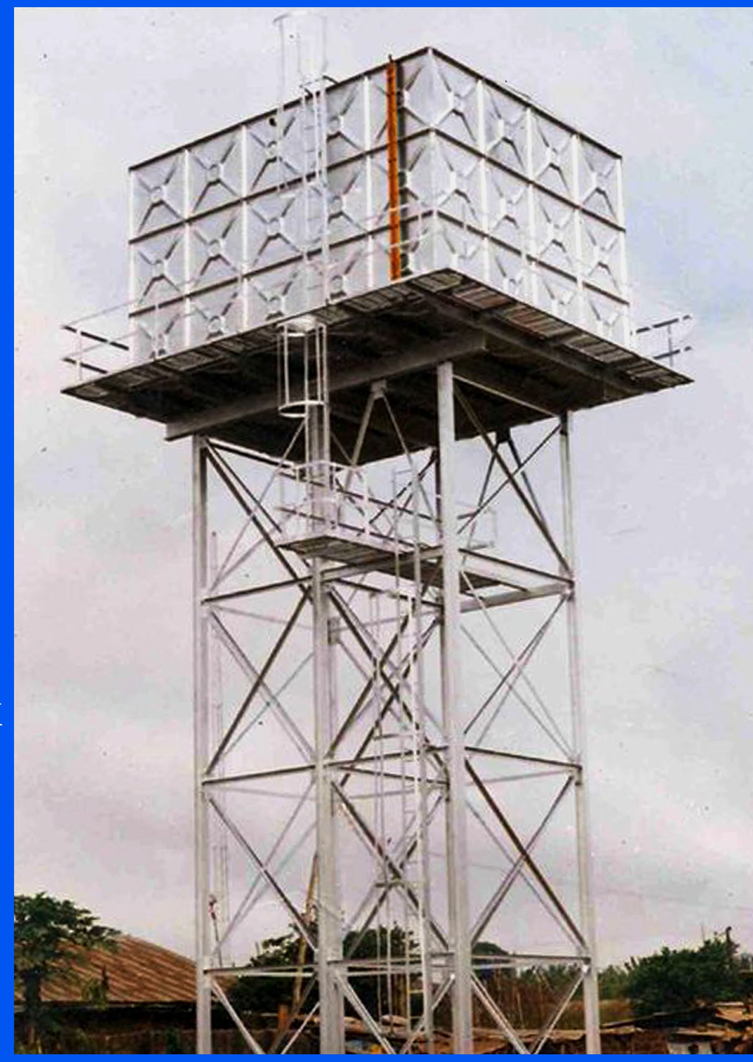
Projects Done

Water Staging:

Jal Jeevan Mission has been actively involved in various water resource management projects to address its annual resources challenges. Under these Schemes, Steel water staging typically refers to a structure made of steel that is used in various industries and applications for access to water bodies, such as rivers, lakes, reservoirs, or even coastal areas. These steel platforms or structures are designed to facilitate tasks like maintenance, monitoring, and access to water for various purposes, such as general population water distribution or industrial processes. Steel is often chosen for its durability and strength, making it suitable for long- lasting installations in aquatic environments. These staging structures can vary in design, size, and functionality, depending on their intended use of capacity varies from 30 KL to 120 KL and loca tion.

Har Ghar Jal
Jal Jeevan Mission
WATER TANK STAGING WORK

Name of the project:
Construction of overhead
tank steel stagging
Client: Jal Jeevan Mission (PHE)
Year : 2021-2022



MACHINERIES

Verticle Type Automatic Beam Welding Machine • Flange Straightening Machine • CNC Plasma Cutting and Plate Drilling Machine • In-House Sand/Grit Blasting, Metalising & Painting • Manual Saw & MIG Welding Radial Drilling & PUG Cutting • Design and detailing of Pre Engineered Building with dedicated softwares and Technology •

