

# NIAARA INDUSTRY

WE BUILD A SAFER TOMORROW

MANUFACTURERS OF COMPLETE REINFORCEMENT AND FENCING PRODUCTS

- Welded Wire Mesh
- Chain Link Fencing
- Razor Wire
- Binding Wire
- Barbed Wire
- Reinforcement Mesh
- Gabion Box

# Introduction

Niaara Weldfab Industries was established to cater the Construction & Security demands in the modern world. We are Manufacturer of Welded Wire Mesh, Chain Link Fencing, Concertina Coils, Barbed Wire. These are Manufactured by utilizing high-grade raw material, the range is popular for its characteristics like flexibility, long life, durability and authenticity. Owing to its unmatched attributes, the range is used in various application areas like highway fencing, Floor Gratings, concrete reinforcement, poultry cages and industries such as cement, power and others. Our infrastructural set up is our biggest strength which help us to run our business operations efficiently and effectively. We possess a state-of-the-art technology to face the global challenges. We have a well equipped in-house production unit which is capable of culminating incomparable products. Our production unit boast of world class machineries which work on low cost and yield excellent results. We constantly invest in the technological upgradation to remain abreast of the changing trends in technology and the global market. We have a team of highly qualified professional striving to come out with innovative concepts for the convenience of our clients. Our spacious and state of the art warehouse is the backbone of the company and have the capability to store bulk volumes of products. Owing to our prompt delivery, ingenious team of professionals and client focused approaches, we have been able to attain a huge client base.

The key factors for which we have received admiration from our clients all across the country include:

- Timely delivery
- Ultra-modern infrastructural facility
- Hardworking team of professionals
- Qualitative range
- Ability to handle bulk orders
- Cost effectiveness of the entire range
- Ethical business policies



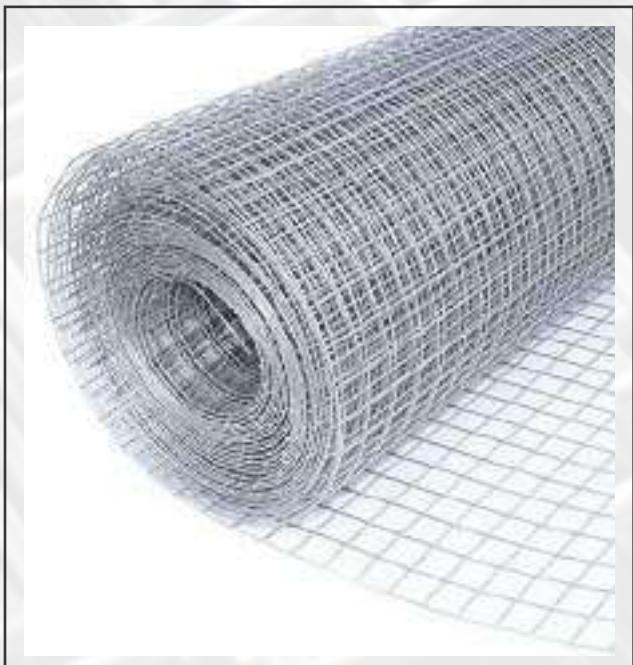
# Welded Wire Mesh / Anti Climb Fence

The Anti-Climb fence is a unique perimeter security product that maintains a guarded display of visual screening balancing the need to delay and deter an attack. The distinguishing feature of Anti-Climb is the anti-scale and anti-cut welded wire mesh. This makes it very difficult to get a foothold on this fence, and the cutting implements required to sever its welded heavy steel wire cannot fit into the minimal spaces of the mesh.

WELDED WIRE MESH is made of high quality, generally Hard Drawn Mild Steel Wire, Hot Dipped Galvanised Steel Wire or Stainless Steel Wire through automatic process and sophisticated welding technique, laid horizontally and vertically, individually welded at every intersection. The end product is level and flat with sturdy structure. Welded wire mesh is extensively used in defense industry, agriculture, infrastructure, concrete re-enforcement transportation, fencing, and mining.

## Specifications:

STANDARD MESH IN ROLL/ SHEET FROM 600MM TO 3000MM IN WIDTH		
<b>MESH</b>		<b>WIRE GAUGE</b>
INCH	Mm	Mm
1/2x1/2	12.5mm x 12.5mm	1 mm TO 4 mm
3/4x3/4	20 mm x 20 mm	1 mm TO 4 mm
1x1	25 mm x 25 mm	2 mm TO 4 mm
1x2	25 mm x 50 mm	2 mm TO 5 mm
1x3	25 mm x 75 mm	2 mm TO 6 mm
2x2	50 mm 50 mm	1.3 mm TO 5 mm
3x3	75 mm x 75 mm	1.3 mm TO 6 mm
4x2	100 mm x 50 mm	2 mm TO 8 mm
4x4	100 mm x 100 mm	2 mm TO 8 mm
6"x6"	150 mm x150 mm	2.5 mm TO 8 mm
8x8	200 mm x 200 mm	2.5 mm TO 8 mm
10x10	250 mm x 250 mm	2.5 mm TO 10 mm

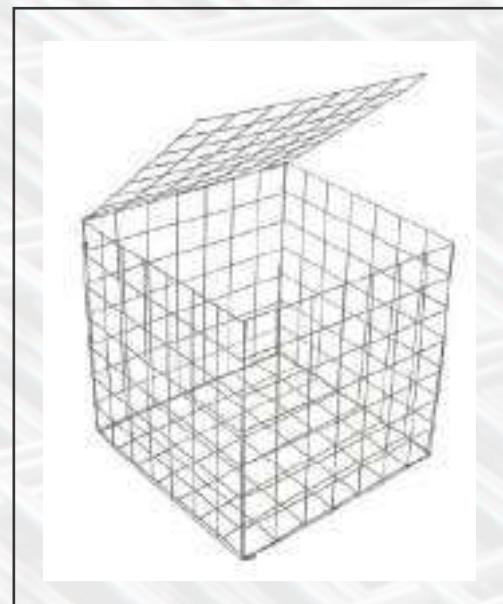


# Welded Mesh Gabion Boxes

Welded Gabion Boxes are made of steel wire mesh, laced together and filled with stones to form monolithic structures that can provide a cost effective and sometimes unique solution to many problems in river works, soil stabilization, flood and scour protection and coastal defense.

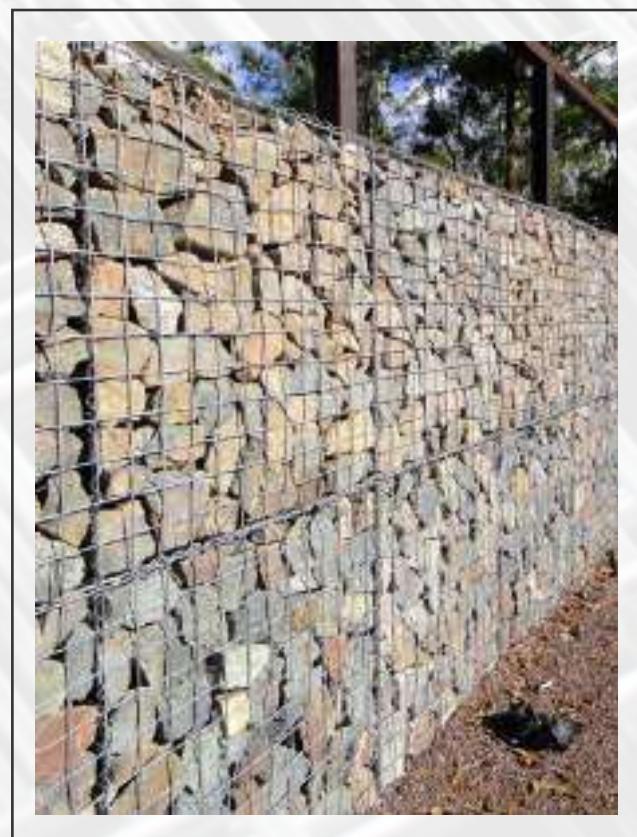
Gabion boxes applications:

- Control and guide of water or flood
- Flood bank or guiding bank
- Preventing of rock breaking
- Water and soil protection
- Bridge protection
- Strengthening structure of soil
- Protection engineering of seaside area.



Specifications:

Opening (mm)	Wire Diameter(Metal Wire) (mm)	Wire Diameter (PVC Coated)/ Inner/Outside(mm)	Strands
60 X 80	2.0-2.8	2.0/3.0-2.5/3.5	3
80 X 100	2.0-3.2	2.0/3.0-2.8/3.8	3
80 X 120	2.0-3.2	2.0/3.0-2.8/3.8	3
100 X 120	2.0-3.4	2.0/3.0-2.8/3.8	3
100 X 150	2.0-3.4	2.0/3.0-2.8/3.8	3
120 X 150	2.0-4.0	2.0/3.0-3.0/4.0	3



# Welded Wire Reinforcement Mesh For Construction (WWR)

We are leading manufacturer of reinforcing mesh, as well as a supplier of concrete reinforcing wire products. The reinforcing is recognized in the concrete reinforcement market with a reputation for quality products, as well as for a highly professional and superior service.

The Welded Wire Reinforcement Mesh is a custom made product as per the project requirement with variable dimensions and is used for structural concrete applications, replacing traditional steel rebar reinforcement. The main features of the engineered welded wire reinforcement are: less steel area for the same resistance, 3to 4times faster installation and ensures full compliance with the design during installation.



Standard	Description
IS 1566:1982	Specification for the hard drawn steel wire fabric for concrete reinforcement.
BS 4482:1998	Specification for cold reduced mild steel wire for the reinforcement of concrete.
BS 4483:1998	Specification for welded steel fabric for the reinforcement of concrete.

## Characteristic Strength

BS 4482:1998 and 4483:1998 stipulate the minimum requirement for characteristic yield strength of welded fabric.

Grade	Min.Characteristics Strength N/mm <sup>2</sup>
485	485
500	500

## Fusion Weld

Pressure combined with heat fuses the parent material to form the weld and can withstand shear strength of 240 Mpa and confirms to ASTM (American Society for Testing Materials) standards. It resist higher shear load since no foreign material is used in the welding process.

**The many benefits of the structural WWR There are several benefits over traditional rebar installation such as:**

- WWR is made from higher yield strength steel, up to 80 Ksi compared to regular rebar at 60 Ksi, offering the possibility to reduce the steel content by as much as 27%.
- WWR is easier and faster to install with smaller crews compared to individual rebar placing and hand tying.
- Loose large rebar replaced by smaller wire closer, welded together and equally-spaced offering better crack control, thus improving quality of concrete products.
- WWR ensures proper positioning in concrete forms as required in the drawings with quick and easy quality control inspection.
- WWR can be bent and rolled to fit your concrete projects.
- Reduced time schedule, less labor, less steel content, less transportation and great quality concrete products.

# Welded Wire Reinforcement For Tunnel / Mine Support (WWR)

Welded wire mine support mesh is a common seen and widely used type in coal mine supporting mesh. It is efficient and energy saving type supporting mesh. Adopts thicker steel wires or reinforced bars as material, the welded wire meshes are spot welded into tough structure with square meshes. Compared with chain link mesh and other woven wire meshes, the solid weld point supplies double protection for the roadway. Additional, the solid structure can improve the stability and safety coefficient. It can make the construction faster and easier. The welded wire mesh is available for shotcrete applications to make the construction faster, easier and safer.

New Concept Tunnel / Mining supplies Welded Mesh which can be used for permanent areal coverage in any excavation in mines. The mesh can be fitted between rockbolts, or other support, to further consolidate the excavation and prevent the fallout of smaller rocks between support.

## Specifications Of Welded Wire Tunnel / Mine Support Mesh

- Material: low carbon steel wire or galvanized steel wire.
- Wire diameter: 2 mm to 10 mm. Special sizes can be customized.
- Mesh size: commonly is 30 mm x 30 mm, 50 mm x 50 mm, 100 mm x 100 mm, 150 mm x 150 mm, 200 mm x 200 mm.
- Panel size: 1 m x 2 m is the most widely used. Special sizes can be customized.



## Features Of Welded Wire Tunnel / Mine Supporting Mesh

- High precision and little tolerance.
- Made of high tensile strength steel wires.
- Various configurations and sizes.
- Solid structure for durable life.
- Easy to install and replace.
- Suitable for shotcrete applications.
- Used for loose strata to avoid rock falling.

# Chainlink Fencing

Chain link fencing is very cheap, low in maintenance, and it is highly functional compared to a brick wall. It is a useful option for residential and commercial set-ups. The low cost and the ease of installation makes it an instant solution in all settings. Chain link fences are also used for partitions and also to temporarily secure construction sites. Chain link fencing is the least expensive fencing option available, ideal for homeowners on a budget. Especially if you require a fence for a large space, A chain link fence is just what you need whether for temporary or for permanent use.

Chain link fences are made of galvanized steel wire / PVC coated wire or Stainless steel wires. These wires are inter woven into mesh. This net-like configuration is commonly known as Fabricof chain link fence. The woven mesh is secured around a specific area via steel / cement / pipe posts, which are deeply entrenched into the ground.

## Coating : There are 2 types of coating available.

- a) Zinc Coating: This ranges from 20gsm to 160gsm per sq.mtr. Zinc coating is done by two methods. Electro Galvanized & Hot dipped Galvanized. We normally use Hot dipped Galvanized wire for chainlink fencing as this type of wire does not get rusted for long time. Electro Galvanized wire normally is not used for chainlink fencing.
- b) PVC Coating: This ranges from 1mm. to 3mm. This kind of coating is smooth in finish and it effectively protects the fence from Rusting. This is longer lasting. PVC chain link fences will cost 20 to 25 percent more than standard galv. chain fencing, but they last twice / thrice longer.

## Galvanized Zinc Coated Vs PVC Coated wire fence

Chain link fences made from galvanized wire are tougher while PVC Coated chain link fences are much more resistant to rust and corrosion than Galvanized chain link fencing. PVC-coated fencing may cost a little extra but it is sure to last twice / thrice than naked galvanized fencing. Green PVC coated chain fences make decent fencing solutions in residential settings. In choosing the best quality coated chain link fence, you have to look at three things: the thickness and strength of the wire, the size of the mesh, and the type of protective coating.



# Specification

Material - Hot Dip Galvanized

PVC Coted/Powder Coated

Wire Dia - 2mm, 2.5mm, 2.7mm, 2.9mm, 3mm, 3.15mm, 4mm

Mesh Size - 25mm X 25mm, 50mm X 50mm, 75mm X 75mm, 100mm X 100mm

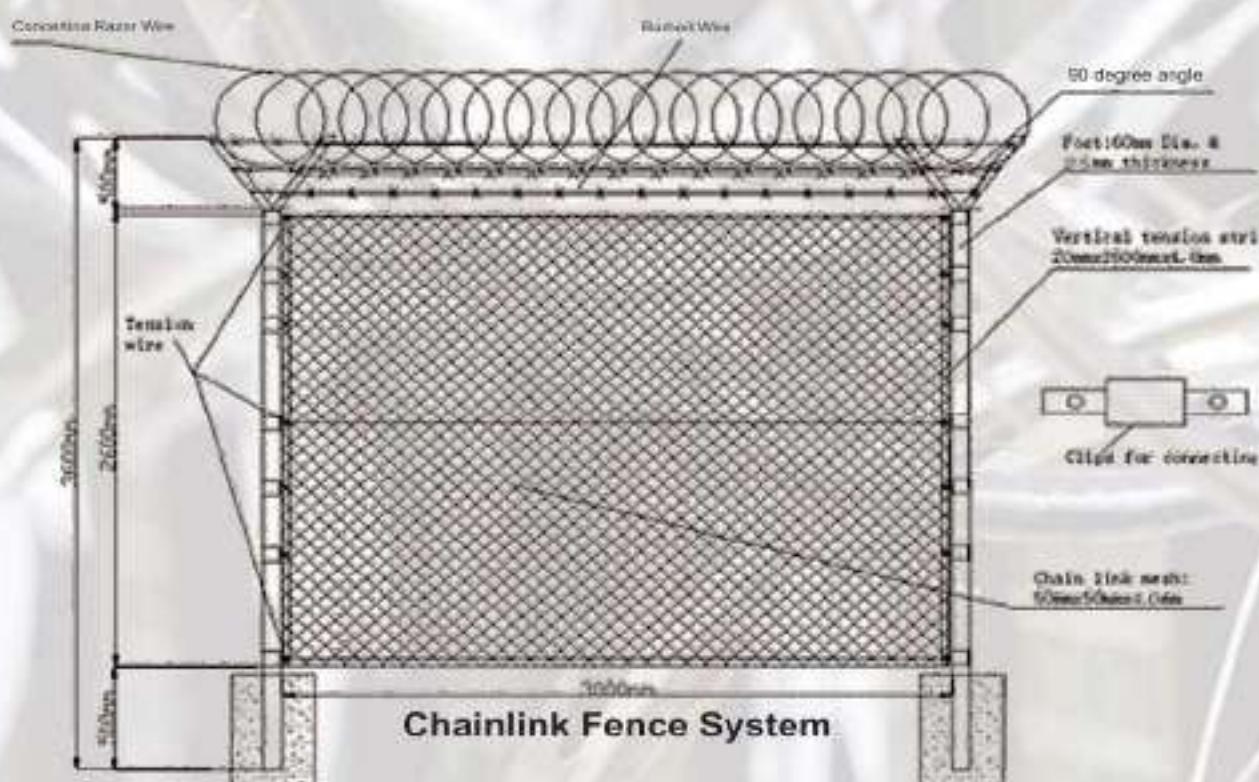
Post Material - Galvanized Steel

Support Post - 40mm, 50mm, 75mm

Height - As per customer requirement

Minimum - 1mtr

Maximum - 4 mtr



## Y Arm/Beam For Concertina

### Specifications

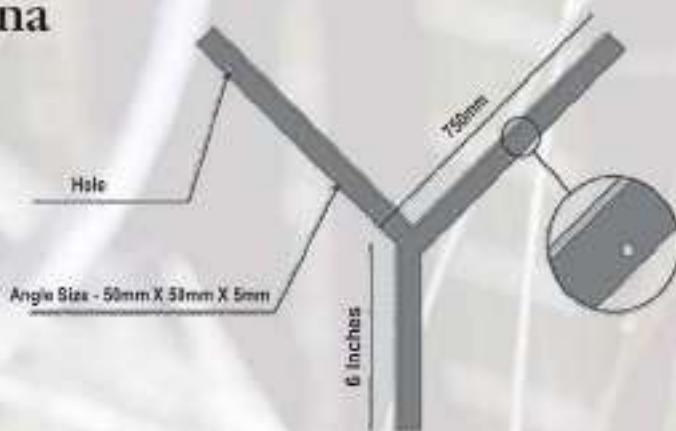
Angle Thickness - 5mm

Angle Size - 50mm X 50mm

Height of base Arm after installation - 6 inches

Distance between 2 Y arms - 3mtrs

(customised solution as per customer requirement)



# Razor Wire

Our precious clients can avail from us an optimum quality range of Razor Wire that has sharp edges whose purpose is to prevent passage by humans. We offer this wire in different length, thickness and specifications as per the demands of our clients. The offered wire has a central strand of wire and a steel tape punched into a shape with barbs. Moreover, this wire is tested on different parameters by our quality examiners.