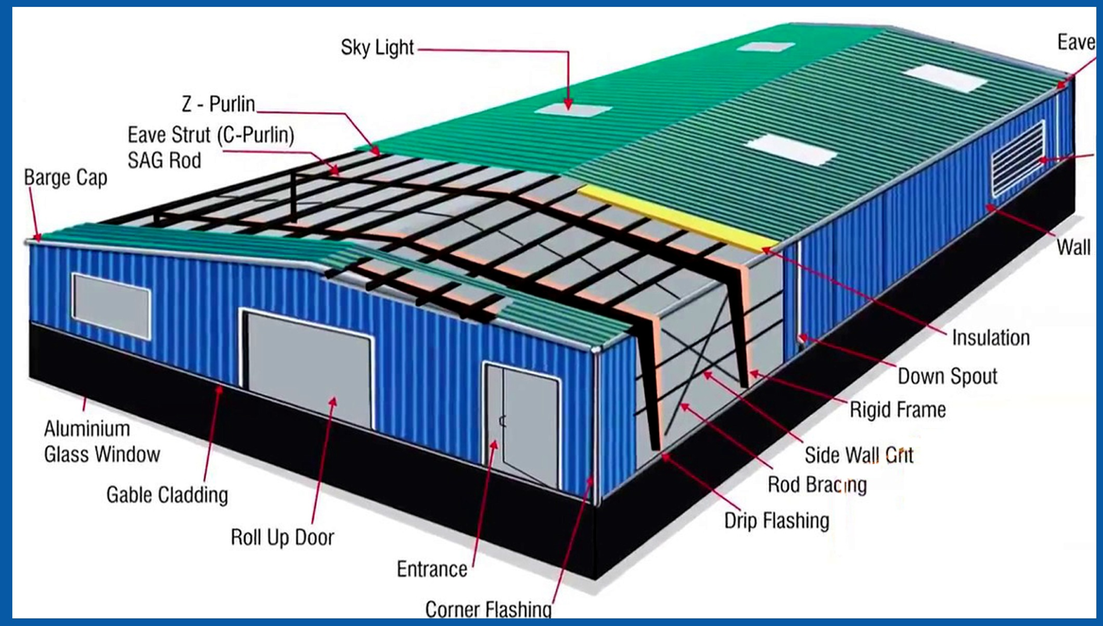
Infrustructure

next *generation fabrication*

With most innovative approach towards the modern day infrusatructural needs accross the country, Jyoti Forge and Fabrication is handling every projects with minute details following international standards with latest technology. JFF expertise rests in delivering flawlessly accurate engeneering excellence within committed time frame to ensure timely completion of the projects by our esteemed client. JFF fabricates steel structures from plates and rolled sections to manufacture Columes, Beams, Rafters, Bracing, Top Griders, Box sections conforming to techinical standards and specifications under IS, ASTM, BS and other global standards to deliver projects viz power plant, steel plant and Railways bridges.

PEB:

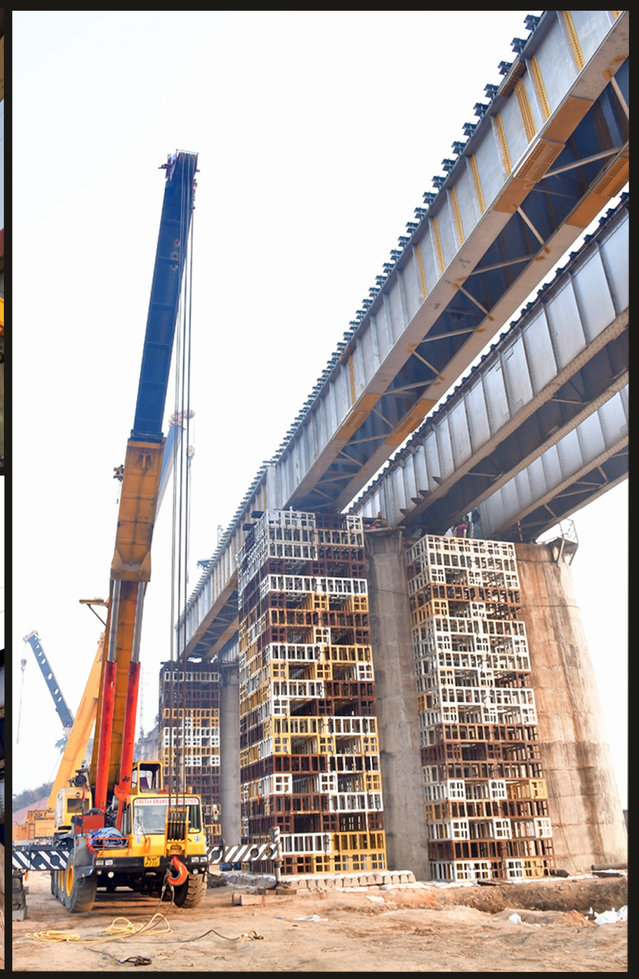
Pre-Engineered Buildings (PEB), is a modern construction methodology where building components are manufactured in a factory and then transported to the construction site for rapid assembly. These components include structural elements like columns, beams and rafters, along with secondary elements such as roof and wall panels etc.