## Features:

- Sturdiness
- Crevice corrosion
- Easy to install
- Impeccable strength
- Tough construction

## Specifications

Blade Length - 11mm & 22 mm

Blade Thickness - 0.5mm

Core Wire of Razor Blade - 2.5mm

Type of Wire - Hot dip Galvanized (40 gsm - 275 gsm)

SS Wire 304

Blade Profile - MBBT Hot dipped GI

Length of Coil - 8 - 10 mtrs in 56 loops

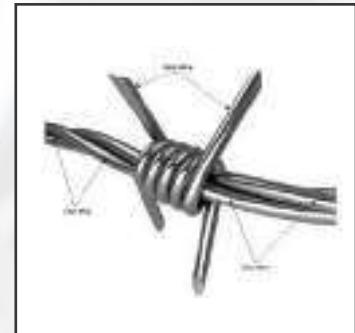
Diameter of Concertina Coil - 450mm, 610mm, 1050mm



# Barbed Wire

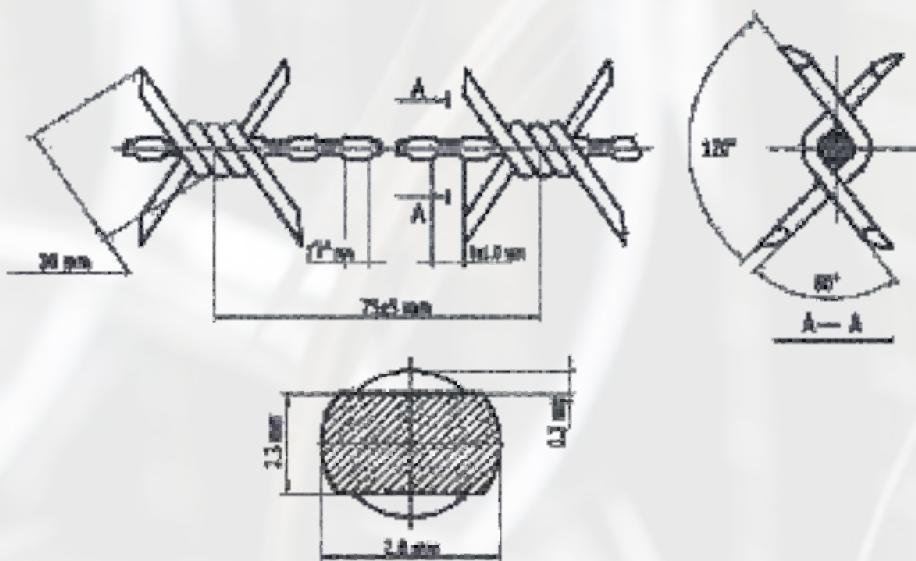


A fencing system mainly aims to create a boundary, a restriction against intruders, burglars, and stray animals. Security fences prioritize on privacy, safety, and protection. There are a wide variety of fences available these days that may suit your goal of increasing the level of security. Some fences seem quite stylish while others are just plain ones. A common and one of the most popular types of fencing is barbed wire fencing. In a barbed wire fence, wires are twisted together making a cord with barbs that project from the fence at short distances of 5 or even 6 inches. This type of fencing system helps keep discouraging animals at bay that would otherwise find a way through your fence.

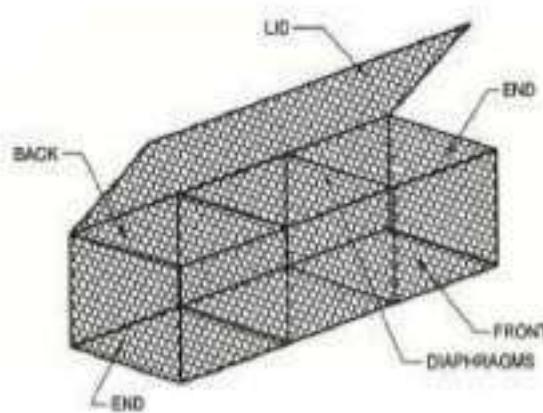


## Standard Specifications

No. of Strands	2 or 3
Barb Type	4 point
Barb Spacing	4"
Wire Type	Standard Galvanized Heavy Galvanized
Length (Approx)	#15 (75m), #20 (100m) #25 (120m), #30 (145m)



## GI and PVC Double Twisted Hexagonal Gabion Boxes



**Gabion Boxes** are rectangular structures made of double twisted, hexagonally woven steel wire mesh. They comprise of compartments separated by internal diaphragm walls. The boxes are filled with natural stone at the project site to form structures that are solid, flexible, durable and permeable.

Gabion boxes are applicable wherever there is a requirement for earth retention and reinforcement. They are used as retaining walls, water channel linings, river barriers, for protection of railways and roadways, weirs, revetments, slope protection and for flood control and erosion control. Their anti-corrosion properties

make them immensely suitable as environmental and geo-technical building blocks.

Our Gabion Boxes are as per **ISI Standards**. They come in a variety of sizes and are either PVC coated or Zinc coated according to the project requirements. We take particular care to conform to technical specifications and strength requirement for each Gabion box project that we are entrusted with. Our attention to detail and firm commitment to quality make us a world-class manufacturer of Gabion boxes.

**Min Mass of Zinc Coating for Heavily Coated, Soft Type for Different Wire Used in Gabion, Revet Mattress & Rockfall Netting**

S. No.	Nominal Diameter of GI Wire (mm)	Mass of Zinc Coating (g/m <sup>2</sup> )	Permitted Tolerances on Wire Diameters (mm)
i	2.00	240	± 0.05
ii	2.20	240	± 0.06
iii	2.40	260	± 0.06
iv	2.70	260	± 0.07
v	3.00	270	± 0.08
vi	3.40	270	± 0.09
vii	3.90	280	± 0.10



**MESH TYPE AND NOMINAL SIZE: 'I'**



Easy to  
Install



Cost  
Saving

## Mesh & Box Characteristics

S.No	Characteristics			
1	Mesh Type	100X120		
		D = 100 mm		
		Only Zinc Coating		Zn + PVC Coated
2	Mesh Wire Dia (mm)	2.70	3.00	2.70/3.70
3	Edge / Selvedge Wire Dia (mm)	3.40	3.90	3.40/4.40
4	Lacing Wire Dia (mm)	2.20	2.20	2.20/3.20
5	PVC Coating Thickness (mm)	N/A		Nominal - 0.50
				Minimum- 0.40
6	Minum Tensile Strength (Parallel to Twist) KN/m	32.00	40.00	32.00
7	Minum Tensile StrengthPerpendicular to Twist (KN/m)	15.50	20.50	15.50

## Commonly used Gabion Boxes

S.No	L X W X H	Diaphragm	Sq. Mt
1	1.00 X 1.00 X 1.00	---	6
2	1.50 X 1.00 X 1.00	---	8
3	2.00 X 1.00 X 0.30	1	6.1
4	2.00 X 1.00 X 0.50	1	7.5
5	2.00 X 1.00 X 1.00	1	11
6	2.50 X 1.00 X 1.00	1	13
7	3.00 X 1.00 X 0.30	2	9
8	3.00 X 1.00 X 0.50	2	11
9	3.00 X 1.00 X 1.00	2	16
10	3.00 X 1.00 X 1.50	2	21

### Tolerance in Size of Gabion Boxes

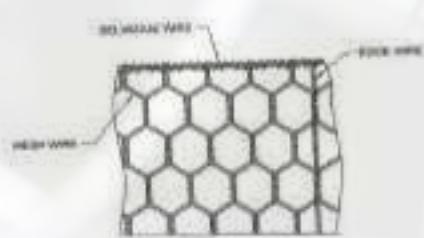
- Length  $\pm 5$  Percent  $\times$  Width  $\pm 5$  Percent
- Height  $\pm 0.3$  m  $\pm 5$  Percent
- Height  $\leq 0.3$  m  $\pm 10$  Percent

### Area Calculation :

$$L \times 2(W+H) + (2 \times \text{No of Diaphragm}) \times W \times H$$

### Example:-

- Box Size : 3.00 X 1.00 X 0.30
- $3 \times 2(1 + 0.3) + (2 \times 2) \times 1 \times 0.3 = 9$



MESH WIRE, SELVEDGE AND  
EDGE WIRE



LACING WIRE  
FOR TYING



BRACING  
WIRE/STIFFENER



Light  
Weight



Easy to  
Recycle

## TECHNICAL SPECIFICATION OF WIRE MESH



The tolerance on the nominal opening of mesh 'D' being the distance between the axis of two consecutive twists, is according to IS 16014:2018.

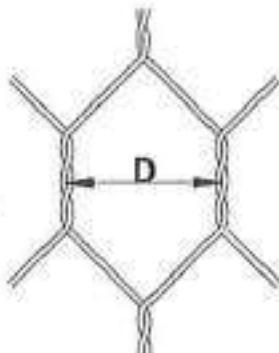


Figure: 1 – Double Twisted wire mesh

Steel woven wire mesh is to be used along with spot bolts as suggested by the design engineer to prevent rocks and debris from falling. The mesh shall consist of zinc coated double twisted steel woven wire mesh, with mechanical characteristics as per IS 16014:2018 and MoRTH (5<sup>th</sup> revision): Clause 2500.

Double twisted steel wire mesh has to be used (fig 1) as it can easily withstand the force of falling rocks without unravelling in the event of wire breakage.

### Wire Mesh specification:

Steel wire is to be used and it should be Galvanized with Zinc Coating.

Tolerance (mm) -  $\pm 10\%$

Wire Diameter (mm) – 2.7

Mesh Tensile Strength – 40 KN/m

Mesh Punch Strength – 25 KN/m

D (mm) - 100

Wire Tolerance and Coating	
Wire Dia	2.7 mm
Wire tolerance ( $\pm$ ) $\phi$ mm	0.07
Min Zinc Qty gm/m <sup>2</sup>	260

### Notes:

- The nominal tensile strength of the wire mesh shall be as per the specification given in the table above and tests shall be performed as per IS 16014:2018.
- The Punch Strength of the wire mesh shall be as per the specification given in the tables above and tests shall be carried out as per IS 16014:2018.
- When mesh is tested at 50% of the nominal tensile strength in accordance with IS 16014:2018, the wire shall not show cracks in the organic coating within double twist region.
- All tests on the wire shall be performed prior to the manufacturing of the mesh.

*Mr. Prabhakar*

**Why Fencemaster?**

At Fencemaster, we are in every area of the industry. We are the largest manufacturer of welded wire mesh, reinforcement mesh, chain link fencing, razor wire, binding wire, barbed wire and more. We are the largest producer of woven wire mesh in the Americas. We are the largest producer of chain link fencing in the Americas. We are the largest producer of reinforcement mesh in the Americas. We are the largest producer of barbed wire in the Americas. We are the largest producer of razor wire in the Americas. We are the largest producer of binding wire in the Americas. We are the largest producer of welded wire mesh in the Americas. We are the largest producer of chain link fencing in the Americas. We are the largest producer of reinforcement mesh in the Americas. We are the largest producer of barbed wire in the Americas. We are the largest producer of razor wire in the Americas. We are the largest producer of binding wire in the Americas.

**Product Samples**



**Welded Wire Mesh**



**Reinforcement Mesh**



**Chain Link Fencing**



**Razor Wire**



**Binding Wire**



**Barbed Wire**



**Accessories**



**Industrial**



**Residential**



**Commercial**



**Automotive**



## PRODUCT SAMPLES



**Industrial**



**Construction**



**Manufacturing**



# Binding Wire



To meet diverse requirements of our clients, we are manufacturing and supplying a comprehensive range of Binding Wire it includes 25 kg HDPE Packing and 50 kg bundle . This binding wire is widely used in various domestic and commercial areas. Binding Wire is used for the purpose of tying applications in the field of construction.

It is used extensively in the construction sector for tying the rebars at the joints so as to keep the structure intact. Binding wire is also called annealed wire and is made of mild steel.

## Features:

- Shock proof
- Excellent conductivity
- High tensile strength



## Notes



# Certificate

This is to Certify that

## NIAARA WELDFAB INDUSTRIES

G 279, Masuri Gulawathi Road Industrial Area, Phase-1,  
Ghaziabad, Uttar Pradesh-201015, India

has been found in Compliance with requirements of

## Quality Management System **ISO 9001:2015**

for the following scope:

Manufacturing and Supply of Welded Wire Mesh, Reinforcement Mesh,  
3d Welded Mesh, Anti Climb Welded Wire Mesh, Gabion Boxes,  
Chain Link Fencing, G.I & M.S Binding wire, Barbed Wire,  
Razor Wire, GFRP Rebars and Geo Textile

Certificate No : **QCC/7BC7/0225**

Issue Date : **15-February-2025**

1st Surveillance Due : **14-January-2026**

2nd Surveillance Due : **14-January-2027**

Expiry Date : **14-February-2028**

To check this certificate status visit:  
<https://qccertification.com/Client.aspx>

Authorised Signature

### Quality Control Certification

2nd Floor, Aman Market,  
Narela Mandi, Delhi - 110 040, India  
Website: <https://qccertification.com>



**EAS**  
Certification Body QMS 0004



**EAS is member of International Accreditation Forum (IAF)**

"Quality Control Certification (QCC)" accredited by "Ethiopian Accredited Service (EAS)".  
This certificate remains the property of "QCC" to whom it must be returned on request.





भारत सरकार

Government of India

सूक्ष्म, लाखु एवं स्थानीय उद्यम मंत्रालय

Ministry of Micro, Small and Medium Enterprises


  
मित्र, लाखु एवं स्थानीय उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES

## UDYAM REGISTRATION CERTIFICATE

UDYAM REGISTRATION NUMBER

UDYAM-DL-01-0029008

NAME OF ENTERPRISE

M/S NIAARA WELDFAB INDUSTRIES

TYPE OF ENTERPRISE \*

SNo.	Classification Year	Enterprise Type	Classification Date
1	2022-23	Micro	30/03/2023

MAJOR ACTIVITY

MANUFACTURING

SOCIAL CATEGORY OF ENTREPRENEUR

GENERAL

NAME OF UNIT(S)

S.No.	Name of Unit(s)		
1	NIAARA WELDFAB INDUSTRIES		

OFFICIAL ADDRESS OF ENTERPRISE

Flat/Door/Block No.	17A/56	Name of Premises/Building	NIAARA WELDFAB INDUSTRIES
Village/Town	DELHI	Block	BAEMENT
Road/Street/Lane	AJMAL KHAN ROAD KAROL BAGH	City	DELHI
State	DELHI	District	CENTRAL, Pin 110005
Mobile	9871725250	Email:	sales.niaara@gmail.com

DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE

10/11/2022

DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS

03/01/2023

NATIONAL INDUSTRY CLASSIFICATION CODE(S)

SNo.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity
1	24 - Manufacture of basic metals	2410 - Manufacture of basic iron and steel	24108 - Manufacture of wire of steel by cold drawing or stretching	Manufacturing

DATE OF UDYAM REGISTRATION

30/03/2023

\* In case of graduation (upward/reverse) of status of an enterprise, the benefit of the Government Schemes will be availed as per the provisions of Notification No. S.O. 2119(E) dated 26.06.2020 issued by the M/o MSME.

Disclaimer: This is computer generated statement, no signature required. Printed from <https://udyamregistration.gov.in> & Date of printing: 30/03/2023

For any assistance, you may contact:



(Amended)

Government of India  
Form GST REG-06  
*[See Rule 10(I)]*

Registration Certificate

Registration Number :09AAUFN6655L1Z9

1.	Legal Name	NIAARA WELDFAB INDUSTRIES											
2.	Trade Name, if any	NIAARA WELDFAB INDUSTRIES											
3.	Additional trade names, if any												
4.	Constitution of Business	Partnership											
5.	Address of Principal Place of Business	G 279, Masuri Gulawathi Road Industrial Area, Phase-1, Ghaziabad, Ghaziabad, Uttar Pradesh, 201015											
6.	Date of Liability	10/11/2022											
7.	Date of Validity	From	03/01/2023	To	Not Applicable								
8.	Type of Registration	Regular	 Signature Not Verified										
9.	Particulars of Approving Authority	Digitally signed by DS_GODS AND SERVICES TAX ACT, 2017 TAX NETWORK OF Date: 2023/02/03 14:30:17 IST											
Signature													
<table border="1"><tr><td>Name</td><td>Malvika Srivastava</td></tr><tr><td>Designation</td><td>Assistant Commissioner</td></tr><tr><td>Jurisdictional Office</td><td>Ghaziabad Sector-7</td></tr><tr><td>9. Date of issue of Certificate</td><td>03/02/2023</td></tr></table>						Name	Malvika Srivastava	Designation	Assistant Commissioner	Jurisdictional Office	Ghaziabad Sector-7	9. Date of issue of Certificate	03/02/2023
Name	Malvika Srivastava												
Designation	Assistant Commissioner												
Jurisdictional Office	Ghaziabad Sector-7												
9. Date of issue of Certificate	03/02/2023												
Note: The registration certificate is required to be prominently displayed at all places of Business/Office(s) in the State.													

CERTIFICATE NO:  
DIPP194217



#startupindia

Government of India  
Ministry of Commerce & Industry  
Department for Promotion of Industry and Internal Trade

# CERTIFICATE OF RECOGNITION

*This is to certify that **NIAARA WELDFAB INDUSTRIES** registered as a **Registered Partnership** on **01-02-2024**, is recognized as a startup by the Department for Promotion of Industry and Internal Trade. The startup is working in 'Construction' Industry and 'Construction Materials' sector as self-certified by them.*

This certificate shall only be valid for the Entity up to **Ten** years from the date of its registration only if its turnover for any of the financial years has not extended **₹ 100 Cr.**

03-03-2025

DATE OF ISSUE

31-01-2034

VALID UPTO





Federation of Indian Chambers of Commerce and Industry

# Membership Certificate

This is to certify that **NIAARA Weldfab Industries** is an esteemed **Start-Ups** member of the **Federation of Indian Chambers of Commerce and Industry** (FICCI), bearing Membership No. SM-669. This certificate shall be valid up to 31/03/2026.

A handwritten signature in black ink, appearing to read 'Vivek Pandit'.