- **Factory-Manufactured Components:** PEBs consist of pre-fabricated structural elements like columns, beams, and roof and wall panels. These components are precisely manufactured in a controlled factory environment.
- **Customizable Design:** PEBs are highly customizable to meet specific project requirements in terms of size, shape, and purpose, making them suitable for diverse applications.
- **Cost-Effective:** The controlled manufacturing process reduces material wastage and labor costs, making PEBs a cost-effective construction solution.
- **Rapid Construction:** Assembly of PEB components at the construction site is faster than traditional construction methods, reducing project timelines significantly.
- **Structural Strength:** PEBs are engineered to meet local building codes and structural requirements, ensuring safety and durability.
- **Energy Efficiency:** PEBs can incorporate energy-efficient features like insulation, efficient ventilation, and natural lighting, leading to long-term energy savings.
- **Sustainability:** Reduced material waste and efficient manufacturing contribute to PEBs' relatively lower environmental impact.
- **Versatility:** PEBs are suitable for a wide range of applications, including warehouses, industrial facilities, commercial buildings, aircraft hangars, and more.

Infrastructure

Launching of *girders*



Erection

Jyoti Forge and Fabrication goes beyond its expertise in structural fabrication to take erection work with the vision of emerging as a professional.

The well trained and committed team of structural engineers and workers manage the erection work at site adhering best quality standards with utmost safety norms.

JFF team plans and executes the erection of structure as per the sequence and within committed time frame to achieve customer satisfactions in all respect.

We change the traditional view of the construction industry

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Size *Doesn't* MATTER

Infrustructure: Factory with covered area of 75000 square foot approx, with 4 nos. EOT crane of 20 ton capacity each and open space 2,25,000 square foot.

Our facilites are well equipped with machinery and emmergency power supply also CNC plasma cutting can cut upto 50mm thickness plate with required profile.

Our Welders are qualified as per ASME Standards and We have established quality systems and will be shortly an ISO 9001, ISO-14001 Certified Company, with ROSO approvals also.

The Engineering Division is powered by a highly qualified, experienced and specifically trained designers. Innovation is a constant mantra in the development of necessary jigs, fixtures and other tooling.

Fabrication facility

Production capacity: 600 MT/month
Products: Pre Engineered Building, Structural Multistoried building and Road Over Bridge-for Railway Composit Girders
Fabrication of Steel Girders of Following sizes:

- Flange 140 mm to 1200 mm, thickness 6 mm to 80 mm
- Web 180 mm to 3000 mm, thickness 6 mm to 80 mm
- Maximum length 20 mtrs.

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SAFETY
QUALITY
ASSURANCE

Our unique fabrication perspective and modularization expertise yields the following benefits to the client and project:

- ☑ Increased safety
- ☑ Cost certainty
- ☑ Schedule certainty
- ☑ Increased quality
- ☑ Reduced staging costs
- ☑ Decreased double handling
- ☑ Reduced equipment and facility rentals
- ☑ Avoid congested lay down area
- ☑ Avoid costly rework time & cost
- ☑ Avoid productivity loss due to inclement weather
- ☑ Reduced numbers of contacts.

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Honourable GM, PCE & CBE / N.F. Rly on reward ceremony
after successful completion of Saraighat Bridge (Br. No. "O") Repairing Work-2018

भारत सरकार
GOVERNMENT OF INDIA

रेल मंत्रालय
MINISTRY OF RAILWAYS

Signature Not Verified
Digitally signed by PRADEEP KUMAR
Date: 2022.08.03 17:02:20 IST
Reason: Sign Final Approval
Location:

RDSO
(B&S, Engineering)
Final Decision Letter

Letter No - **RDSO/108/1901/00023110** Dated **03/08/2022**

To
M /s JYOTI FORGE AND FABRICATION PRIVATE LIMITED-GUWAHATI
H/N-51,Col.J.Ali Road, Lakhtokia Guwahati,Assam - 781001, India

Sub: Decision of Fresh Registration Request
Ref: Your registration request ID **14683** Dated **01/06/2022**

Your application under reference has been processed.

After detailed processing, competent authority has decided the inclusion of your name in the Vendor directory as per the following details: -

Name of the firm	M /s JYOTI FORGE AND FABRICATION PRIVATE LIMITED-GUWAHATI
Registered Address of the Firm	H/N-51,Col.J.Ali Road, Lakhtokia Guwahati,Assam - 781001, India
Mfg. Unit Details	JYOTI FORGE, Village- Moniyari, Chanyani,Mirza Near Mirza Railway Station Kamrup,Assam - 781125, India

Items for which request is approved

Item ID: 3100425, FABRICATION OF STEEL BRIDGE GIRDERS

#	Sub Item	Category	Capacity(Per Annum)
1	**ID:** 3100425002, i) FABRICATION OF OPEN WEB, COMPOSITE & OTHER STEEL PLATE GIRDER (PART A)	Approved	3000

Date of Decision	03/08/2022
Next Quality Audit Due on	03/08/2027

Additional Remarks

#	Details
1	Any change in address of your office or manufacturing units shall be brought to the notice of Director General/B&S, RDSO, Lucknow. You are liable to be dropped from the approved list if your product is found unsatisfactory at any stage of fabrication and inspection or on any other violation as per RDSO ISO documents which are available on RDSO website.

Attached Documents

#	Description	File Name
	No Document attached	

Digitally Signed by
PRADEEP KUMAR
Director BS IV

Otabu

Certificate of Registration

JYOTI FORGE & FABRICATION (MIRZA UNIT)

NEAR MIRZA RAILWAY STATION, CHANYANI MONIYARI, MIRZA, KAMRUP, ASSAM, 781125, INDIA

has been assessed and Certified by Otabu Certification Pvt. Ltd.
as meeting the requirements of:

ISO 9001:2015
Quality Management System

For the following scope of activities:

MANUFACTURING OF HEAVY STEEL STRUCTURE & STEEL GIRDERS

Issue No : 01
Date of Certification: 02 May 2022
1st Surveillance Due: 01 May 2023

Revision No ( ) : NA
2nd Surveillance Due: 01 May 2024
Certificate Expiry: 01 May 2025
(subject to the company maintaining its system to the required standard)

Certificate No:- 0502Q130022
To Verify this Certificate please visit at www.otabucert.com

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF
EGAC 115001A
OTABU CERTIFICATION PRIVATE LIMITED

Dr. Anita Gupta
(Managing Director)

*Validity of the certificate is subject to successful completion of surveillance audit on or before due date (in case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawal). *This Certificate of Registration remains the Property of Otabu Certification Pvt. Ltd. and shall be returned immediately upon request.