**VIVEK PANDIT**

Assistant Secretary General

Authorised Signatory  
(01/10/2025 - 31/03/2026)



Federation House, Tansen Marg, New Delhi – 110 001 (India)

**Tel:** +91 11 23738760-70 / **Email:** membership@ficci.com / **Website:** www.ficci.in



# दिल्ली मेट्रो रेल कॉर्पोरेशन लिं

(भारत सरकार एवं दिल्ली सरकार का संयुक्त उपकरण)

## DELHI METRO RAIL CORPORATION LTD.

(A JOINT VENTURE OF GOVERNMENT OF INDIA AND GOVT. OF DELHI)

कार्यालय: कार्यकारी निदेशक/ समन्वय-3, लाइन-3 एक्सटेंशन, डी.एम.आर.सी. फैस-4, परियोजना कार्यालय,

निकट मजलिस पार्क, मेट्रो स्टेशन पार्किंग, अरिहंत मार्ग, मजलिस पार्क, नई दिल्ली - 110033

Office of the Executive Director/Co-ordination-3, Line-3 Ext. Dmrc Phase-IV, Project Office,  
Adjacent to Majlis Park Metro Station Parking, Arihant Marg, Majlis Park, New Delhi-110033

DMRC/CPM-3/VAPR/Ph-IV/679/Vol.13/2024/

Dated: 31.10.2025

मेसर्स एफकॉन्स इंफ्रास्ट्रक्चर लिमिटेड,  
(डीसी-05 कार्यालय), मुकुंदपुर  
डीएमआरसी स्टाफ कॉलोनी के सामने,  
मजलिस पार्क मेट्रो स्टेशन, अरिहंत मार्ग,  
मजलिस पार्क, नई दिल्ली-110033

Kind Attn: - Mr. Satya Narayan Kunwar

M/s Afcons Infrastructure Limited,  
(DC-05 office), Infront of Mukundpur  
DMRC Staff Quarters, Opposite to  
Majlis Park Metro Station, Arihant Marg,  
Majlis Park, New Delhi-110033

**Sub: Contract DC-05:** Design & Construction of twin tunnel by shield TBM, Tunnel by Cut& Cover, underground ramp at DerawaliNagar and six underground stations viz. Derawali Nagar, GhantaGhar, Pulbangash, Sadar Bazar, Nabi Karim & Ramakrishna Ashram Marg including architectural finishing, water supply, sanitary installation, drainage works of stations On Janakpuri West to R.K. Ashram Corridor (line-8 ext.) of Phase-IV Of Delhi MRTS: \*- Regarding approval for M/s Niaara Weldfab Industries for supplying Welded Wire Mesh for Contract Dc-05.

Ref: AFC/3574/DC-05/2025/10700

dated-30.09.2025

Vide letter under ref; M/s Afcons Infrastructure Limited had submitted for the approval for M/s Niaara Weldfab Industries for supplying Welded Wire Mesh for Contract Dc-05.

The submission has been reviewed and Notice of No objection (NONO) is hereby accorded to the following subject to the condition that it meets all the technical requirements prior to application at site.

S.No.	Material	Manufactures/Suppliers
1.	Welded Wire Mesh	M/s Niaara Weldfab Industries

Please note that approval is accorded on the condition that performance of the same shall be reviewed from time to time through regular testing, which shall be done as per approved Inspection and Test Plan (ITP) and as per Contract Agreement. In case of any shortcomings observed w.r.t the standards, the approval is liable to be withdrawn.

धन्यवाद।

भवदीय,

AI—

31/10/25

(आलोक कुमार)  
परियोजना प्रबंधक-3वी

Ref.: CEMOSA/BRO/Shinkun La Tnl/AE/2025/Site/065

Date: 27/10/2025

To:

Authorized Signatory

M/s DHARIWAL –EVRASCON (JV)

DSS-68, Sector-15A, Hisar,

Haryana, Pin -125001

Email: - [dhariwalevrasconjv@gmail.com](mailto:dhariwalevrasconjv@gmail.com)[dbl.hisar@rediffmail.com](mailto:dbl.hisar@rediffmail.com)

Subject: Consultancy Services as Authority's Engineer for Supervision of "Construction of Uni-Directional Twin Tunnels at Shinkun La Pass of Length 4.1 Km (approximate length) including Civil and Electrical/Mechanical work along with approaches connecting Darcha-Padam Highway to NHDL Specification in Himachal Pradesh and the UT" of Ladakh under Project Yojak on EPC Mode". –

Regarding: - Approval of Welded Wiremesh of M/s Niaara Weldfeb Industry.

Ref:

1. AE Letter No, CEMOSA/BRO/Shinkun La Tnl/AE/2025/Site/048, dated 01/10/2025

Dear Sir,

With reference to the letter and subject cited above, the third part lab test reports were requested for the mentioned construction material supplied by M/s Niaara Weldfeb Industry. The reports from the third party lab have been thoroughly reviewed and found to be in compliance with the specifications (IS and BIS standards) and accordingly, the final approval is hereby accorded for the use of the above mentioned vendor and their materials in the project works. Approval status of the construction material is enlisted below:

Sr. No.	Description of Material	Approval Status
1	Welded Wiremesh 150x150x6mm	Approved

If the product at site does not satisfy the desired requirements, compliance should be given by the Contractor and Authority Engineer will reserve the right to retest the material at other approved lab or shall be replaced with other approved source without any delay or additional cost to the project.

Thanking and assuring you of our best services,

Yours faithfully,

For Centro de Estudios de Materiales y Control de obra, SA (CEMOSA) in association with Introssoft



Resident cum Tunnel Excavation Expert

Annexures: - Third Part Test Reports (01 page, A4 size)

Copy to: -

1. The Chief Engineer, BRO, HQ, CE Project, Yojak, Pin 931720, C/O 56-APO
2. Project Director, BRO, HQ, Project, Yojak,
3. Joint Director, BRO, HQ, Project, Yojak

Ref: IE/ ALT /Pkg.III/BLR-VJY/2024/P-09/129

Date: 10.10.2025

To,  
Authorized Signatory,  
M/s Cumium Expressways Private Limited  
P2 Portal Base Camp, Narayanampet,  
Sitarama Puram, SP5R Nellore District,  
Andhra Pradesh-524310

Kind attention: Amrit Lal Gautam

Sub: Consultancy Services for Development of Six-Lane Access Controlled Greenfield Highway from Kavulakurilla (Ch.196+000) to Narayanampet (Ch. 203+500) of Bengaluru — Vijayawada Economic Corridor on Hybrid Annuity Mode under Bharatmala Pariyojana Phase-I in the State of Andhra Pradesh (Package-9)- Submission of Source provisional Approval for Welded Wire Mesh from M/s Niaara Industry-Reg.

Ref: Cons letter no. CEPL/NHAI/BKV/PKG9/0217, Dated: 16.08.2025.

Dear Sir,

With reference to the above, the independent Engineers convey their Provisional Approval of construction material Welded Wire Mesh is based on the submitted documents like ISO Certificates, Technical data sheet, Supplied MTC reports & Third-party test reports including previous history for supplying of the various NHAI projects.

Further, IE is advice the concessionaire to enable a visit to the source to authenticate the process and quality assurance system maintained by the manufacturer from raw material to final stock point as per MoRT&H clause 115.4. Concurrently, the IE has conditionally approved the proposal, subject to the validation of the quality standards specified in the Codal provision of the procured material.

Sl.No	Wiremesh Size	Location of Usage
1	150x150x6mm	Tunnel Approaches

In View of above, the following below points must be adhered to the Concessionaire during the Wire Mesh procurement process at the site:

1. Each Lot Consignment of Wire Mesh should be accompanied by valid invoices and manufacturing test certificates (MTC) which should be verified by IE representatives.
2. Every batch of Material received on-site will undergo testing by an NABL accredited laboratory as per IS 4948-2002 & IS 1608-2005, and this will be overseen by IE representative through RFI.
3. The procurement, storage, protection, and utilization of Wire Mesh must comply with the provisions of the Concession Agreement.
4. Only newly acquired lots should be delivered to the site, and each item must be examined prior to utilization. Any defective, burnt, brittle, or cracked bars should be discarded.



ALTINOK INDIA OFFICE: ALTINOK CONSULTING  
ENGINEERING PVT LTD.  
245 2nd Floor, D21 Corporate Park Dwarka Sector 21,  
New Delhi - 110077 INDIA  
Web: [www.altinok.net](http://www.altinok.net), [www.altinokindia.com](http://www.altinokindia.com)  
E-mail: [info@altinokindia.com](mailto:info@altinokindia.com)  
Phone: +91-11-41824253



International Federation of Consulting Engineers

Ref: IE/ALT/Pkg.III/BLR-VJP/2024/P-10/177

Date: 04.06.2025

To,  
Authorized Signature,  
M/s. MEIL Narayanpet Roadways private limited,  
P NO. 5-1, Phase-1, Technocrat Indi.Estate,  
Balanagar, Hyderabad -500037.  
Telangana

Kind attention: Mr. Srinivas Reddy

**Sub: Consultancy Services for development of Six-Lane access-controlled Greenfield Highway from Narayanpet (Ch:203+500) to Chandrasekharapuram (Ch:228+000) of (NH544G) Bengaluru-Vijayawada Economic Corridor on HAM Mode under Bharatmala Pariyojana Phase-I in the state of Andhra Pradesh (Package-10) Submission of Source provisional Approval for Welded Wire Mesh from M/s Niaara Industry-Reg.**

Ref: Concessionaire Letter No: MEIL/SPV/IE/BVEC/PKG-10/2024/Vol.1/262 Dated: 03.05.2025.

Dear Sir,

With reference to the above, the Independent Engineers convey their Approval of construction material Welded Wire Mesh is based on the submitted documents like ISO Certificates, Technical data sheet, Supplied MTC reports & Third-party test reports including previous history for supplying of the various NHAI projects.

Further, IE is advice the concessionaire to enable a visit to the source to authenticate the process and quality assurance system maintained by the manufacturer from raw material to final stock point as per MoRT&H clause 115.4. Concurrently, the IE has conditionally approved the proposal, subject to the validation of the quality standards specified in the Codal provision of the procured material.

S. No	Wiremesh Size	Location of Usage
1	150 x 150 x 5mm	Tunnel Approaches

In View of above, the following below points must be adhered to the Concessionaire during the Wire Mesh procurement process at the site.

1. Each Lot Consignment of Wire Mesh should be accompanied by valid invoices and manufacturing test certificates (MTC) which should be verified by IE representatives.
2. Every batch of Material received on-site will undergo testing by an NABL accredited laboratory as per IS 4948:2002 & IS 1608-2005, and this will be overseen by IE representative through RFI.
3. The procurement, storage, protection, and utilization of Wire Mesh must comply with the provisions of the Concession Agreement.
4. Only newly acquired lots should be delivered to the site, and each item must be examined prior to utilization. Any defective, burnt, brittle, or cracked bars should be discarded.



In case any test specimens from the lots fail in third-party testing or in the Manufacturer unit while witnessing, and do not meet the specifications, the entire lot will be rejected and the same must be removed from the site.

Thanking you

For Altinok in JV with SA Infra In Association with Marsway

Yours Sincerely,



(Ramesh Neelawani)

Team Leader cum Senior Tunnel Expert

Copy To:

1. The Project Director, National Highways Authority of India, D No 1/441/18, Behind Lakshmi Towers, Maruthi Nagar, Andhra Pradesh, Kadapa-516001, Email: [kadapenhai@gmail.com](mailto:kadapenhai@gmail.com).
2. The Independent Engineer – M/s Altinok Consulting Engineering, 245, D-21 Corporate Park, sector 21, dwarka New Delhi, India 110077, Email: [ieblrivij@gmail.com](mailto:ieblrivij@gmail.com).



Ref: IE/ ALT /Pkg. III/BLR-VJY/2024/P-8/231

Dates: 23.05.2025

To,

**Authorized Signature,**

M/s. MEIL Mallapalle Roadways Private Limited (Pkg-08),  
Unit No.22, Technocrat Indl,  
Balanagar, Hyderabad - 500037,  
Telangana

**Attn: Venkata Rao**

**Sub:** Development of Six-Lane Access Controlled Greenfield Highway from Mallapalle (Ch. 176+000) to Kavulakuntla (Ch. 196+000) Bengaluru-Vijayawada Economic corridor on HAM Mode under Bharatmala Pariyojan Phase-I in the state of AP-(Pkg-08). Submission of Source provisional Approval for Welded Wire Mesh from M/s Niaara Weldfab Industries-Reg.

Ref: Concessionaire letter no: MEIL/NHAI/BV/PKG-8/2023-2024/115 dt: 01-05-2024

Dear Sir,

With reference to the above, the Independent Engineers convey their Provisional Approval of construction material Welded Wire Mesh is based on the submitted documents like ISO Certificates, Technical data sheet, Supplied MTC reports & Third-party test reports including previous history for supplying of the various NHAI projects.

Further, IE is advice the concessionaire to enable a visit to the source to authenticate the process and quality assurance system maintained by the manufacturer from raw material to final stock point as per MoRT&H clause 115.4. Concurrently, the IE has conditionally approved the proposal, subject to the validation of the quality standards specified in the Codal provision of the procured material.

In View of above, the following below points must be adhered to the Concessionaire during the Wire Mesh procurement process at the site:

1. Each Lot Consignment of Wire Mesh should be accompanied by valid invoices and manufacturing test certificates (MTC) which should be verified by IE representatives.
2. Every batch of Material received on-site will undergo testing by an NABL accredited laboratory as per IS 4948:2002 & IS 1608-2005, and this will be overseen by IE representative through RFI.
3. The procurement, storage, protection, and utilization of Wire Mesh must comply with the provisions of the Concession Agreement.
4. Only newly acquired lots should be delivered to the site, and each item must be examined prior to utilization. Any defective, burnt, brittle, or cracked bars should be discarded.

In case any test specimens from the lots fail in third-party testing or in the Manufacturer unit while witnessing, and do not meet the specifications, the entire lot will be rejected and the same must be removed from the site.



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E-mail: [info@altinokindia.com](mailto:info@altinokindia.com)

Phone: +91-11-41824253



International Federation of Consulting Engineers

Thanking you

For Altinok in JV with SA Infra in Association with Marsway

Yours Sincerely,

  
(Ramesh Neelawani)  
Team Leader cum Senior Tunnel Expert



Copy To:

1. The Project Director, National Highways Authority of India, D No.1/441/16, Behind Lakshmi Towers, Maruthi Nagar, Andhra Pradesh, Kadapa-516001, Email: kadapanhai@gmail.com.
2. The Independent Engineer – M/s Altinok Consulting Engineering, 245,D-21 Corporate Park, sector 21,dwarka New Delhi, India 110077, Email: ieblrly@gmail.com,



ALTINOK INDIA OFFICE: ALTINOK CONSULTING ENGINEERING PVT.LTD.

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New Delhi – 110077 INDIA.

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E-mail: [info@altinokindia.com](mailto:info@altinokindia.com)

Phone: +91-11-41824253



International Federation of Consulting Engineers

Ref. No.: CEMOSA/BRO/A-P/PKG-VII/AE/2024/51

Date: 12-11-2024

**To,****Authorised Signatory****SRM-Rajinder Projects****Akhnoor-Poonch PKG-VII****Address: Sector-3, Near BIP Head Office,  
Trikuta Nagar, Jammu- 180012****Email: [srmakup@srmepl.com](mailto:srmakup@srmepl.com)**

**Project Name of the Work:** - Consultancy Services for Authority Engineer for supervision of Rehabilitation and Up-Gradation to 2 Lane with Paved Shoulder from Existing Chainage Km 166+100 to Km 192+980 (Design Chainage Km146.700 to Km 162.800) (Package -VII) including Construction of Bhimber Gali Tunnel (Total Length of Tunnel 1.100 Km) under 31 TF on Akhnoor - Poonch Road (NH-144A) in the UT of Jammu & Kashmir Under Project Sampark, Border Roads Organization (BRO) on EPC Mode.

**Sub: - Source approval for Materials procurement Niaara weldfab industry-reg.****Reference: -****Letter No: -1655 Dated 08/11/2024****Dear Sir,**

Vide above subject referred letter having submitted the credentials of Niaara Weldfab industry Ajmal Khan Road Karol Bagh New Delhi & Factory G279 Phase I UPSIDC Indl. Area Masuri Gulawathi Road Hapur 15 for supplying GI binding wire & welded wire mesh, Gabion box....etc. after reviewing the credential a provisional approval is somehow consented but subject to submitting of the samples of products to be used in permanent works so that either the samples can be send for third party NABL/NIT/IIT testing as per relevant standard. Mean while a joint factory inspection has to be conducted to see the potential of manufacturing unit according to their manufacturing certificate & QA/QC parameters.

1. The correctness of the document submitted by the Contractor shall be the responsibility of the Contractor
2. It shall meet all the technical requirements prior to application at site work
3. M/S SRM- Rajinder Projects Pvt Ltd Jv. Shall check and ensure the quality of material conforming to relevant IS codal provisions supplied at site time to time for smooth flow of working & implementation into permanent works.



Page 1-2

4. The test result should meet with codal test requirements/ provisions made for.
5. If the performance any of the material is found unsatisfactory at any stage of the project the approval or NOC shall be revoked.

This is for your reference and records with officials' procedures for deciding further strategy of works.

**Thanking you**

**Yours faithfully**

For CEMOSA In association with Introssoft Solutions JV

  
Authorised Signatory  
(Krishna Kumar Chaturvedi)

Team Leader cum Senior Highway Engineer

CC:

1. The Chief Engineer, HQ Project Sampark, Jammu, for kind information please.
2. The Commander, HQ 31 BRTF, C/o 56 APO, Rajouri, for kind information please.
3. The Officer Commanding, 58 RCC, C/o 56 APO, Rajouri, for kind information please.
4. Head Office, CEMOSA-INTROSOFT JV, for kind information please.



Hexa Private Joint  
Stock Company



LN Malviya Infra  
Projects Private limited

Nokang

Nokang Infra  
Private Limited

PROJECT CONSULTANT SITE OFFICE  
3<sup>rd</sup> Floor, Gupta Building, HariVishramBhawan,  
Lower Panthaghatti, Mehli-Shoghi By Pass Road,  
Shimla-H.P-171009  
Email ID:  
hexa.lnmshimlabypass2023@gmail.com

LNMIPPL/SHAKRAL-DHALLI/PKG-2/2024-25/0148

Dated: 05.07.2024

To,

Gawar Shimla Highway Pvt. Ltd.  
c/o sh. Ram Lal Thakur  
s/o sh. Paras Ram house no.4,  
MLA colony Mehli, Shimla-9 (H.P.)

**Project:** "Independent Engineer Services for (ii) Construction of 4 laning of NH-5 from Shakral Village to Dhalli Section (Shimla Bypass Package II: from Km 146.300 to Km 156.560 and Shimla connectivity from Km 0.000 to Km 0.725 for Design Length 10.985 km) in Himachal Pradesh on Hybrid Annuity Mode" **Reg: Company Profile for Source approval of "NIAARA WELDFEB INDUSTRIES" for Wire Mesh.**

Ref: -GSHPL/Shimla Bypass/NH-5/Pkg-2/24-25/0200, dated: 27.05.2024.

Dear Sir,

With reference to the above-cited subject, and the letter mentioned above vide which you have submitted the Credentials Procurement of Wire Mesh from "NIAARA WELDFEB INDUSTRIES". We have reviewed your submission and found it generally in order. Supplied wire mesh from "NIAARA WELDFEB INDUSTRIES" must fulfill the following requirements:-

1. The concessionaire is to submit third-party test certificates of the above-mentioned Material to IE. The test module should be the same as stated on the manufacturer test certificate (MTC). These tests shall be carried out at the NABL-approved materials testing laboratory to confirm the required physical and chemical properties.
2. Each of the supplied lots shall conform to requirements laid down in the latest editions and other relevant standards/ codes as applicable, which shall be reflected in the MTC to be submitted to IE.
3. Random samples as per the relevant standards, from supplied lots of the material will be collected and sent for testing to an independent/ Third Party Laboratory accredited to NABL, of which the cost shall be borne by the concessionaire.
4. However, if any deterioration in the quality of material used on the project at any stage is found, such approval may stand cancelled and the concessionaire shall be solely responsible for the same.

This is for your information and necessary action, please.

Yours Truly,

For Hexa Private Joint Stock Co. JV with  
M/s L.N.Malviya Infra Projects Pvt. Ltd. &  
Association with Nokang Infra Pvt. Ltd.