Otabu Certification Pvt. Ltd., RZ-9 (Ground Floor), Prem Nagar, Uttam Nagar, New Delhi-110059 (India)
Email:- info@otabucert.com website:-www.otabucert.com

Projects Done

RAILWAY PROJECT

Name of the project:
Supply, Fabrication & Erection of Bow String Rider, 60 Mtr at Basugaon
Approximate Qty.: 450 MT
Client : Hi- Tech
Year: 2023-2024

RAILWAY BRIDGES

Name of the project:
Gauge Conversion Project
Under Dy. Chief Engnieer
N F Railway, Lumding
Approximate Qty: 1500 MT
Client: N F Railway
Year:2018-2019

Projects Done

RAILWAY BRIDGES

Name of the project:
Transportation, Erection & Launching
of 61m span open web girder
with cantilever method
Approximate Qty: 3700 MT
Client: EC Railway
Year:2018--2021

RAILWAY BRIDGE

Name of the Project:
Supply, Fabrication & Erection
of open web girder at Sonapur
Approximate Qty.: 250 MT
Client: Puspas Construction Pvt. Ltd.
Year: 2019-2021

Projects Done

RAIL-ROAD OVERBRIDGE

Name of the project:
Fabrication, Supply, Erection & Commissioning Steel Structure
Qty.: 277 MT
Client : N F Railway
Year: 2020-2021

FOOT OVERBRIDGES

Name of the project:
Fabrication, Supply & Erection of FOB at Kamakhya Gate, Guwahati
Approximate Qty: 150 MT
Client: N F Railway
Year:2020-2021

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Projects Done

APHC

PEB PROJECT

Name of the project: Design, Manufacture, Supply and Erection of Multi storiey PEB for Assam Police
Client: Assam Police Housing Corporation
Year: 2018-2021

Govt of Assam

ROAD BRIDGES

Name of the project:
Supply, Fabrication and Erection of BUG Superstructure as per approved Drawing at Serabhati
Approximate Qty: 1500 MT
Client:Hi-Tech
Year:2022-2023

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KEY OF OUR SUCCESS

HUMAN RESOURCE

For the past 40 years integrity, motivation and expertise have been transferred from a mature generation to a younger one at JFF, resulting in a growing enthusiastic workforce, eager to exceed our clients expectations.

- Quality Assurance & Control
- Management & Administration
- Project Management
- Installation
- Health & Safety Regulation
- Technical Expertise & Engineering
- Production

ORGANIZATION

Our professionalism comes from communication and teamwork between the complementary managers and a dynamic experienced team of structural engineers.

Our quality works come from the perseverance of our technicians and workshop personnel who are certified and highly qualified in the fabrication and welding of structural steel works.

Trust is one of the things we build well.

Together with our partnerur and clients, we work better to develop the most remarkable solutions on the market.

Why We're Different

WE'RE ON TIME AND ON BUDGET
We hit our deadlines and continuously search for the most economical solutions.

WE'RE RELIABLE AND CONSISTENT
Our clients are our partners. We like to keep them informed and satisfied

WE'RE EXPERTS IN PROJECT EXECUTION
We're masters of our craft, and can solve any problem arising from complexity.

WE MAKE COMPLEX SEEM EASY
We engage to build our clients' dreams while making their experience seamless

WE ENSURE QUALITY AND SAFETY.
Our expertise allows for early recognition and limitation of any possible risks.

WE GO THE EXTRA MILE
We are always willing to look beyond our scope boundaries to satisfy our clients

OUR VALUABLE CLIENTELE

NORTHEAST FRONTIER RAILWAY 1958

EAST CENTRAL RAILWAY

INDIAN RAILWAYS

RDSO
Research Design & Standards Organisation

INDIAN RAILWAYS

National Highway Authority of India
NHAI

ASSAM POLICE
Assam Police
Houseing Corporation

CPWD

MILITARY ENGINEER SERVICES
MINISTRY OF DEFENCE

IndianOil

BORDER ROADS ORGANISATION

L&T Construction

PUBLIC WORKS DEPARTMENT
ARUNACHAL PRADESH

SHIVAM CONSTRUCTION

HIGH-TECH
ECOGREEN
CONTRACTORS LLP

NRL

Assam Police Housing Corporation Ltd

ThyssenKrupp

Border Roads Organization

KEC
KEC International Limited

Public Works Department (PWD)

GOVERNMENT OF ASSAM
PUBLIC HEALTH ENGINEERING DEPARTMENT (PHED)