Niranjan Agarwal  
(Acting Team Leader)

CC:

1. P.D. NHAI, PIU-Shimla, Email: pdpiushimla@gmail.com.
2. Mr. Avneesh Bajaj, Project Coordinator, Email: abajaj.lnm@gmail.com.
3. Bharat Construction (India) Pvt. Ltd., Email: gshpl.shimla70@bcipl.in.



Authority's Engineer for Supervision of Construction of Stand alone Ring Road / Bypass around Jammu City in the state of J&K (4 Lane, Length-58.2 Km.) on Engineering Procurement and Construction (EPC) Basis, J&K

ICT:820/Jammu/R.R/2024/219

Dated: 08.04.2024

The General Manager,  
Bharat Constructions (I) Pvt. Ltd.,  
9 PPCL Colony, Uday Vihar,  
Opp. Radha Swami Satsang, Haridwar,  
Uttarakhand-248001  
Tel. No. 0135-262995  
E-mail: [bcipl.ddn@gmail.com](mailto:bcipl.ddn@gmail.com)

**Sub: Construction of Twin Tube Tunnels on Ring Road (NH-244A) between design chainage 50+600 to 51+700 and Chainage 53+535 to Ch. 55+700 – Approval of source for procurement of Welded Wire Mesh (150\*150\*6 MM)-Reg.**

Ref:- 1. Contractor's Letter No. BCPL/ICT/JRR/2023-24/1849 Dated: 26.02.2024

2. ICT Letter No. ICT:820/Jammu/R.R/2024/219 Dated: 02.03.2024

3. Contractor's Letter No. BCPL/ICT/JRR/2023-24/1922 Dated: 06.03.2024

Dear Sir,

Reference is made to the submission of credentials of Source for procurement of Welded Wire Mesh from M/s Niaara Weldfab Industries.

After reviewing the credentials, a joint factory inspection has been conducted on 04.04.2024 and found that the M/s Niaara Weldfab Industries is having required potential to provide Welded Wire Mesh to the Project site.

Source approval is therefore accorded, provided that the material being procured at the site comply with the specification requirements and meet the specified quality standards.

Thanking you

*For Intercontinental Consultants and Technocrats Pvt. Ltd*

(Manisha Bagaria)

Team Leader cum Senior Highway Engineer

CC:- 1. The Project Director, 315/1,2nd floor Channi Himmat, PIU, Jammu (J&K) for information.

2. Sh. A.P. Misra, Authority Engineer, ICT Pvt. Ltd., New Delhi for information.

3. Mr. Debasish Bose, SQME, ICT Jammu for follow up.

4. Mr. Akhil Dev Singh, STE, ICT Jammu for information.

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DN  
Regd. Office : A-8, Green Park, New-Delhi-110016, INDIA  
Tel.: +91-11-40863000 Fax: +91-11-6855252  
Email: [business@ictonline.com](mailto:business@ictonline.com) Website: <http://www.ictonline.com>

Site Office : ICT Pvt. Ltd, House No. 37-B,  
Vaishevi Enclave, Sector-07 Extension, Lane no. 4,  
Channi Himmat, Tehsil Bahu, District Jammu-180015  
Email: [jammu@ictonline.com](mailto:jammu@ictonline.com)



दिल्ली मेट्रो रेल कॉर्पोरेशन लिं  
DELHI METRO RAIL CORPORATION LTD.

(A JOINT VENTURE OF GOVERNMENT OF INDIA AND GOVT. OF DELHI)

Office of the Chief Project Manager/6,  
Press Enclave Road, Near Metro Station, Malviya Nagar, New Delhi-110017

DMRC/CPM-6/Ph-IV/DC-07/14/5/47

09.11.2023

To,  
M/s Afcons Infrastructure Limited,  
D-174, 3<sup>rd</sup> Floor,  
Tiger House,  
Okhla Phase-1,  
New Delhi - 110020

(Kind Attn: Mr. Virinder Kaul, PD)

**Sub:** Contract DC-07 "Design and Construction of Underground UP & Down Tunnels by Shield TBM from end of Cut & Cover tunnel near Sangam Vihar metro Station up to existing Sarita Vihar depot, Underground Ramp and Cut & Cover Tunnels near Sangam Vihar and Tughlakabad metro station and Underground Metro Stations at Maa Anandmayee Marg, Tughlakabad Railway Colony and Tughlakabad including Retrieval/Launching shafts on Aerocity Tughlakabad corridor of Delhi MRTS Project of Ph-IV" - No objection in engaging M/s Niaara Weldfab Industries for supplying G.I. binding wire and welded wire mesh

**Ref:** Afcons Letter No. AFC/3573/DC-07/2023/2494 dated 01.11.2023

Dear Sir,

Vide letter under reference, M/s Afcons Infrastructure Ltd. has submitted the credentials of M/s Niaara Weldfab Industries for supplying G.I. binding wire and welded wire mesh. In this regard, it is communicated that competent authority has no objection in engaging aforementioned suppliers for supply of G.I. binding wire and welded wire mesh subject to following conditions:

1. The correctness of the documents submitted by the sub-contractor shall be responsibility of the Contractor.
2. It shall meet all the technical requirements prior to application at site.
3. M/s Afcons shall check and ensure the quality of material supplied at site time to time.
4. If the performance of the material is found unsatisfactory at any stage of the project, the NOC shall be revoked.

Thanking you,

Yours sincerely,

(Kaushal Kumar Gautam)  
Project Manager/6A

Copy to: CPM/6 - for kind info pl.

Letter No. L/OCGC/DFCC/CMT/CTP-14/2312/ Vol 4 |

Dated: 12.12.2023

**Sojitz-Larsen & Toubro Consortium.**

C/o Larsen & Toubro Ltd.  
1<sup>st</sup> & 2<sup>nd</sup> Floor, Dev Plaza  
Adarsh Nagar, Ward No. 3  
Chungi No. 1, Delhi-Alwar Road.  
Near Honda Showroom, Opposite SBI  
Sohna, Distt. Gurugram,  
Haryana - 122103

Kind Attn.: Mr. Manoj Kumar Maurya (Contractor's Representative)

**Sub: Integrated contract package of Design and Construction of Civil, Building and Track Works, Electrical and Mechanical works and Signal & Telecom works (CTP-14) from Dadri to Rewari - WDFC Phase-2 - "Source Approval for the Manufacturer M/s. Niaara Weldfab Industries, Uttar Pradesh, for the manufacturing and supply of Wire Mesh to be used in shotcrete works in the Deep Cut section of the package CTP 14"**  
Ref.: (i) Contractor's Letter No- SLT-14/OCGC/CTP14/CIVIL/QAQC/GEN/1223/21472 dated 12-12-2023

Dear Sir,

Vide Letter reference (i), Contractor has submitted the proposal for source approval for the Manufacturer M/s. Niaara Weldfab Industries, Uttar Pradesh, for the manufacturing and supply of Wire Mesh in the package CTP 14. Contractor in his proposal has not clearly mentioned the usage of the material. On further telephonic discussions with Contractor, it came to light that the wire mesh shall be used in shotcrete works in the Deep cut section of the package CTP 14. The submitted document has been examined/reviewed by the Engineer and the observations are as follows:-

- i. It is noted that the manufacturer M/s. Niaara Weldfab Industries, Uttar Pradesh, is having ISO 9001:2015 certification (Certificate No. QMS/09570/0219) for "Manufacturing of Wire Mesh, Chainlink Fencing, Barbed Wire, Razor Wire, Binding Wire, Gabion Box and Geotextile", which is valid upto 14/02/2025.
- ii. It is also noted from the attached source approvals and purchase orders that the Manufacturer has supplied its products to various organizations such as DMRC, L&T, AECOM, NIIDCL, etc. for the supply of wire mesh for their applications in railway and highway projects.
- iii. Also noted that, Test Report submitted for wire mesh of size 150x150x6 by NABL accredited lab as well as the test certificate for 8mm plain wire road coil submitted by the manufacturer was found conforming to relevant IS codal provisions.

In view of above, "Notice of No Objection" (NONO) in terms of sub clause 3.2.1 of Appendix -13 of Employer Requirement -Part-2A of Contract Agreement is hereby issued to the proposal for Source Approval for the Manufacturer M/s. Niaara Weldfab Industries, address- G279, Mussoorie Gularwathi Road, Industrial Area, Phase-1, Hapur, Uttar Pradesh, India for the manufacturing and supply of Wire Mesh to be used in shotcrete works in the Deep Cut section of the package CTP 14.

It is to be noted that this is only source approval of the Manufacturer. Approval of product shall be carried out as per laid down procedure and as per approved specifications.

FIDIC clause 5.2 is relevant in this context which specifies that any such approval or consent or any review shall not relieve the Contractor from any obligation or responsibilities.

Yours sincerely,



(Pramod Kumar Aggarwal)  
Dy. Project Director  
For the Engineer for the Employer

CC: (1) RD/ Asset Management/WDFC/CO/DFCCIL, New Delhi  
(2) CGM/Noida; (3) CRE/ ZMT-4 / Noida

No.: YPH - 1856-PMC - GDN - 1441

02<sup>nd</sup> November 2022

**To,**  
**M/s. Larsen and Toubro Limited,**  
**Heavy Civil Infrastructure IC, TC-**  
**3, Tower-A, C-Wing, 4th Floor,**  
**Mount Poonamallee Road,**  
**Manapakkam, Chennai-600 089.**

**(Kind Attention: Mr. S.K. Tyagi / Mr. V. M. Srivastava, Project Control Manager)**

**Contract:** "CONSTRUCTION OF TUNNELS, BRIDGES AND FORMATION WORKS FROM CHAINAGE 18+444 To 33+097 UNDER PACKAGE-2 IN CONNECTION WITH NEW BG LINE BETWEEN RISHIKESH AND KARANPRAYAG (125KM) IN STATE OF UTTARAKHAND, INDIA."

**Subject: Source approval of Welded Wire Mesh (150\*150\*06mm)**

**Ref:** 1. RKSH-KNPG/Tunnels/Pk-2/LNT/150/CON/201639/AO Dated 27<sup>th</sup> November 2022

Dear Sir,

With above mentioned reference Contractor had submitted the Vendor Profile of Niaara Weldfab Industries (Welded wire mesh 150\*150\*06mm) for Engineer's review and initiating the procurement process with following reference documents and Samples.

1. ISO Certificate
2. Technical Data Sheet.
3. Supplied MTC reports.
4. Third Party test certificates.

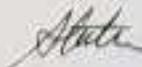
Engineer have reviewed the submitted Material Conformance report of Niaara Weldfab Industries (Welded wire mesh 150\*150\*06mm) as per **B1.5.1** of Bill of Quantities and in conformance with Sub clause **10.2 & 10.12** Annexure A of Work's requirement and found to be meeting the requirements.

Therefore, the above-mentioned products are hereby Approved for construction with the condition that at any given time procurement of Welded Wire Mesh shall not be done from more than 3 vendors as communicated earlier by Employer.

- a) Third party test to be conducted for Joint Sample collected at site.
- b) The test Result should satisfy with codal Test Requirements/Provisions.

This is for your reference and records

Yours truly,



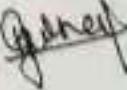
Digitally signed by  
ABDURRAHMAN  
SERTER  
Date: 2022.12.02  
15:29:21 +09'30'

Abdurrahman Serter

**Engineer's Representative (Pkg-2)**

C.C.: Employer's representative

*Received at 12:00 P.M  
on 05/12/22*



No.: YPH -1857-PMC- GDN- 3262

25 August 2023

**To,**

**Mr. Rajesh Arora, Project Manager**  
**M/s Navayuga Engineering Company Ltd.,**  
**RVNL Camp, Package-5 Village & Post: Maletha,**  
**Dist: Tehri Garhwal, Uttarakhand – 249161**

**Contract: CONSTRUCTION OF SINGLE BG TUNNEL T-9 (2800 m), T-10 (4140 m) WITH PARALLEL ESCAPE TUNNEL, STATION YARD AT SRINAGAR AND MALETHA, MINOR BRIDGES AND OTHER ANCILLARY WORKS IN BETWEEN CH: 63+460 km TO 73+018 km UNDER PACKAGE – 5 IN CONNECTION WITH NEW SINGLE BROAD-GAUGE RAIL LINK BETWEEN RISHIKESH AND KARANPRAYAG (125KM) IN THE STATE OF UTTARAKHAND, INDIA.**

**Subject: Provisional Approval of Welded Wire Mesh 150X150X6mm Make- "M/S NIAARA WELDFEB INDUSTRIES".-Reg.**

**Reference: (1) C.A. No. RVNL / RKSH -KNPG/ Tender/ Tunnels/PK-5/ CA-45 dated 18.10.2019  
(2) Contractor Letter no. NEC/RVNL/PACKAGE-5/23-24/1401 dated 23.08.2023**

Dear Sir,

With above mentioned reference vide letter no (2) Contractor had submitted the Technical Specification and Credential of "M/S NIAARA WELDFEB INDUSTRIES" for approval.

S.No.	Material	Product Name	Vender/Supplier/Manufacturer	Compliance
1.	MS Welded Wire Mesh	Welded Wire Mesh	M/S NIAARA WELDFAB INDUSTRIES	As per the CA Clause 10.12.2, BOQ B5.2

In this regard, Engineer hereby accords provisionally approval of Welded Wire Mesh. Final approval shall be provided, subjected to the fulfilment of Contractual requirements and satisfactory Third-Party Test Report. Further, the contractor is advised to take Engineer's prior approval, before using the said product in any permanent work.

This is for your kind information please.

With Regards,

*Yüksel Proje / YCT LTD.*

*Authorized Signatory*

Huseyin Karatas  
Project Manager

CC to: Project Director, RVNL, Package – 5, For information.

Ref No: AECOM/GEO/RVNL/PMC/RKSH-KNPG/PKG-7A/MAX-HES(JV)/1252 Date: 14.01.2022

**M/s Max-HES (JV)**  
**Plot No. 319 & 320,**  
**4th Floor East Avenue Building,**  
**Ayappa Society, Madhapur,**  
**Hyderabad - 500081,**  
**E-mail- tenders@maxinfra.in**

**(Kind Attention: Mr. Vinay Khetarpal, Authorized Signatory)**

**Subject:** CONSTRUCTION OF TUNNELS & BRIDGES WORKS FROM CHAINAGE 83+899 to 91+228 UNDER PACKAGE-7A IN CONNECTION WITH NEW BG LINE BETWEEN RISHIKESH AND KARANPRAYAG (125KM) IN STATE OF UTTARAKHAND, INDIA."

**Reg:** **Reply of Submission of Third-party test report of welded wire mesh (Make: Niara Weldfab Industries).**

- Ref:**
- (i) CA No. RVNL/RKSH-KNPG/Tender/Tunnels/PK-7A/51 Dated: 26.08.2020
  - (ii) Your Letter No: MAX-HES(JV)/RVNL/Tunnels/RKSH-KNPG/PKG-7A/2020-21/424, Dated: 16.01.2021
  - (iii) Our Letter No: AECOM/GEO/RVNL/PMC/RKSH-KNPG/PKG-7A/MAX-HES(JV)/306, Dated: 06.02.2021
  - (iv) Your Letter No: MAX-HES(JV)/RVNL/Tunnels/RKSH-KNPG/PKG-7A/2020-21/1326, Dated: 16.11.2021
  - (v) Our Letter No: AECOM/GEO/RVNL/PMC/RKSH-KNPG/PKG-7A/MAX-HES(JV)/1136, Dated: 19.11.2021
  - (vi) Your Letter No: MAX-HES(JV)/RVNL/Tunnels/RKSH-KNPG/PKG-7A/2020-21/1475, Dated: 12.01.2022

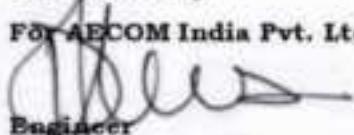
Dear Sir,

We are in receipt of your submission of Test certificate (Third Party) vide letter dated 12.01.2022 (Ref. vi above). We have reviewed the reports attached and found satisfactory As per contract aggreement and relvant IS code. Comments mentioned below in tabular column:

<b>Sl. No.</b>	<b>Material</b>	<b>Name of Manufacture</b>	<b>Initial Observation given via Letter No</b>	<b>Remarks</b>
<b>1</b>	Welded Wire Mesh 150X150X6 MM	M/s Niara Weldfab Industries.	NA	<b>Approved</b>

Yours sincerely

For AECOM India Pvt. Ltd.

  
Engineer

Team Leader PMC

Letter No.: AECOM/GEO/RVNL/PMC/RKSH-KNPG/PKG-6/1024

Date: 02.07.2022

To,

**Song da - Rithwik Joint Venture**  
Dungripanth, Pauri Garhwal  
Uttarakhand, Pin-246174

(Attn: Mr. Veeresh Chalmi, Authorized Signatory)

Project: "Construction of Single Line BG Tunnel No. 11 (9050 m), Major & Minor Bridges, Formation works and other ancillary works from chainage 73+489 km to 83+899 km (FLS) under Package-6 in connection with new single BG line between Rishikesh and Karanprayag (125KM) in state of Uttarakhand, India."

Subject: Provisional Approval of Source M/s Niaara Weldfab Industries

Ref:

1. CA No.: RVNL/RKSH-KNPG/Tender/Tunnels/PK-6/CA-56, dated 22.10.2020
2. SONGDA-RITHWIK JV/RVNL/PKG-6/2022/1156, dated 01-07-2022

Dear Sir,

Vide letter at Ref. 2, the Contractor has submitted the credential of M/s Niaara Weldfab Industries with following Item for Engineer's approval:

Sl. No.	Item	Source	Remarks
1	Welded Wire Mesh (100 x 100x 6mm)	M/s	
3	Gabion Boxes- Double Twisted PVC & Zinc coated. Mesh Size- 100x120mm, Wire dia.- 2.7/3.7 (ID/OD)	Niaara Weldfab Industries	
4	GI Binding Wire		Wire mesh should be galvanized coated

In this regard, Engineer hereby accords provisionally approval for above-mentioned products. Final approval shall be provided, subjected to the fulfilment of Contractual requirements and satisfactory Third-Party Test Report. Further, the Contractor is advised to take Engineer's prior approval, before using the said product in any permanent work.

Yours Truly,  
For AECOM India Pvt. Ltd.  
SRINAGAR  
Nikolaos Vitis \*

Engineer - Team Leader (PMC)

Copy to:

1. Employer's Representative (Additional General Manager/P-3) RVNL, Rishikesh PIU

The Engineer's office, G.I.N.T.I Ground, Srinagar, Pauri Garhwal, Uttarakhand, Pin -246174

**ALTINOK INDIA- LION JOINT VENTURE**

Letter No: RWL0621\_P4\_AFCONS\_0140

Date: 19.10.2022

(Without Prejudice)

**M/s AFCONS INFRASTRUCTURE LIMITED**

BBB PKG-4 Tunnel Project,  
C/O Kuldeep Singh, Village Dagrahan,  
P/O Jakatkhana Tehsile - Naina Devi Ji  
Distt. Bilaspur (H.P) – 174011

(Kind Attn.: Mr. Umesh Kumar Agarwal, Authorized Signatory)

**Name of Work:** Construction of Tunnels T11, T12, and T13, Bridges and Formation Works from Chainage Km 32+100 to Km 39+900, including Slope Protectionworks, Earthwork in cutting and Development of Stations and Allied works in connection with Bhanupali-Bilaspur-Beri New Railway Line in District Bilaspur of Himachal Pradesh State, India.