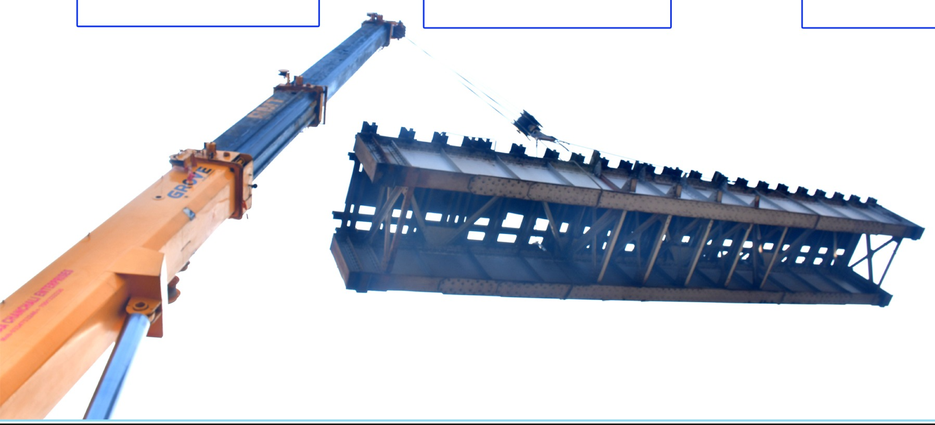
TATA BLUESCOPE STEEL

NHIDCL
BUILDING INFRASTRUCTURE - BUILDING THE NATION

JKM
JKM Constructions GROUP

BIPL
BHARTIA INFRA PROJECTS LTD

ABCI



PWD
Govt of Assam

SS Railworks

Tribeni Constructions Ltd

PECO
Since 1963
A PECO GROUP COMPANY
PECO PROJECTS AND INFRASTRUCTURE PVT LTD

ACHIEVEMENT

जनसम्पर्क कार्यालय, पूर्व रेलवे
PUBLIC RELATIONS OFFICE, EASTERN RAILWAY
समाचार कतरन / PRESS CLIPPINGS

समाचार पत्र के नाम / NAME OF NEWSPAPER MORNING INDIA
संस्करण / EDITION KOLKATA दिनांक / DATE 11.05.2021

ER completes re-girdering of bridge

ER Howrah takes up re-girdering work of bridge no 77 between Prantik and Kopai stations.

MI News Service, Kolkata, May 10, 2021: Eastern Railway's (ER) Howrah Division has successfully completed re-girdering of Bridge no 77 with dimensions 12 x 18.30m between Prantikand Kopai stations on the Sahibganj-Jloop-line section by side slew method. The bridge was constructed in the year 1906 and is about 112 years old. Its total length is 788 ft. and it is a major bridge.The top portion of the bridge called super-structure over which train is moving directly was made of riveted steel girder in the year 1906. The old riveted steel girder has been replaced by the latest RDSO-standard welded plate girder along with new type of H-beam sleeper – first time usedby Eastern Railways. It can carry more train load and provides comfort riding to the passengers of any train.

Eastern Railway's Howrah Division Bridge Organization Team, with the support of other departments viz Permanent Way team, traction department, operating, RPF and medical made it successfully completed in three consecutive Sundays, without affecting the normal train movement,strictly following all COVID-19 protocol.

जनसम्पर्क कार्यालय, पूर्व रेलवे
PUBLIC RELATIONS OFFICE, EASTERN RAILWAY
समाचार कतरन / PRESS CLIPPINGS

समाचार पत्र के नाम / NAME OF NEWSPAPER DAINIK VISWAMITRA
संस्करण / EDITION KOLKATA दिनांक / DATE 11.05.2021

प्रांतिक व कोपई स्टेशनों के बीच पुल का गर्डर बदला गया

कोलकाता, 10 मई (विप्र)। कोविड-19 महामारी की दूसरी लहर के बीच, रेलवे कम यातायात की छाया में कई गंभे समय में लंबित निर्माण कार्यों को पूरा कर रहा है, जिससे संकट को अवसरों में बदल दिया गया है। हाल ही में, मौजूदा संकट के दौरान, पूर्वी रेलवे के हावड़ा डिवीजन ने साहिब गंज लूप लाइन सेक्शन पर प्रांतिक और कोपई स्टेशनों के बीच स्थित 12 X 18.30 मीटर के ट्रिस नंबर 77 को सफलतापूर्वक पूरा किया है। पुल का निर्माण वर्ष 1906 में हुआ था और यह लगभग 112 वर्ष पुराना है। इसकी कुल लंबाई 788 फीट है और यह एक प्रमुख पुल है। पुल का ऊपरी हिस्सा जिसे सुपरस्ट्रक्चर कहा जाता है, जिस पर ट्रेन सीधे चलती है, वह वर्ष 1906 में रिवाइटड स्टील गर्डर से बना था। पुराने रिवेटेड स्टील गर्डर को आरडीएसओ मानक वेल्डेड प्लेट गर्डर से बदल दिया गया है जो नए प्रकार के एच-बीम के साथ संचालित है। स्लीपर पूर्व ईआर में पहली बार है। यह पूरी तरह से अधिक ट्रेन लोड ले जा सकता है और किसी भी ट्रेन के यात्रियों को आराम से सवारी कर सकता है। पूर्व रेलवे का हावड़ा डिवीजन ब्रिज ऑर्गेनाइजेशन टीम अन्य विभागों के समर्थन से, स्थायी मार्ग टीम, ट्रैक्शन डिपार्टमेंट, ऑपरेटिंग, आरपीएफ और मेडिकल ने इस सफलता तीन रविवारों में सफलतापूर्वक पूरा कर लिया, बिना सामान्य ट्रेन की गति को प्रभावित किए सभी कोरोनावायरसकाओं के साथ जनता राज।

जनसम्पर्क कार्यालय, पूर्व रेलवे
PUBLIC RELATIONS OFFICE, EASTERN RAILWAY
समाचार कतरन / PRESS CLIPPINGS

समाचार पत्र के नाम / NAME OF NEWSPAPER DARPAN OF INDIA
संस्करण / EDITION KOLKATA दिनांक / DATE 11.05.2021

Re-girdering of bridge no. 77 between prantik & kopai stations on sahibganj loop line section of er's howrah division

Re-girdering of bridge no.77 between Prantik and kopai stations.

JOCCORRESPONDENCE

Kolkata, 10 May: Amidst the 2nd wave of covid-19 ERs Howrah division has successfully completed re-girdering of Bridge No. 77 between Prantik & Kopai stations on the Sahibganj Loop line section by side slew method.

The bridge was constructed in the year 1906 and is about 112 years old. Its total length is 788 ft. and it is a major bridge.

The top portion of the bridge called super-structure over which train is moving directly was made of riveted steel girder in the year 1906. The old riveted steel girder has been replaced by RDSO -standard welded plate girder which is latest type of H-beam sleeper – first time in ER. It can carry more train load and provides smooth comfort riding to the passengers of any train.

Eastern Railway's Howrah Division Bridge Organization Team with the support of other departments viz Permanent Way team, Traction Department, Operating, RPF and Medical made it successfully completed in three consecutive Sundays, without affecting the normal train movement maintaining with all the formalities of COVID protocol.

जनसम्पर्क कार्यालय, पूर्व रेलवे
PUBLIC RELATIONS OFFICE, EASTERN RAILWAY
समाचार कतरन / PRESS CLIPPINGS

समाचार पत्र के नाम / NAME OF NEWSPAPER SAMAGYA
संस्करण / EDITION KOLKATA दिनांक / DATE 11.05.2021