**Sub:** Regarding Source Approval of M/S Niaara Weldfab Industries.

**Ref:** Contractor's Letter No. AFC/BBB-PKG-4/QC/2022-0282, 26-09-2022

Dear Sir,

With Reference to the letter and subject cited above, the credentials submitted for source approval of Wire mesh, PVC Coated Gabion Box, and Binding Wire, from M/s Niaara Weldfab Industries has been checked and found satisfactory.

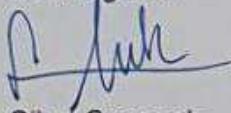
Therefore, conditional approval has been accorded for above mentioned vendor and if material supplied by supplier found un-satisfactory shall be replaced by other sources approved by PMC.

You are requested to submit the MTC (Material Testing Certificate) from each lot/batch received at site and testing of product shall be done as per approved Inspection and Test Plan.

Any use of this vendor's product shall be permitted only after successful testing of material, its compliance with approved method statement, Inspection and Test Plan and all pertinent contractual requirements and site acceptance.

For your kind information and further necessary action please.

Best regards



Cihat Saganak

**Engineer, Team Leader  
(Package 4, T11-T13)**

M/s Altinok India Pvt.Ltd. JV with  
Lion Engineering Consultants Pvt.Ltd.

**Copy to – JGM/P & PD, RVNL Chandigarh for information please.**



**ALTINOK INDIA- LION JOINT VENTURE**

**Letter No: ALT.BBB.PMC.T14T16.2022.0026**  
(Without Prejudice)

**Date: 13.05.2022**

**M/s Dilip Buildcon Limited**  
Site office Mandi Manwa Bilaspur  
Himachal Pradesh, 174005.

**(Kind Attn.: Mr. Sanjay Kumar (Project Manager)**

**Name of Work:** Construction of Tunnels T14, T15, and T16, Bridges and Formation Works from Chainage Km 40+430 to Km 44+925, including Slope Protection Works and Allied Works in connection with Bhanupali-Bilaspur-Beri New Railway Line in District Bilaspur of Himachal Pradesh State, India.

**Sub:** Regarding Approval of vendors for Wire Mesh.

**Ref:** Contractor Letter No. DBL/ALT-LION/BBB/1198/2022/0008, 11-04-2022

Dear Sir,

With Reference to the letters and subject cited above the credentials submitted for NIAARA, were checked and found satisfactory.

Any use of these Vendor products shall be permitted only after successful testing of products, its compliance with the approved method statement, Inspection testing plan, and all pertinent contractual requirements and site acceptance.

Submitted for your kind information and further necessary action.



**Cihat Saganak**  
**Engineer, Team Leader**  
**(Package 5, T14-T16)**  
M/s Altinok India Pvt. Ltd. JV with  
Lion Engineering Consultants Pvt. Ltd.

**Copy to – JGM/P & PD, RVNL Chandigarh for information, please.**



**ALTINOK INDIA OFFICE: ALTINOK INDIA PVT. LTD.**  
245 2nd Floor, D21 Corporate Park Dwarka Sector 21,  
New Delhi – 110077 INDIA  
Web: [www.altinok.com.in](http://www.altinok.com.in), [www.altinokindia.com](http://www.altinokindia.com)  
E-mail: [info@altinokindia.com](mailto:info@altinokindia.com), [corporate@liongroup.in](mailto:corporate@liongroup.in)  
Phone: +91 11 41759732 +91 11 418



International Federation of Consulting Engineers

Ref No: ALTINOK/GEN/DDC-PMC/T10/MAX/BBBRP/051

Date: 05/03/2022  
(By Hand)

To,

**The Project Manager**  
**Max Infra (I) Limited**  
**Bhanupali-Bilaspur-Beri Rail Project**

**Project:** "Construction of Tunnel T10, including Escape Tunnel, Cross Passage, Cut & Cover, Bridges, Slope Protection Works, Earthwork in Cutting and Filling, Development of Station and Allied Works between chainage 27.700 to chainage 32.100 of Bhanupali-Bilaspur-Beri New Railway Line in Districts Rupnagar of Punjab and Bilaspur of Himachal Pradesh States, India."

**Subject:** Regarding Submission of credentials of Niaara Weldfab Industries Ltd.

- Ref.: 1. Contractor's Letter No. MAX/RVNL/Tunnels/BBB/PKG-3/2021-22/028, Dated 03.01.2022  
 2. Our Letter No. ALTINOK/GEN/DDC-PMC/T10/MAX/BBBRP/007, Dated 06.01.2022  
 3. Contractor's Letter No. MAX/RVNL/Tunnels/BBB/PKG-3/2021-22/028, Dated 03.01.2022  
 4. Contractor's Letter No. MAX/RVNL/Tunnels/BBB/PKG-3/2021-22/114, Dated 22.02.2022

Dear Sir,

With reference to the letter and subject cited above, the credentials submitted for Niaara Weldfab Industries Limited for wiremesh. & gabion box has been checked and found satisfactory.

Therefore, conditional approval has been accorded for above mentioned vendors and if the material supplied by any of these suppliers found un-satisfactory shall be replaced with other sources approved by PMC.

You are requested to submit the MTC (material testing certificate) from each lot/batch received at site and testing shall be done as per approved inspection test plan.

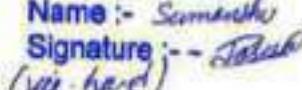
Any use of this vendor's product shall be permitted only after successful testing of products, its compliance with approved Method Statements, inspection testing plan and all pertinent contractual requirements and site acceptance.

This is for your information and necessary action please.

Yours faithfully;  
For ALTINOK INDIA- LION JOINT VENTURE.

  
Mahmut Oktay Hartavi  
(Team Leader)

**Max Infra (I) Limited**  
**Received**

Date :- 09-03-2022  
 Time :- 3:20  
 Name :- Sonam  
 Signature :-   
 (ver. hand)

Copy to: 1) The CPM/P/BBBRP/RVNL, PIU - Chandigarh ..... for your kind information please.  
 2) The AGM/P-II/BBBRP/RVNL, PIU - Chandigarh ..... for your kind information please.  
 3) The PMC/T8-T10/BBBRP/HQ/Delhi ..... for your kind information please.



**TUMAS INDIA and ALTINOK JOINT VENTURE**



**DBL\_PMC\_0338\_02**

**Date: 05.09.2022**

**To**

**The Authorized Signatory**

**M/s. HCC-DBL (JV)**

**Hindustan Construction Company Limited**

**Hincon House, LBS Marg, Vikhroli (W), Mumbai - 400 083**

**Tel No. 022-2575 1000**

**Fax No. 022-2578 7568**

**Email: hccdbl.rvnl@dilipbuildcon.co.in**

**Sub: CONSTRUCTION OF TUNNELS, BRIDGES AND FORMATION WORKS FROM CHAINAGE 117+365 TO 125+320 (FLS) UNDER PACKAGE-9 IN CONNECTION WITH NEW BG LINE BETWEEN RISHIKESH AND KARANPRAYAG (125KM) IN STATE OF UTTARAKHAND, INDIA: Request for final source approval of Welded Wire Mesh make M/s Niaara Weldfab Industries- Reg.**

**Ref.**

- i. Your Letter No. DBL\_PMC\_0338\_01, Dated: 13.08.2022
- ii. Your Letter No. DBL\_PMC\_0332\_01, Dated: 09.08.2022
- iii. Our letter No. DBL\_PMC\_0217\_02, Dated: 07.05.2022
- iv. Your Letter No. DBL\_PMC\_0217\_01, Dated: 03.05.2022

Dear Sir,

This has reference to your letter under ref (i), vide which you have submitted third party/independent test report pertaining to **welded wire mesh 150 x 150 x 6 mm & 150 x 150 x 8 mm make M/s Niaara Weldfab Industries** and requested for final source approval. In this context, it is to state that the submitted test report has been reviewed at our end and found satisfactory. Accordingly, final source approval is hereby accorded for procurement of welded wire mesh 150 x 150 x 6 mm & 150 x 150 x 8 mm from the said source.

Please note that this approval is subjected to the following conditions:

- a) MTC to be furnished/ submitted for each lot,
- a) The first consignment as well as the following consignments shall be tested in NABL accredited independent laboratory, as per the frequency stated in the Contract Agreement, QAP or as directed by the Engineer.
- b) Only fresh lots shall be delivered at site,



## TUMAS INDIA and ALTINOK JOINT VENTURE



- b) The material should comply all the Technical Specifications viz. Sub-clause 3.2, 3.3, Sub-clause 10.12.2, IS 1566, specifications mentioned under BOQ Item no. B1.5.1 and all the other relevant standards/codes.
- c) This approval shall be withdrawn at any time, without prior notice, if any deficiency is found.

It is pertinent to mention here that any approval accorded by the Engineer, pertaining to source of a material, shall not relieve the Contractor of any of his duties, obligations or responsibilities under the Contract.

Thanking you,

Yours sincerely,

A handwritten signature in blue ink.

TURKISH ENGINEERING CONSULTING &  
CONTRACTING - TUMAS INDIA PRIVATE LIMITED  
MÜŞAVIRLIK MÜHENDİSLİK A.Ş.  
0212 421 22 22

**Ufuk Akgun**

Project Manager (Tunnel Construction Engineer)

For Turkish Engineering Consulting & Contracting-TUMAS India Private Limited-  
ALTINOK

Müşavirlik Mühendislik A.S. JV

Copy to: AGM & Project Director, RVNL - For kind information please.



DBL\_PMC\_0217\_02

Date: 09.05.2022

**To****The Authorized Signatory****M/s. HCC-DBL (JV)****Hindustan Construction Company Limited****Hincon House, LBS Marg, Vikhroli (W), Mumbai - 400 083****Tel No. 022-2575 1000****Fax No. 022-2578 7568****Email: [hcdbl.rvnl@dilipbuildcon.co.in](mailto:hcdbl.rvnl@dilipbuildcon.co.in)**

**Sub: CONSTRUCTION OF TUNNELS, BRIDGES AND FORMATION WORKS FROM CHAINAGE 117+365 TO 125+320 (FLS) UNDER PACKAGE-9 IN CONNECTION WITH NEW BG LINE BETWEEN RISHIKESH AND KARANPRAYAG (125KM) IN STATE OF UTTARAKHAND, INDIA: Request for source approval pertaining to welded wire mesh make M/s Niaara Weldfab Industries- Reg.**

**Ref.**

i. Your Letter No. DBL\_PMC\_0217\_01, Dated: 03.05.2022

Dear Sir,

This has reference to your abovementioned letter dated 03.05.2022, vide which you have requested for source approval pertaining to **welded wire mesh 150 x 150 x 6 mm & 150 x 150 x 8 mm make M/s Niaara Weldfab Industries**. In this context, it is to state that the submitted documents have been reviewed at our end and the source is hereby approved provisionally for supply of welded wire mesh 150 x 150 x 6 mm & 150 x 150 x 8 mm.

Please note that this provisional approval shall be valid for next three months only, within which process for final approval needs to be completed, before procurement of material. Moreover, this provisional approval is subjected to the following conditions:

- a) MTC to be furnished/ submitted for each lot,
- b) The first consignment and subsequently at reasonable regular intervals, the consignments shall be tested in NABL accredited independent laboratory as per the relevant codes, standards and specifications.
- c) Only fresh lots shall be delivered at site,
- d) The material should comply all the Technical Specifications viz. clause 3.2, 3.3, Sub-clause 10.12.2, IS 1566, specifications mentioned under BOQ Item no. B1.5.1 and all the other relevant standards/codes.



CIN : U74899 DL 1995 GOI 068150

Tel. : 011-20893339  
Fax : 011-20893730

# दिल्ली मेट्रो रेल कॉर्पोरेशन लिंड DELHI METRO RAIL CORPORATION LTD.

(भारत सरकार एवं दिल्ली सरकार का एक संयुक्त उपक्रम)  
(A JOINT VENTURE OF GOVERNMENT OF INDIA AND GOVT. OF DELHI)

## Office of the Chief Project Manager-5

GROUND FLOOR, AIRPORT EXPRESS METRO STATION, DHAULA KUAN, NEW DELHI-110021  
DMRC/PH-IV/CPM-5/DC-08/2104A/2022 /4844 Date: 08.08.2022

To,  
M/s J. Kumar Infraprojects Limited  
16-A, Andheri Industrial Estate,  
Veera Desai Road, Andheri (W),  
Mumbai-400053.  
Tel: 022-67743555  
Fax: 022-26730814

Sub: Contract DC-08: "Design and Construction of Twin Tunnel (Up & Down Line) by Shield TBM, Cut and Cover Tunnel box and four Underground stations namely Aerocity, Mahipalpur, Vasant Kunj and Kishangarh with Entry/Exits & Connecting subways from chainage (-) 760 mt. to 5356.285 mt. of Aerocity to Tughlakabad Corridor of Phase-IV of Delhi MRTS "

Reg: Approval of M/s NIAARA WELDFAB INDUSTRIES for wire mesh to be used in DC-08 Contract.

Ref. 1) JKIL/DMRC/2022-23/DC-08/263 dated 21.07.2022.  
2) JKIL/DMRC/2022-23/DC-08/262 dated 21.07.2022.

Dear Sir,

Vide above referred letter, we have submitted the credentials of M/s NIAARA WELDFAB INDUSTRIES' wire mesh to be used in DC-08 Contract.

In view of above, you are requested to submit the sample of wire mesh so that the sample can be sent for third party testing as per relevant standards before approval.

Thanking You

Yours Sincerely

  
Ranjeet Kumar  
Project Manager-5B



GLJV/NEC/TL/PK-3/2022/662

22.04.2022

To,

M/s Navayuga Engineering Company Ltd., Plot No.379, Road No. 10, Jubilee Hills,  
 Hyderabad-500033.

(Kind Attention: Mr. B. Nagendra Prasad, Contractor's Representative)

Subject: CA No. RVNL/RKSH-KNPG/Tender/Tunnels/PK-3/CA-55 dated 22.10.2020 -  
 Regarding Source Approval

Reference:

(i) NEC/RVNL/PACKAGE-3/22-23/0916 Dt: 14.04.2022

Sir,

This is with reference to the above subject and referred letter. The Contractor vide letter at ref (i)  
 Dt: 14.04.2022, has proposed following:

Sr.No.	Material	Source
1	Welded Wire Mesh	Niaara Weldfab Industries

The product mentioned above are provisionally approved on the condition that the Contractor shall provide evidence that these products meet the contractual requirements prior to installation in permanent Works.

If any change in the quality or performance is observed during construction, the source approval shall be immediately withdrawn in addition to rejection of the material.

This is for information, records, and necessary action of the Contractor duly in accordance with the Contract.

Yours Sincerely,

Friedhelm Knippers  
 (Team Leader)

Cc: 1) Mr. Ravikant (PD/PK3/RKSH)



GLJV/NEC/TI/PK-3/2022/714

13.05.2022

To,

M/s Navayuga Engineering Company Ltd., Plot No.379, Road No. 10, Jubilee Hills,  
 Hyderabad-5000033.

(Kind Attention: Mr. B. Nagendra Prasad, Contractor's Representative)

**Subject:** CA No. RVNL/RKSH-KNPG/Tender/Tunnels/PK-3/CA-55 dated 22.10.2020 -  
 Regarding Source Approval of Construction Materials (PVC Coated Gabion  
 Wiremesh box).

**Reference:**

- (i) NEC/RVNL/PACKAGE-3/22-23/0950 Dt: 09.05.2022

**Sir,**

This is with reference to the above subject and referred letter. The Contractor vide letter at  
 ref. (i) dated 09.05.2022 has proposed the following:

S.No.	Material	Source/Supplier
1	PVC Coated Gabion Wiremesh box	Niaara Weldfab Industries

The products mentioned above are provisionally approved on the condition that the Contractor shall provide evidence that these products meet the contractual requirements prior to installation in the permanent Works.

If any change in the quality or performance of the products is observed during construction, the source approval shall be immediately withdrawn in addition to rejection of the material.

This is for the Contractor's compliance duly in accordance with the Contract.

Yours Sincerely,



**Friedhelm Knippers**  
 (Team Leader)

Cc: 1) Mr. Ravikant (PD/PK3/RKSH)

राष्ट्रीय राजमार्ग एवं अवसंरचना विकास निगम लिमिटेड  
(सरकारी परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)  
परियोजना प्रबंधन इकाई:- चुगी बड़ीधी, निकट होटल आश्रम गंगा,  
निला - उत्तराकाशी 249193 (उत्तराखण्ड)

National Highways & Infrastructure Development Corporation Ltd.  
(Ministry of Road, Transport & Highways, Government of India)  
Project Management Unit-ChungBarethi, Near Hotel Akash Ganga,  
Dist. Uttarkashi- 249193(Uttarakhand)  
Mobile No: +918865944266, Email: grpmuktarkashi@nhidcl.com&rhidd.uttarkashi@gmail.com  
वेबसाइट/Website: www.nhidcl.com



CIN U45400DL2014GOI269062

A PUBLIC SECTOR UNDERTAKING

Date: Apr'2022

26

NHIDCL/PMU-UKI/SB-BT/2022-23/72

To,  
M/s Navayuga Engineering Company Ltd.  
Hotel Shivansh Palace,  
Vill: Gonoti (Silkyara Bend)  
Post: Manjgaon, Teh: Dunda,  
Distt: Uttarkashi, Uttarakhand- 249152

**Sub:** Construction, Operation and Maintenance of 2- Lane Bi- Directional Silkyara Bend- Barkot Tunnel with escape passage including approaches on Dharasu-Yamunotri section between CH.25.400Km and CH.51.00Km falling along NH-134 (Old NH-94) in the state of Uttrakhand- Approval for construction materials for Wiremesh and Gabion Box- Reg.

Ref:- Your Office letter no NEC/NHIDCL/SB-BT/22-23/05 dated 26.04.2022

Sir,

1. With reference to subject cited above it is to inform that the construction material for Wiremesh and Gabion Box is approved by this PMU. The details are attached as annexure to this letter.
2. However it may be noted any deterioration in the quality of construction material for Wiremesh and Gabion Box used on project at any stage if found, such approval will stand automatically cancelled and the Contractor shall be solely responsible for using any substandard material.
3. For information and necessary action please.

(Col. Deepak Patil)  
General Manager (P)  
NHIDCL, PMU-Uttarkashi  
deepak.patil71@gov.in

**Copy to:-**

1. M/s TPF Getinsa Euroestudios D.L. in association with M/s RODIC Consultant Pvt. Ltd.
2. Office Copy.

- for information please.