साहिबगंज लूप लाइन सेक्शन में सफलतापूर्वक पूरा हुआ री-गर्डरिंग

कोलकाता, समाज : कोविड-19 महामारी की दूसरी लहर के बीच, रेलवे कम यातायात के दौरान कई लंबित निर्माण कार्यों को पूरा कर रहा है। हाल ही में पूर्व रेलवे के हावड़ा डिवीजन ने साहिबगंज लूप लाइन सेक्शन के प्रांतिक और कोपई स्टेशनों के बीच स्थाइ ब्रिज विधि द्वारा ब्रिज नंबर 77 की स्पैन 1218.30 मीटर की री-गर्डरिंग को सफलतापूर्वक पूरा कर लिया है। मालूम हो कि पुल का निर्माण वर्ष 1906 में हुआ था और यह लगभग 112 वर्ष पुराना है। इसकी कुल लंबाई 788 फीट है और यह एक प्रमुख पुल है।

जनसम्पर्क कार्यालय, पूर्व रेलवे
PUBLIC RELATIONS OFFICE, EASTERN RAILWAY
समाचार कतरन / PRESS CLIPPINGS
POSITIVE NEWS

समाचार पत्र के नाम / NAME OF NEWSPAPER DARPAN OF INDIA
संस्करण / EDITION KOLKATA दिनांक / DATE 11.05.2021

Re-girdering of bridge no. 77 between prantik & kopai stations on sahibganj loop line section of er's howrah division

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जनसम्पर्क कार्यालय, पूर्व रेलवे
PUBLIC RELATIONS OFFICE, EASTERN RAILWAY
समाचार कतरन / PRESS CLIPPINGS

समाचार पत्र के नाम / NAME OF NEWSPAPER AAJKAL
संस्करण / EDITION KOLKATA दिनांक / DATE 11.05.2021

सेतु मेरामति

लोकाल ट्रेन बन्ध। रेल लाईने चाप कम। एई अवस्थाके काजे लागिये साहिवगंज लुप लाईने प्रान्तिक ओ कोपाईयेर मध्ये सेतु मेरामतिर काज शेष करल पूर्व रेल। ११२ बछरेर पुरनो ब्रिजटि अनेक दिन धरेई मेरामतिर चेष्टा करछिल रेल। व्याप्ततार कारणे हयनि। आंशिक लकडाउनेर सुयोगके काजे लागिये आरओ किछु मेरामतिर काज शेष करा हबे।

Amidst the second wave of covid-19 ERs Howrah division has successfully completed re girdering bridge no.77 between Prantik and Kopai stations.The bridge is 112 years old.Railway is complemany long standing works in the shadow of lesser traffic.

Appreciation

JFF
JYOTI FORGE & FABRICATION

NORTHEAST FRONTIER RAILWAY

Office of the
General Manager (Works)
Maligaon, Guwahati-781 011

Dated 01.03.2018

Certificate of Appreciation

Awarded to
Jyoti Forge & Fabrication Pvt. Ltd,
Col. J. Ali Road, Lakhtokia, Guwahati-781001

for sincerity, hard work and dedication of your Company for completing a challenging Bridge work of Re-girdering of Bridge No. 50 (River Tangon) (span 2x12.2+4x18.3+1x30.5m) under mega traffic blocks before Target. The work was a challenge for N.F.Railway because Electrification of Old Malda-Singhabad section was struck-up due to less vertical clearance available in this Bridge. The hard work and professionalism displayed by your Company is incredible.

I congratulate you and wish you a great success in future.

1.3.18
(Mohan Lal)
Chief Bridge Engineer/N.F. Railway
Maligaon.

NORTHEAST FRONTIER RAILWAY

Office of the
General Manager
Maligaon, Guwahati-781 011

Dated 29.01.2018

Certificate of Appreciation

Awarded to
Jyoti Forge & Fabrication Pvt. Ltd,
Col. J. Ali Road, Lakhtokia, Guwahati-781001

for sincerity, hard work and dedication of your Company for completing a challenging Bridge work of Strengthening of Intermediate Rail Bearers and Rectification of Titled Bearings of 1.3 Km long Rail-cum-Road Bridge No. '0' (Saraighat)over Brahmaputra River under traffic blocks before Target. The hard work and professionalism displayed by your Company is incredible.

I congratulate you and wish you a great success in future.

29/1/18
(Chahatey Ram)
General Manager/N.F. Railway
Maligaon.

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