राष्ट्रीय राजमार्ग एवं अवसंरचना विकास निगम लिमिटेड  
(साइक परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)  
परियोजना ब्रॉडबैंग इकाई:- चुगी बडेथी, निकट होटल आकाश गंगा,  
जिला - उत्तरकाशी 249193 (उत्तराखण्ड)

**National Highways & Infrastructure Development Corporation Ltd.**

(Ministry of Road, Transport & Highways, Government of India)

Project Management Unit-ChungBarethi, Near Hotel Akash Ganga,  
Dist. Uttarkashi- 249193(Uttarakhand)

Mobile No: +918865944266, Email: pmkuttarkashi@nhidcl.com&nhidcl.uttarkashi@gmail.com

वेबसाइट/Website: www.nhidcl.com



CIN-U45400DL2014GOI269062

उत्तराखण्ड के लिए यह अप्रैल

A PUBLIC SECTOR UNDERTAKING

Annexure to letter no NHIDCL/PMU-UKI/SB-BT/2022-23/72

Dated 26.04.2022

SN	Name of Construction Material	Supplier Name	Source Address	Remark
1	Wiremesh	Niaara Weldfab Industries	G279, Mussoorie, Gulawathi Road, Industrial Area, Phase-1, Hapur, Uttar Pradesh	Approved
2	Gabion Box			

Date: 05 June 2025

## TO WHOM SO IT MAY CONCERN

This is to certify that we have purchased MS Welded Mesh from M/s Niaara Weldfab Industries for our RVNL Project Package-7A, Uttrakhand.

We Confirm that the quality of the material supplied is good and meets our project requirements. We are satisfied with their products and services and would highly recommend them.

This certificate is being issued at the request of M/s Niaara Weldfab Industries for the purpose of registering their product with CIDCO and is issued without any prejudice.

Thanks & Regards

*S. Subbarao*  
For Max Infra (I) Private Limited



# SHREESHIVENDRA INFRASTRUCTURE PVT. LTD.

Head Office - Flat no. 103, A- Wing, Sai Residency Behind BSNL office,

Near Umang / Gulmohar society, Talegaon Dabhade- Pune - 410507.

E-mail : shreeshivendrainfrastructure@gmail.com Mob. - 9850010406, 9922961090, 9922961091

Date :

Date: 15 May 2025

## TO WHOM SO IT MAY CONCERN

This is to certify that we have purchased MS Welded Mesh from **M/s Niaara Weldfab Industries** for our Diddol Ramban Jammu and Kashmir **TATA Tunnel Project** sites.

We Confirm that the quality of the material supplied is good and meets our project requirements. We are satisfied with their products and services and would highly recommend them.

This certificate is being issued at the request of **M/s Niaara Weldfab Industries** for the purpose of registering their product with CIDCO and is issued without any prejudice.

Thanks & Regards

For Shreeshivendra Infrastructure Pvt Ltd

Authorized Signatory



14-May-2025

**TO WHOM IT MAY CONCERN**

This is to certify that we have purchased MS Welded Mesh from M/s. Niaara Weldfab Industries for our Vishnugad Pipalkoti Hydro Electric Project and Tapovan Vishnugad Hydro Electric Project sites.

We confirm that the quality of the material supplied is good and meets our project requirements. We are satisfied with their products and services and would highly recommend them.

This certificate is being issued at the request of M/s. Niaara Weldfab Industries for the purpose of registering their product with CIDCO, and is issued without any prejudice.

Yours faithfully,  
For Hindustan Construction Co. Ltd.



**Veeran Sidhwani**  
General Manager – Procurement

TURNKEY PROJECTS + HVAC



## To whom it may concern

This is to certify that the quality of MS welded wire mesh supplied by M/s. Nizara Weldfab Industries vide their invoice no. 57 dated – 28/02/2019 & invoice no. 11 dated – 15/04/2019 for our NHAI Project, Solan (H.P) have been found good and true to the specification.

We wish them great success in their future endeavors.



Authorized signatory



## TEST CERTIFICATE

PAGE 1 OF 1

DETAILS		CUSTOMER/DESTINATION		WAGON/TRUCK/TRAILOR No.		R.R. WEIGHT (TONS)	
T.C.NO:	QMS/PRO/ADM/2022-24/910/00035201	DATE: 29/09/2023	NAARA WELDFAB INDUSTRIES, G 279, Masuri Golwalkhi Road Industrial Area Phase-1, Ghaziabad, Uttar Pradesh, India		UPI4HT8982		2.070
INV.NO:	7132361356	DATE: 29/09/2023					

WE CERTIFY THAT THE MATERIAL DESCRIBED BELOW FULLY CONFORMS TO IS1169 - 2019 CHEMICAL COMPOSITION OF THE PRODUCT, AS TESTED IN ACCORDANCE WITH THE SCHEME OF TESTING AND INSPECTION CONTAINED IN THE BIS CERTIFICATION MARKS LICENSE NUMBER CMIL-6600048813, ARE AS INDICATED AGAINST EACH ORDER NUMBER (PLEASE REFER TO IS1169 - 2019 FOR DETAILS OF SPECIFICATION REQUIREMENTS).

HEAT / LOT NUMBER	NAME NO.OF COILS / BUNDLES (mm)	CHEMICAL COMPOSITION												GRADE
		C	MN	P	S	SI	TOT AL.	CR	CU	V	B	CEq	N2	
23F02043	10	0.150	0.680	0.024	0.033	0.050	0.036	0.012	—	—	—	—	—	NA
MECHANICAL PROPERTIES														
LOT NUMBER	YS (N/mm <sup>2</sup> )	UTS (N/mm <sup>2</sup> )	EL. (%)	RA	GRAIN SIZE (ASTM E112)	INCLUSION RATING (IS 4163)		SPARK HARDNESS		MECHANICAL PROPERTIES				AS ROLLED
23F02043	277.000	432.000	33.000	98.00	9.8.9	—	—	TK	TH	TK	TH	TK	TH	—
23F02043	277.000	432.000	33.000	98.00	9.8.9	0.5000	—	—	—	0.5000	—	1.0000	1.0000	—

## STANDARD SPECIFICATIONS:

CHEMICAL	C	Ma	P	S	Si	Al	Cr	Cu	Ce	V	Ti	B
MECHANICAL	0.150 - 0.200	0.600 - 0.900	≤ 0.030	≤ 0.035	< 0.100	0.020 - 0.150	< 0.050	NA	—	—	—	—
	YS	UTS	%EL	%EL	RA	—	—	—	—	—	—	—
	270 - 370	400 - 520	≥ 36	≥ 55	—	—	—	—	—	—	—	—

THE MATERIAL SUPPLIED CONFORMS TO THE STANDARD ROLLING AND MASS TOLERANCES

AVERAGE WEIGHT OF EACH BUNDLE/COIL / BLOOMS IS 2.070 TONS APPROXIMATELY  
MANUFACTURED FROM BOF-LF/IRUT-CCM-BLOOMS, WIRE ROD  
REDUCTION RATIO: 0.016 COLOUR CODE: PINK+ORANGE+BLUE.





## TEST CERTIFICATE

PAGE 1 OF 1

DETAILS		CUSTOMER/DESTINATION		WAGON/TRUCK/TRAILOR No.		R.R. WEIGHT (TONS)	
T.C.NO:	QMSR/QAD/RM46/W/2023-24/9130/00027001	DATE: 19.08.2023	NIARA WELFAIR INDUSTRIES, G 279, Nasrin Gujwathi Road Industrial Area Phase-1, Gitanjali, Utar Pradesh, India		UP1411T8982		2080
INV.NO:	7132301017	DATE: 19.08.2023					

WE CERTIFY THAT THE MATERIAL DESCRIBED BELOW FULLY CONFORMS TO IS 7887 - 1992 CHEMICAL COMPOSITION OF THE PRODUCT, AS TESTED IN ACCORDANCE WITH THE SCHEME OF TESTING AND INSPECTION CONTAINED IN THE BIS CERTIFICATION MARKS LICENCE NUMBER CML-2336750 ARE AS INDICATED AGAINST EACH ORDER NUMBER (PLEASE REFER TO IS 7887 - 1992 FOR DETAILS OF SPECIFICATION REQUIREMENTS).

HEAT/ LOT NUMBER	NO. OF COILS/ BUNDLES	CHEMICAL COMPOSITION						MECHANICAL PROPERTIES						GRADE	EQUIVALEN- T			
		C	MN	P	S	SI	AL	CR	CU	CE	VS	UTS	%EL	RA	BEND TEST	HARD- NESS	COLOUR	IS GRADE
23F01372	3	0.073	0.360	0.023	0.008	0.203	0.041	0.013	—	—	—	252,000	349,000	41,000	81,000	NA	—	ORANGE
STANDARD SPECIFICATIONS:																		
CHEMICAL	C	0.030 - 0.100	0.300 - 0.500	<= 0.040	—	S	—	SI	—	Al	—	—	—	—	—	—	—	—
	MECHANICAL	YS	200 - 350	—	UTS	—	—	%EL	—	RA	—	—	—	—	—	—	—	—
THE MATERIAL SUPPLIED CONFORMS TO THE STANDARD ROLLING AND MASS TOLERANCES. AVERAGE WEIGHT OF EACH BUNDLE/COIL/BULLET/BLOOM IS 2.080 TONS APPROXIMATELY MANUFACTURING ROUTE: BOF-LF/ROUT-CCM-BLOOMS-WIRE ROD REDUCTION RATIO: 0.016 COLOUR CODE: ORANGE																		

*[Signature]*  
THE MATERIAL SUPPLIED CONFORMS TO THE STANDARD ROLLING AND MASS TOLERANCES.  
AVERAGE WEIGHT OF EACH BUNDLE/COIL/BULLET/BLOOM IS 2.080 TONS APPROXIMATELY  
MANUFACTURING ROUTE: BOF-LF/ROUT-CCM-BLOOMS-WIRE ROD  
REDUCTION RATIO: 0.016 COLOUR CODE: ORANGE

FOR (QA & TD)  
VISAKHAPATNAM STEEL PLANT  
R.I.N.L





SAIL, IISCO STEEL PLANT

Grade SAE 1018

Section 8 mm WRC

Heat No. -1900422

Made in India

CAST No.



SAIL, IISCO STEEL PLANT

Grade SAE 1018

Section 8 mm WRC

Heat No. -1900419

Made in India



STEEL AUTHORITY OF INDIA LIMITED

NSCO STEEL PLANT

BURNPUR - 713325

(Registered Office : Ispat Division, Laxmi Road, New Delhi-110001)

Test Certificate



Test Certificate No : IS 7887

SCAN TO VERIFY

Test Certificate No:	W190103892	Date:	31/01/2019
Shipping Adv No:	RL/WR/1901/000542WR	Shipping Date:	31/01/2019
Wagon No:	NFR21051815745	M.P. Ref No:	MR1901320402 (11/01/2019)

## TEST CERTIFICATE FOR MILD STEEL WIRE ROO FOR GENERAL ENGINEERING PURPOSES

GRADE : IS 7887:1992 Grade TM (SAE 1018) 0.6703

TIR SAIL

It is certified that the material described below fully conforms to IS 7887 : 1992 - Chemical Composition of the product as tested in accordance with the Schemes of Testing and inspection contained in the ISI Certification Marks List No. CMNL-5735776 are as indicated against each Order No.

(PLEASE REFER TO IS 7887 : 1992 FOR DETAILS OF SPECIFICATION REQUIREMENTS)

## TEST RESULTS

Section	QTY	Cast No	Chemical Composition %							
			C	Mn	S	P	Si	CE	Al	N (PPM)
8 mm PLAIN WIRE ROD COIL	62.160	31900422	0.200	0.700	0.012	0.020	0.191	0.340	0.002	63.0
		31900419	0.200	0.630	0.013	0.021	0.169	0.340	0.001	68.0

Section	Cast No	Mechanical Property			
		Y.S. (N/sq.mm)	U.T.S (N/sq.mm)	Elongation %	RA %
8 mm PLAIN WIRE ROO COIL	31900422	331	452	30	
	31900419	330	451	30	

Surface Quality : SATISFACTORY.

NOTE: 1 N/sq.mm = 0.1020 kg F/sq.mm

Y.S. = Yield Stress (N/sq.mm), U.T.S. = Ultimate Tensile Stress (N/sq.mm)

The Materials supplied conforms to the standard Rolling and weight tolerance

MANUFACTURING ROUTE: BF-BOP-LRF-CC-WRM





STEEL AUTHORITY OF INDIA LIMITED  
BHILAI STEEL PLANT, BHILAI-490001  
RESEARCH AND CONTROL LAB (MECHANICAL TESTING LAB)  
TEST CERTIFICATE FOR MILD STEEL WIRE ROD FOR GENERAL ENGINEERING PURPOSES

Page No. 0 - of 1  
IS 7887 - 1992 RA 2012  
CM/L-2165850  
**ISI**  
CM/L-2165850

WILAYAT GHAZIABAD  
20/201

T.C. No.: RCL/MT/WR/90627832  
T.C. Date: 13/01/2016  
PO No.:  
PO Date:  
DA No.: 90627832  
Wagon No./Train No.: 14049-1406000

Specification IS 7887:1992 GRADE 3

SWR10

It is certified that the material described below fully conforms to IS 7887 : 1992 RA 2012. The Chemical composition, as tested in accordance with the Scheme of Testing and Inspection contained in the ISI certificate marks License No. CM/L - 2165850 are as indicated below against each Order No. etc. (Please refer to IS 7887 : 1992 RA 2012 for details of specification requirements)

ORDER NO. : 1100388838

TEST RESULTS

Product Grade Description	Reel No.	Quantity (MT)	Chemical Analysis				
			C %	Mn %	P %	S %	Si
Specified Limits :-			0.10 (Max.)	0.70 (Max.)	0.030 (Max.)	0.030 (Max.)	—
WR/COIL IS 7887/2012(SWR10)18	208183	22.410	0.08	0.43	0.022	0.024	0.024
WR/COIL IS 7887/2012(SWR10)18	208185	28.140	0.08	0.32	0.014	0.018	0.023

TOTAL TONNAGE: 50.550 (MT)

Reel Code: ALLUREMUM - SPEEN

The material described conforms to the standard rolling and make tolerance.

*V. S. Suresh*

V. S. SURESH  
Authorized Signatory  
Research & Control Laboratory  
Bhilai Steel Plant

Authorised Signatory  
SAI/CS/2016

## TEST REPORT

**Issued To:**

The Resident cum Tunnel Excavation Expert,  
M/s Centro de Estudios de Materiales y Control de obra, SA  
(CEMOSA) in association with Introssoft Solutions,  
Gernur,(8/7), P.O.: Gernur, Dist.-Lahul and Spiti,  
Himachal Pradesh.

**ULR No.: TC657522000003780F****Sample Id: 061025/03****Date of Receipt: 06/10/2025****Date of performance of Testing: 14-15/10/2025****Date of Issue of Report: 15/10/2025****Sample Description: Welded Wire Mesh****Sample Quantity:** 1 sqm.**Sample Condition:** Receipt as OK**Sample Plan & Sampling Method:** N/A.**Environment Condition (Temp. & Humidity):** 27.5° C & NA**Addition to, Deviation or Exclusion from the Method:** NA**Make: Niaara weldfab's****Size: 150×150×6****Sample ID: Master Samples****Test Performed at: Lab**

Ref. No.: CEMOSA/BRO/Shinkun La TnL/AE/2025/Site/048 Date: 01/10/2025

N.O.W.: "Construction of Uni-Directional Twin Tunnels at Shinkun La Pass of Length 4.1 Km (approximate Length) including Civil and Electrical/Mechanical work along with approaches Darcha-Padam Highway to NHDL Specification in Himachal Pradesh and the UT" of Ladakh under Project Yojak on EPC Mode".

Contractor Name: M/s Dhariwal-Evarscon JV

Kindly Attn.: Mr. Jay Kishor Bharti

S. No.	Parameters	Test Value	Requirement as per IS: 432 P-II: 1982 & IS: 1566: 1982	Method of test	Conformity
<b>A. Physical Properties:</b>					
1.	Diameter of wire, mm	5.98	6.0 +2 % 6.0 -1%	IS 808:2021	Yes
2.	Mesh Size, mm	150.72×152.11	150×150 ± 5%		Yes
3.	Mass, Kg/m <sup>2</sup>	3.067	2.960 ± 6%	IS 1566:1982	Yes
4.	Yield Stress, N/mm <sup>2</sup>	713.56	480 Min.		Yes
5.	Tensile Strength, N/mm <sup>2</sup>	843.42	570 Min.	IS: 1608(P-1): 2022	Yes
6.	Elongation, %	10.65	7.5 Min.		Yes
<b>B. Chemical Properties:</b>					
1.	Sulphur, %	0.020	0.050 Max.	IS: 228(P-9)-1987 RA:2019	Yes
2.	Phosphorous, %	0.027	0.050 Max.	IS: 228(P-3)-1987 RA:2018	Yes

Remarks: With respect to the above test, sample does complies with specification.

Note: 1. The Above Test refers only to the Items tested.

2. Statement of Conformity &amp; Decision Rule (In case of Borderline): N.A.

3. Opinion &amp; Interpretations: N.A.

\*\*\*\*\*End of Report\*\*\*\*\*



Mr. Rahul Rohilla (Q.M.)

Reviewed &amp; Authorised

1. The result listed refer only to the tested samples and applicable parameters endorsement of product is neither inferred nor implied.
2. Total liability of our Lab is limited to the invoiced amount.
3. Samples will be destroyed after 30 Days from the date of issue of test report.
4. This report is not be reproduced wholly or in part and cannot be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.



## TEST REPORT

Issued to:  
M/s HCC DBL JV  
RVNL Project, Package-9, Gauchar  
Distt. Chamoli, Uttrakhand-246429

Report No. : DTR/GEN/20072324329  
ULR No. : TC741423000004310F  
Report Date : 21/07/2023  
Your Ref. No. : DBL\_EXT\_0797\_01,  
Dt. 19/07/2023  
Date of Receipt : 20/07/2023  
Period of Testing : 20/07/2023 – 20/07/2023

DTRL-2023-4256



Sample Description : Wire Mesh 150x150x8mm (Make- Niaara Weldfab Industries)  
Sample Condition : Good  
Name of Project : Construction of Tunnels, Bridges, yard and formation works from chainage 117+365 to 125+320 (FLS) under Package-09 in connection with new BG line between Rishikesh and Karnprayag (125 km) in the State of Uttarakhand, India.  
Name of Agency : M/s Niaara Weldfab Industries  
Location : HCC-DBL (JV)

S. No.	Test	Units	Test Method	Result	Requirement	Conformity
					IS 1566:1982 Upto Amnd.-4 RA-2020 IS 432(Pt-2):1982 Upto Amnd.-3 RA-2020	

**Discipline: Chemical**

**Group: Metals & Alloys**

1.	Phosphorus	%	IS 8811:1998 RA-2018	0.018	0.050 Max.	Yes
2.	Sulphur	%	IS 8811:1998 RA-2018	0.009	0.050 Max.	Yes
3.	Nitrogen	%	IS 228(Pt-19):1998 RA-2021	0.007	0.008 Max.	Yes

**Discipline: Mechanical**

**Group: Mechanical Properties of Metals**

1.	Diameter of Wire	mm	IS 1566:1982 RA-2020	7.98	8.0 + 2 % - 1 %	Yes
2.	Tensile Strength	N/mm <sup>2</sup>	IS 1608(Pt-1):2022	613.7	570 Min.	Yes
3.	0.2 % Proof Stress	N/mm <sup>2</sup>	IS 1608(Pt-1):2022	562.0	480 Min.	Yes
4.	Elongation (When GL=8D)	%	IS 1608(Pt-1):2022	10.28	7.5 Min.	Yes
5.	Reverse Bend Test	-	IS 1716:1971 RA-2022	Satisfactory	No showing any sign of fracture.	Yes
6.	Nominal Mass	kg/m <sup>2</sup>	IS 1566:1982RA-2020	5.126	5.260 ± 6%	Yes
7.	Dimension	mm	IS 1566:1982RA-2020		150 ± 7.5 %	Yes
	a) Side A			150.26		
	b) Side B			150.33		

**J.B Verma**  
Tech. Manager

*Signature*  
Reviewed By :

\*\*End of Report\*\*

*Signature*  
Authorised Signatory

- (1) The results listed refer only to tested samples and applicable parameters. Endorsement of product is neither inferred nor implied.
- (2) Total liability of our Lab is limited to the invoiced amount.
- (3) Samples will be destroyed after 30 days from the date of test report unless otherwise specified.
- (4) This report is not to be reproduced wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without our special permission in writing
- (5) Report refer to the sample submitted to us and not drawn by us unless mentioned otherwise.

**TEST REPORT**

<b>Issued To:</b> Larsen & Toubro Limited, RVNL Package-2, Byasi – Village, Uttarakhand – 249192.	<b>ULR No.:</b> TC657522000003760F <b>Sample Id:</b> 101122/17 <b>Date of Receipt:</b> 10/11/2022 <b>Date of performance of Testing:</b> 14-15/11/2022 <b>Date of Issue of Report:</b> 15/11/2022
<b>Sample Description:</b> Welded Wire Mesh <b>Sample Quantity:</b> 1 sqm. <b>Sample Condition:</b> Receipt as OK <b>Sample Plan &amp; Sampling Method:</b> N/A. <b>Environment Condition (Temp. &amp; Humidity):</b> 27.5 <sup>0</sup> C & NA <b>Addition to, Deviation or Exclusion from the Method:</b> NA <b>Ref.: Email Dated:</b> 14.11.2022 <b>N.O.W:</b> Construction of Tunnels, Bridges and Formation Works from Chainage 18+444 to 33+097 under Package -2 in Connection with new Single Broad Gauge Rail Link Between Rishikesh and karanprayag (125 km) in the State of Uttarakhand, India.	<b>Make:</b> Niaara weldfab's <b>Size:</b> 150×150×6 <b>Sample ID:</b> Master Samples <b>Test Performed at:</b> Lab

S. No.	Parameters	Test Value	Requirement as per IS: 432 P-II: 1982 & IS: 1566: 1982	Method of test	Conformity
<b>A. Physical Properties:</b>					
1.	Diameter of wire, mm	5.98	6.0 +2 % 6.0 -1%	IS 808:2021  IS 1566:1982  IS: 1608(P-I): 2022	Yes
2.	Mesh Size, mm	150.72×152.11	150×150 ± 5%		Yes
3.	Mass, Kg/m <sup>2</sup>	3.067	2.960 ± 6%		Yes
4.	Yield Stress, N/mm <sup>2</sup>	713.56	480 Min.		Yes
5.	Tensile Strength, N/mm <sup>2</sup>	843.42	570 Min.		Yes
6.	Elongation, %	10.65	7.5 Min.		Yes
<b>B. Chemical Properties:</b>					
1.	Sulphur, %	0.020	0.050 Max.	IS: 228(P-9)-1987 RA:2019	Yes
2.	Phosphorous, %	0.027	0.050 Max.	IS: 228(P-3)-1987 RA:2018	Yes

Remarks: With respect to the above test, sample does complies with specification.

**Note:** 1. The Above Test refers only to the Items tested.

2. Statement of Conformity &amp; Decision Rule (In case of Borderline); N.A.

3. Opinion &amp; Interpretations: N.A.

\*\*\*\*\*End of Report\*\*\*\*\*



Mr. Rahul Rohilla (Q.M.)

Reviewed &amp; Authorised

1. The result listed refer only to the tested samples and applicable parameters endorsement of product is neither inferred nor implied.
2. Total liability of our Lab. is limited to the invoiced amount.
3. Samples will be destroyed after 30 Days from the date of issue of test report.
4. This report is not be reproduced wholly or in part and cannot be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writing.



**TEST-REPORT**

<b>Issued to:</b> M/s HCC-DBL(JV) Plot No-5, Inside Govind Narayan Singh Gate, Chuna Bhatti, Kolar Road, Bhopal-462016, Madhya Pradesh, INDIA	<b>ULR No.</b> :- TC71812200004709F <b>Report No.</b> :- PTL/GEN/04709 <b>Letter Ref. No.</b> :-DBL_EXT_0331_01 <b>Date of Receipt</b> :- 09/08/2022 <b>Period of Testing</b> :- 09/08/2022- 13/08/2022 <b>Date of Report</b> :- 13/08/2022
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**Sample Description** :-Welded Wire Mesh (150x150x6mm)      **Source**:- M/s Niarra Weldfab Industries"

**Name Of Work** :- Construction of tunnels, bridges, yard and formation works from chainage 117+365 to 125+320 (FLS) Under Package-09 in Connection with new BG Line Between Rishikesh and Karnprayag (125km) in the state of Uttarakhand, India.

**Location**:-HCC-DBL JV

<u>S.No.</u>	<u>Test</u>	<u>Unit</u>	<u>Test Method</u>	<u>Test Result</u>	<u>Requirement</u> IS 432(P-1)/IS 1566:1982	<u>Conformity</u>
<b>A. Physical Parameter</b>						
1.	Mesh Size	mm	IS 808:2021	150x150	150x150(+5%)	Yes
2.	Wire Dia			6.04	6.0±2 -1%	Yes
3.	Tensile Strength	N/mm <sup>2</sup>	IS:1608(Pt-1):2018	652	570 Min.	Yes
4.	Yield Stress	N/mm <sup>2</sup>	IS:1608(Pt-1):2018	591	480 Min.	Yes
5.	Elongation	%	IS:1608(Pt-1):2018	15.3	7.5 Min	Yes
6.	Mass	Kg/m <sup>2</sup>	IS 1566:1982	2.985	2.960±6%	Yes
7.	Bend Test	-	IS 1599:2012 Ref: 2017	Satisfactory	The Sample withstand Showing without any Cracks.	Yes
<b>B. Chemical Parameter</b>						
1.	Sulphur	%	IS 228 (P-9):1989, Ref:2009	0.023	0.050 Max.	Yes
2.	Phosphorus	%	IS 228 (P-3):1987, Ref:2008	0.026	0.050 Max.	Yes
3.	Carbon	%	IS 228(Pt-1):1987	0.10	0.13 Max.	Yes
4.	Nitrogen	%	IS 228 (P-19):1987, Ref:2008	0.008	0.08 Max.	Yes

\*\*End of Report\*\*

  
**Lab Incharge**

- (1) The results listed refer only to tested samples and applicable parameters. Endorsement of product is neither inferred nor implied.
- (2) Total liability of our Lab is limited to the invoiced amount.
- (3) Samples will be destroyed after 90 days from the date of test report unless otherwise specified.
- (4) This report is not to be reproduced wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without our special permission in writing
- (5) Report refer to the sample submitted to us and not drawn by us unless mentioned otherwise.

Director  
**C. N. MISHRA**  
  
Authorised Signatory



**TEST-REPORT**

**Issued to:**  
M/s HCC-DBL(JV)  
Plot No-5, Inside Govind Narayan Singh Gate,  
Chuna Bhatti, Kolar Road, Bhopal-462016,  
Madhya Pradesh, INDIA

ULR No. :- TC71812200004710F  
Report No. :- PTL/GEN/04710  
Letter Ref. No. :-DBL EXT\_0331\_01  
Date of Receipt :- 09/08/2022  
Period of Testing :- 09/08/2022- 13/08/2022  
Date of Report :- 13/08/2022

**Sample Description** :-Welded Wire Mesh (150x150x8mm) **Source**:- M/s Niarra Weldfab Industries"  
**Name Of Work** :- Construction of tunnels, bridges, yard and formation works from chainage 117-365 to 125+320 (FLS) Under Package-09 in Connection with new BG Line Between Rishikesh and Karnprayag (125km) in the state of Uttrakhand, India.

**Location**:-HCC-DBL JV

<u>S.No.</u>	<u>Test</u>	<u>Unit</u>	<u>Test Method</u>	<u>Test Result</u>	<u>Requirement</u> IS 432(P-1)/IS 1566:1982	<u>Conformity</u>
<b>A Physical Parameter</b>						
1.	Mesh Size	mm	IS 808:2021	150x150	150x150(+5%)	Yes
2.	Wire Dia			8.03	6.0+2 -1%	Yes
3.	Tensile Strength	N/mm <sup>2</sup>	IS:1608(Pt-1):2018	626	570 Min.	Yes
4.	Yield Stress	N/mm <sup>2</sup>	IS:1608(Pt-1):2018	583	480 Min.	Yes
5.	Elongation	%	IS:1608(Pt-1):2018	14.6	7.5 Min	Yes
6.	Mass	Kg/m <sup>2</sup>	IS 1566:1982	2.995	2.960±6%	Yes
7.	Bend Test	-	IS 1599:2012 Ref. 2017	Satisfactory	The Sample withstand Showing without any Cracks.	Yes
<b>B Chemical Parameter</b>						
1.	Sulphur	%	IS 228 (P-9):1989, Ref:2009	0.021	0.050 Max.	Yes
2.	Phosphorus	%	IS 228 (P-3):1987, Ref:2008	0.023	0.050 Max.	Yes
3.	Carbon	%	IS 228(Pt-1):1987	0.11	0.13 Max.	Yes
4.	Nitrogen	%	IS 228 (P-19):1987, Ref:2008	0.004	0.08 Max.	Yes

\*\*End of Report\*\*

- (1) The results listed refer only to tested samples and applicable parameters. Endorsement of product is neither inferred nor implied.  
 (2) Total liability of our Lab is limited to the invoiced amount.  
 (3) Samples will be destroyed after 90 days from the date of test report unless otherwise specified.  
 (4) This report is not to be reproduced wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without our special permission in writing.  
 (5) Report refer to the sample submitted to us and not drawn by us unless mentioned otherwise.

**Director**  
**C. N. MISHRA**

**Authorised Signatory**



## Batra Metallurgical &amp; Spectro Station

Working for: R.D.S.O., RITES, AIRFORCE, C.P.W.D.G.Q.A. &amp; OTHER GOVT AGENCIES

IE/18, II Floor, Jhandewalan Ext, New Delhi - 110055  
Ph: 43516704/05/06, 9312235740, 9873740466 Fax: 43510616  
Email: batratesthouse@gmail.com; abatra.mss@gmail.com

Website: www.batratesthouse.com

An ISO 9001:2015  
Certificate Company

Party Code	P726	FIR No	129474
Issued To	M/S. MAX INFRA (I) LTD. C/O CHAIN SINGH VILLAGE KHARIAN, POST OFFICE SWAHAN, TEHSIL SHRI NANDA DEVI JL, DISTT. BILASPUR, HP - 174310.	Date of Issue	22-03-2022
		Job Order	47675A
		Date of Receipt	19-03-2022

Sample Description PVC COATED GABION BOX WAS RECEIVED FOR TESTING.

S.NO	DESCRIPTION	REQUIRED	UOM	OBSERVED	REMARKS	SPECIFICATION
1.	MESH STRENGTH PARALLEL TO DIRECTION OF TWIST	> 32.0	KN/M	36	OK	AS PER IS : 16014
2.	MESH STRENGTH PERPENDICULAR DIRECTION TO TWIST	> 15.5	KN/M	20	OK	AS PER IS : 16014
3.	MESH OPENING 'D' * LENGTH ( mtr ) * WIDTH ( mtr ) * HEIGHT ( mtr )	96.116 2.85 - 3.15 0.95 - 1.05 1.45 - 1.55	mm mtr mtr mtr	102 3 1 1.5	OK OK OK OK	AS PER IS : 16014 AS PER IS : 16014 AS PER IS : 16014 AS PER IS : 16014
4.	MESH WIRE DIA	2.70/3.70+0.08	mm	3.7	OK	AS PER IS : 16014
5.	SELVEDGE WIRE DIA	3.40/4.40+0.10	mm	4.4	OK	AS PER IS : 16014
6.	LACING WIRE DIA	2.20/3.20+0.06	mm	3.2	OK	AS PER IS : 16014
7.	WRAP TEST	-----	-----	-----	OK	AS PER IS : 16014



\*\*\*\*\* END OF REPORT \*\*\*\*\*



## Note:

- Samples are not drawn by us
- Description of sample is as provided by the party & total liability of our work is limited to invoice amount.
- Test samples will be disposed after 90 days of receipt.
- This report cannot be used as evidence in a case of law without written approval of the lab.
- Photocopy without authentication is not valid.

## ISO ACCREDITED LABORATORY

Facilities Available: Spectro & Chemical Analysis, XRF Gun for field, Mechanical Test, Impact Testing, Roll Fr. Hardness (Rockwell, Vickers), Microstructure, Macrostructure, Salt Spray Test, Cupping, Nickel Spot, Nickel Release, Lead Free, Cadmium Free Test in Accessories & Handicrafts, Zinc/Nickel/Chrome Plating & Coating Thickness, AZO Free, Color Fastness in Fabrics, Ultrasonic Test, Water Testing, ID of PVC, Nylon, Plastics, Rubber, Bakelite, Dealing in all Laboratory Equipments with their Accessories etc.



## Batra Metallurgical & Spectro Station

Working for: R.D.S.O., RITES, AIRFORCE, C.P.W.D, G.O.A. & OTHER GOVT AGENCIES

IE/18, 11 Floor, Jhandewalan Ext, New Delhi - 110055

Ph: 43516704/05/06 9312235740 98773740466 Fax: 43510616

Email: [hatratesthous@gmail.com](mailto:hatratesthous@gmail.com); [abaltzg-mcc@gmail.com](mailto:abaltzg-mcc@gmail.com)

Website: [www.bethelorthodox.com](http://www.bethelorthodox.com)

Party Code	P726	FIR No	131943
Issued To	M/S. CHAWLA STEEL INDUSTRIES, 20MW, INDUSTRIAL AREA-1, CHANDIGARH.	Date of Issue	05-03-2022

Sample Description: SAMPLE WAS RECEIVED FOR MECHANICAL TESTING.

..... MECHANICAL TEST REPORT .....

S.NO	DESC OF SAMPLE	U.T.S	Y-STRESS	EL %
1.	M.S WIRE 4 mm DIA	476 MPa	291 MPa	23.8 %

REMARKS : THE ABOVE TESTS CONFORMS TO MILD STEEL SPECIFICATION

\*\*\*\*\*END OF REPORT\*\*\*\*\*



Note: (i) Samples are not drawn by us.  
(ii) Description of sample is as provided by the party & total liability of our work is limited to invoice Amount.  
(iii) Test samples will be disposed after 90 days of receipt.  
(iv) This report cannot be used as evidence in a court of law without written approval of the lab.  
(V) Photocopy without authentication is not valid.

ISO ACCREDITED LABORATORY

Facilities Available: Spectro / Chemical Analysis, XRF Gun for field, Mechanical Test, Impact Testing, RoHS, Hardness (Rockwell, Vickers), Microstructure, Macrostructure, Salt Spray Test, Cupping, Nickel Spot, Nickel Release, Lead Free, Cadmium Free Test in Accessories & Handicrafts, Zinc/Nickel/Chrome Plating & Coating Thickness, AZO Free, Color Fastness in Fabrics, Ultrasonic Test, Water Testing, ID of PVC, Nylon, Plastics, Rubber, Bakelite, Dealing in all Laboratory Equipments with there Accessories etc.



# Batra Metallurgical & Spectro Station

Working for: R.D.S.O., RITES, AIRFORCE, C.P.W.D.G.Q.A. &amp; OTHER GOVT AGENCIES

IE/18, II Floor, Jhandewalan Ext, New Delhi - 110055

Ph: 43516704/05/06, 9312235740, 9873740466 Fax: 43510616

Email: batratesthouse@gmail.com; abatra.mss@gmail.com

Website: www.batratesthouse.com

An ISO 9001-2008  
Certificate Company

Party Code	P726	FIR No	121469
Issued To	M/S.NIAARA WELDFAB INDUSTRIES G - 279, PHASE - 1, UPSIDC INDL. AREA, M.G. ROAD, GHAZIABAD.	Date of Issue	05-06-2021
		Job Order	44755A
		Date of Receipt	04-06-2021

Sample Description WELDED WIRE MESH # 150 x 150 mm x 6 mm &amp; WAS RECEIVED FOR TESTING.

## \*\*\*\*\* TEST REPORT \*\*\*\*\*

S.NO	DESC OF SAMPLE	DESC OF TESTS	TEST RESULTS
1.	WELDED WIRE MESH 150 x 150 mm x 6 mm &	MESH SIZE SAMPLE SIZE MESH WIRE DIA U.T.S Y.STRESS ELONGATION WELD SHEAR STRENGTH BEND TEST CHEMICAL TEST :- CARBON SULPHUR PHOSPHORUS	150 x 150 mm 1.0 mtr x 1.0 mtr 6.0 mm 598.10 MPa 520.28 MPa 12.85 % 225.12 MPa FOUND OK & SATISFACTORY TILL THE COMPLETE REVERSE BEND 0.23 % 0.025 % 0.019 %

REMARKS : THE ABOVE TESTS CONFORMS TO Fe 500 SPECIFICATION.

## \*\*\*\*\* END OF REPORT \*\*\*\*\*



Authorised Signatory

- Note:
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  - Description of sample is as provided by the party & total liability of our work is limited to invoice Amount.
  - Test samples will be disposed after 90 days of receipt.
  - This report cannot be used as evidence in a court of law without written approval of the lab.
  - Photocopy without authentication is not valid.

## ISO ACCREDITED LABORATORY

Facilities Available: Spectro /Chemical Analysis, XRF Gun for field, Mechanical Test, Impact Testing, RoHs, Hardness (Rockwell, Vickers), Microstructure, Macrostructure, Salt Spray Test, Cupping, Nickel Spot, Nickel Release, Lead Free, Cadmium Free Test in Accessories & Handicrafts, Zinc/Nickel/Chrome Plating & Coating Thickness, AZO Free, Color Fastness in Fabrics, Ultrasonic Test, Water Testing, ID of PVC, Nylon, Plastics, Rubber, Bakelite, Dealing in all Laboratory Equipments with there Accessories etc.



# Batra Metallurgical & Spectro Station

Working for: R.D.S.O., RITES, AIRFORCE, C.P.W.D.G.Q.A. &amp; OTHER GOVT AGENCIES

1E/18, II Floor, Jhandewalan Ext, New Delhi - 110055  
 Ph: 43516704/05/06, 9312235740, 9873740466 Fax: 43510616  
 Email: batratesthouse@gmail.com; abatra.mss@gmail.com  
 Website: www.batratesthouse.com



Party Code	P726	FIR No	132390
Issued To	M/S. NIAARA WELDFAB INDUSTRIES G - 279, MASURI GULAWATHI ROAD, INDUSTRIAL AREA, HAPUR.	Date of Issue	23-06-2022
		Job Order	48835A
		Date of Receipt	22-06-2022

**Sample Description** SAMPLE WAS RECEIVED FOR MECHANICAL & ZINC COATING TESTING.

## \*\*\*\*\* TEST REPORT \*\*\*\*\*

S.NO	DESC OF SAMPLE	DESC OF TESTS	TEST RESULTS
1.	BINDING WIRE	WIRE DIA	1.25 mm
		U.T.S	480 N /mm <sup>2</sup>
		ELONGATION	17 %
		ZINC COATING	40 g/m <sup>2</sup>

REMARKS: THE ABOVE TESTS CONFORMS TO IS 280-2006 SPECIFICATION.

## \*\*\*\*\* END OF REPORT \*\*\*\*\*



- Note: (i) Samples are not drawn by us.  
 (ii) Description of sample is as provided by the party & total liability of our work is limited to invoice Amount.  
 (iii) Test samples will be disposed after 90 days of receipt.  
 (iv) This report cannot be used as evidence in a court of law without written approval of the lab.  
 (V) Photocopy without authentication is not valid.

## ISO ACCREDITED LABORATORY

Facilities Available: Spectro /Chemical Analysis, XRF Gun for field, Mechanical Test, Impact Testing, RoHs, Hardness (Rockwell, Vickers), Microstructure, Macrostructure, Salt Spray Test, Cupping, Nickel Spot, Nickel Release, Lead Free, Cadmium Free Test in Accessories & Handicrafts, Zinc/Nickel/Chrome Plating & Coating Thickness, AZO Free, Color Fastness in Fabrics, Ultrasonic Test, Water Testing, ID of PVC, Nylon, Plastics, Rubber, Bakelite, Dealing in all Laboratory Equipments with there Accessories etc.



# Batra Metallurgical & Spectro Station

Working for: R.D.S.O., RITES, AIRFORCE, C.P.W.D.G.Q.A. &amp; OTHER GOVT AGENCIES

1E/18, II Floor, Jhandewalan Ext, New Delhi - 110055

Ph: 43516704/05/06, 9312235740, 9873740466 Fax: 43510616

Email: batratesthouse@gmail.com; abatra.mss@gmail.com

Website: www.batratesthouse.com

An ISO 9001:2008  
Certified Company

Party Code	P726	FIR No	128946
Issued To	M/S. NIAARA WELDFAB INDUSTRIES G - 279, PHASE - 1, UPSIDC INDL. AREA, M.G. ROAD, GHAZIABAD.	Date of Issue	26-02-2022
		Job Order	4747BA
		Date of Receipt	26-02-2022

Sample Description WELDED WIRE MESH # 150 x 150 mm x 8 mm @ WAS RECEIVED FOR TESTING

## \*\*\*\*\* TEST REPORT \*\*\*\*\*

S NO	DESC OF SAMPLE	DESC OF TESTS	TEST RESULTS
1.	WELDED WIRE MESH 150 x 150 mm x 8 mm @	MESH SIZE	150 x 150 mm
		SAMPLE SIZE	1.0 mtr x 1.0 mtr
		MESH WIRE DIA	8.0 mm
		U.T.S	598.09 MPa
		Y-STRESS	551 MPa
		ELONGATION	12.9 %

REMARKS: THE ABOVE TESTS CONFORMS TO Fe 500 SPECIFICATION.

## \*\*\*\*\* END OF REPORT \*\*\*\*\*



- Note:
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  - Description of sample is as provided by the party & total liability of our work is limited to invoice Amount.
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  - Photocopy without authentication is not valid.

## ISO ACCREDITED LABORATORY

Facilities Available: Spectro /Chemical Analysis, XRF Gun for field, Mechanical Test, Impact Testing, RoHs, Hardness (Rockwell, Vickers), Microstructure, Macrostructure, Salt Spray Test, Cupping, Nickel Spot, Nickel Release, Lead Free, Cadmium Free Test in Accessories & Handicrafts, Zinc/Nickel/Chrome Plating & Coating Thickness, AZO Free, Color Fastness in Fabrics, Ultrasonic Test, Water Testing, ID of PVC, Nylon, Plastics, Rubber, Bakelite, Dealing in all Laboratory Equipments with there Accessories etc



(Govt. Approved, ISO 9001-2015 Certified &amp; NABL Accredited Laboratory)

# DUN TESTING & RESEARCH LABORATORIES

T-Estate, Bhagiratipuram, THDC Colony, Banjarawala, Dehradun (Uttarakhand) India

Mob.: +91-8006406915/16/17/18 Ph.: +91-135 2532704

E-mail: dtrldn@gmail.com • Web.: www.dtrllaboratory.com

## TEST REPORT

**Description of Sample:** Wire Mesh 1.25mm**Sample ID:** 24072022/2109**Sample Quantity:** 1 Nos**Sample Condition:** Receipt as OK**Sample Plan & Sampling Method:** NA**Environment Condition (Temp. & Humidity):** 27.9°C & NA**Addition to, Deviation or Exclusion from the Method:** NA**Client Name:**

M/s Navyuga Engineering Co. Ltd.  
 RVNL Pkg-5, Tunnel Project,  
 Koligarh Kaundiyala Vill. & Post,  
 Dist. Tehri Garhwal -249192

**Issued To:**

M/s Niaara weldfab industries,  
 G-279, Phase - 1, UPSIDC INDL. AREA,M.G. ROAD,  
 GHAZIABAD.

**Report No.:** DTRL/DDN/240722/2109**Date of Issue of Report:** 25/07/2022**Date of performance of Testing:** 25/07/2022**Date of Receipt:** 24/07/2022

S. No.	Parameters	Test Value	Requirement Fe:500	Method of test w.r.t. IS:
<b>A.</b>	<b>Physical Properties:</b>			
1.	Diameter of wire, mm	1.26	—	1566: 1982
2.	Unit Weight, Kg/m	3.06	—	1566: 1982
3.	0.2% Proof Stress, N/mm <sup>2</sup>	522.24	480 Min.	1608:2005 & 1566: 1982
4.	Tensile Strength, N/mm <sup>2</sup>	607.03	550-900 Min.	1608:2005 & 1566: 1982
5.	Elongation, %	12.60	7.5 Min.	1608:2005 & 1566: 1982
6.	Weld Shear Strength, N/mm <sup>2</sup>	225.0	-----	1608:2005 & 1566: 1982
7.	Reverse Bend Test	Satisfactory	No transverse crack in the bend portion should occur	1599-2019
<b>B.</b>	<b>Chemical Properties:</b>			
1.	Sulphur, %	0.028	0.050 Max.	228(P-9)-1987 (RA-2009)
2.	Phosphorous, %	0.023	0.050 Max.	228(P-3)-1987 (RA-2008)
3.	Carbon, %	0.28		

Note: 1. The Above Test refers only to the Items tested.

2. Statement of Conformity &amp; Decision Rule (In case of Borderline): NA

3. Opinion &amp; Interpretations: NA

\*\*\*\*\*End of Report\*\*\*\*\*



1. The result listed refer only to the tested samples as received and applicable parameters. Endorsement of the product is neither inferred nor implied.
2. Total liability of our lab is limited to the amount of sample amount.
3. Samples will be destroyed after 90 Days from the date of issue of test report.
4. This report shall not be reproduced wholly or in part and cannot be used as an evidence in the court of law and shall not be used in any advertising media without our special permission in writing.



Ref: NECL/RVNL-PKG-5/BINDING WIRE/2023-2024/138

Date: 10.07.2023

To,  
 M/s Niaara Weldfab Industries  
 G-279, Mussorie, Guluwati Road Industrial Area,  
 Phase-1, Ghaziabad-245101

Kind Attn: Mr. Aditya Gupta  
 Mob: 9871725266

Buyer Details	Supplier Details
<b>GSTIN : 05AAACN7396R1ZN</b>	<b>GST IN : 09AQIPG7243D1ZX</b>
Address : M/s Navayuga Engineering Co. Ltd., RVNL Project Pkg-5, Vill-Lachmoli, Post-Maletha, Dist-Tehri Garhwal, Uttarakhand -249161	Address : M/s Niaara Weldfab Industries G-279, Mussorie, Guluwati Road Industrial Area, Phase-1, Ghaziabad-245101

**Sub:** Order for the Supply of **GI Binding Wire** for our **RVNL Project, Srinagar, Tehri Garhwal, Uttarakhand - Reg.**

**Ref:** 1) Your offer dt: 10.07.2023 and subsequent discussions had with you.  
 2) Our Indent July-Sept dated 30.06.2023

Dear Sir,

With reference to the above subject, we are pleased to place our order for the supply of **GI Binding Wire for our RVNL Project, Srinagar, Tehri Garhwal, Uttarakhand** under the following Terms & Conditions:

S.No	Description	UOM	Qty	Unit Price	Total Amount
1	GI BINDING WIRE Wire dia -1mm, ±0.2mm	MT	5.5		
<b>Sub Total</b>					
<b>CGST / SGST</b>					
<b>IGST @ 18%</b>					
<b>Grand Total (FOR Site)</b>					

**Terms & Conditions:**

- Price Basis** : The above total price is including GST @ 18% & transportation **FOR Site**.
- TDS** : Tds u/s 194Q and 206 AB as applicable under income tax act will be deducted. Declaration u/s 206 AB to be provided.
- Dispatch Schedule** : The material should be dispatched at the earliest.
- Test Certificates** : Test Certificates should be forwarded within 28 days from the date of dispatch of material.
- Payment** : 30 days credit.
- Delivery Address** : M/s Navayuga Engg. Co. Ltd.,  
RVNL Project Pkg-5,  
Vill - Lachmoli / Ranihat,  
Tehri Garhwal, Uttarakhand-249161
- Contact Person** : Mr. Vijay Rai, Mob: 8120438789

Page 1 of 2

## Purchase Order



**MAX INFRA (I) PRIVATE LIMITED**

CIN: U452201G 1999PLC050061

**Vendor Name & Address:**

Vendor Code: 1000553  
 Vendor Address: M/s. NIAARA WELDFAB INDUSTRIES  
 24 HAPUR 201015  
 Phone:  
 GST No: 09AQIPG7243D1ZX  
 PAN No: AQIPG7243D

**Information:**

PO No: 11014606  
 PO Date: 05.06.2023  
 Plant No: 1014  
 Quotation No: \_\_\_\_\_ Date: \_\_\_\_\_  
 Indent No: 17001400  
 Indent Date: 31.05.2023  
 GSTIN No: 05AAACU3999B1ZC  
 Buyer: Mechanical Materia

**Shipping/Delivery Address:**

M/s. MAX INFRA (I) PVT.LTD.  
 RVNL Project -Package- 7A C/o Mr. Uday Penmetsa, Hotel  
 Rudraloka Village Khankra Rudraprayag, Uttarakhand 35  
 INDIA 246171

**Billing Address:**

MAX INFRA (I) PVT.LTD.  
 RVNL Project -Package- 7A C/o Mr. Uday Penmetsa, Hotel  
 Rudraloka Village Khankra Rudraprayag, Uttarakhand 35  
 INDIA 246171

**Terms of payment:**

30 Days credit from the date of supply/receipt of the material at site.

**Price Basis:**

F.O.R.D Site  
 GST Extra as shown.

**Delivery Schedule:**

Immediately

**Dear Sir / Madam,**

Your Quote/Bid read with subsequent discussions and negotiations are acceptable. The Terms and Conditions mentioned below and the attached General terms and conditions form an integral part of this Purchase Order.

Sr.No	Mat Code	Material Description And Part No	Unit	Qty	Unit Price	Gst %	Gst Amt	Total Value (RS)
1	11003728	WELDED WIREMESH 150 X 150 6MM 2M X 6M	MT	100.00		18.00		

**Total**

**Freight - Before Tax**

**Total Gst**

**Total TCS**

**Freight - After Tax**

**Total Other Charges**

**Grand Total**

**Transportation Details :** Above mentioned price is inclusive of transportation charges.

**Contact Details :** Mr. RAVI -9340042307

**Technical Specification :** Welded wire mesh shall conform to the requirements of IS: 1566. The fabric shall have a square mesh of 150x150x6mm, made of wires having a strength not less than 480 Mpa.

The above material found defective or not conforming to the specification / requirement or not in accordance to the order shall be rejected. You have to arrange immediate replacement of the equipment / material or rectify the defect at your cost and ensure the compliance of such rectified equipment to the specifications in the order.

**Consignee Tax Details :** 05AAACU3999B1ZC

**Delivery Address :** M/s. MAX INFRA (I) LIMITED  
 Hotel Rudra Lok, Kanakara Village,  
 Rudraprayag District, Uttarakhand-246171  
 Contacting Person at Site:  
 Mr. RAVI -9340042307

## Purchase Order



**MAX INFRA (I) LIMITED**

Passion for Infra

**Vendor Name & Address:**

Vendor Code: 1000553  
 Vendor Address: M/s. NIAARA WELDFAB INDUSTRIES  
 24 HAPUR 201015  
 Phone:  
 GST No: 09AQIPG7243D1ZX  
 PAN No: AQIPG7243D

**Information:**

PO No: 11012801  
 PO Date: 22.02.2023  
 Plant No: 1017  
 Quotation No:  
 Indent No: 11002393  
 Indent Date: 04.02.2023  
 GSTIN No: 02AAACU3999B1ZI  
 Buyer: Consumable materia

Date:

**Shipping/Delivery Address:**

Max Infra (I) Limited  
 Rookage - Ht. F16 Village-Khasiyon, pos?Office Sivashan,  
 Tehsil Sri Naini Devi & Dist: Bilaspur, Himachal Pradesh  
 174310

**Billing Address:**

Max Infra (I) Limited  
 Village Kanguwali, Tehsil naina Devi, Nearby Toba Dist:  
 Bilaspur, Himachal Pradesh 174310

**Terms of payment:**

50% advance along with purchase order and balance 50%  
 against PI after readiness of the material prior to dispatch.

**Price Basis:**

D.A.P (Or) F.O.R.D Site  
 Bilaspur.  
 GST as shown above extra.

**Delivery Schedule:**

Dear Sir / Madam,

Your Quote/Bid read with subsequent discussions and negotiations are acceptable. The Terms and Conditions  
 mentioned below and the attached General terms and conditions form an integral part of this Purchase Order.

Sr.No	Mat Code	Material Description And Part No	Unit	Qty	Unit Price	Gst %	Gst Amt	Total Value (RS)
1	11000481	PVC COATED WIR MESH GABION BOX3.00X1X1.5	EA	200.00		18.00		
2	11000480	PVC COATED WIR MESH GABION BOX 2.1X1X1.0	EA	200.00		18.00		
3	11000479	PVC COATED WIR MESH GABION BOX1.5X1.00X1	EA	200.00		18.00		
<b>Total</b>								
<b>Freight - Before Tax</b>								
<b>Total Gst</b>								
<b>Total TCS</b>								
<b>Freight - After Tax</b>								
<b>Total Other Charges</b>								
<b>Grand Total</b>								

**Order value in words:**

<b>Transportation Details :</b>	The above prices are inclusive of packing, forwarding & transportation charges upto our site / store.
<b>Contact Details :</b>	Mr. Mangapathi Rao-99085 12666/87126 93229
<b>Technical Specification :</b>	<p>1. Gabion Box 3 X 1 X 1.5 Made of Mechanically woven double twisted hexagonal shape wire mesh of type 6x8CM.</p> <p>2. Gabion Box 2 X 1 X 1 Made of Mechanically woven double twisted hexagonal shape wire mesh of type 6x8CM.</p> <p>3. Gabion Box 1.5 X 1 X 1 Made of Mechanically woven double twisted hexagonal shape wire mesh of type 6x8CM.</p>

*SLB*

# PURCHASE ORDER

Project Name : Rishikesh-Karnaprayag Tunnel



DILIP BUILDCON LIMITED  
INFRASTRUCTURE & BEYOND

Vendor Details		PO No. : 4000063400 Ver. No.: 0	Dated : 24.07.2023
10008256 - NIAARA WELDFAB INDUSTRIES AC NO 922030057583406		Quotation No : 6000169439 Your Reference :	
<p>Address : 279 GULAO THI MASURI ROAD, PHASE 1 MUSSOORIE GULAWATHI ROAD INDUSTRIAL AREA GHAZIABAD - 201015 Uttar Pradesh, India</p> <p>Contact Person :</p> <p>State &amp; Code : Uttar Pradesh (09)</p> <p>E-Mail ID : SALES.NIAARA@GMAIL.COM</p> <p>GST No : 09AAUFN6655L1Z9</p> <p>PAN No : AAUFN6655L</p>		<p>Delivery Address : Sarswati Narayan Complex NH-58, Gauchar Chamoli - 246429 Uttarakhand, India</p> <p>Contact Person :</p> <p>State &amp; Code : Uttarakhand (05)</p> <p><b>Note: Deliver Goods only to the Address mentioned in dispatch schedule section.</b></p> <p>Billing Address : SARSWATI NARAYAN COMPLEX, NH-58, GOCHAR CHAMOLI - 246429 Uttarakhand, India</p> <p>GST No : 05AACCD6124B1ZC</p> <p>PAN No : AACCD6124B</p>	

We are pleased to place our Order on you for the following material/services subject to terms & condition and instructions as specified.

Sr. No.	Item Description	HSN Code	Qty.	UOM	Unit Rate	CGST %	SGST %	IGST %	UGST %	Amount Excl Tax
1	WELDED WIRE MESH 150X150X8MM	731414	13,000	KG		0.00	0.00	18.00	0.00	
2	WELDED WIRE MESH 150X150X6MM	731414	7,000	KG		0.00	0.00	18.00	0.00	

Total Value Excluding tax

CGST

SGST

IGST

UGST

CESS

TCS

Total Value Including tax

## Order Value

### Specific Terms & Conditions :-

#### Payment Terms

Payment Mode :- 30 DAYS IFC FROM GRN DATE

1. Commercial Terms: Maximum credit of 180 days and the interest for period more than Interest Free Credit will be borne by Dilip Buildcon Ltd" (Against LC)

2. Inco Terms # Delivered at Place (DAP).

3. the quantity shown above is approx. Actual quantity of material received at site subject to weight tolerance of (+/-) 0.5% will

# PURCHASE ORDER

Project Name : Indore Metro Phase-1



DILIP BUILDCON LIMITED  
INFRASTRUCTURE & BEYOND

Vendor Details		PO No. : 4000062908 Ver. No.: 0	Dated : 01.07.2023
10008256 - NIAARA WELDFAB INDUSTRIES AC NO 922030057583406		Quotation No : 6000168188	Your Reference :
Address : 279 GULAO THI MASURI ROAD, PHASE 1 MUSSOORIE GULAWATHI ROAD INDUSTRIAL AREA GHAZIABAD - 201015 Uttar Pradesh, India	Contact Person :	Delivery Address : Super Corridor Road Palakhedi Square, Opposite:- TCS Office, Indore - 453112 Madhya Pradesh, India	
State & Code : Uttar Pradesh (09)		Contact Person : State & Code : Madhya Pradesh (23)	
E-Mail ID : SALES.NIAARA@GMAIL.COM		Note: Deliver Goods only to the Address mentioned in dispatch schedule section.	
GST No : 09AAUFN6655L1Z9		Billing Address : PLOT NO. 5, INSIDE GOVIND NARAYAN SINGH GATE, CHUNNA BHATTI, KOLAR ROAD, BHOPAL - 462016 Madhya Pradesh, India	
PAN No : AAUFN6655L		GST No : 23AACCD6124B1ZE	
		PAN No : AACCD6124B	

We are pleased to place our Order on you for the following material/services subject to terms & condition and instructions as specified.

Sr. No.	Item Description	HSN Code	Qty.	UOM	Unit Rate	CGST %	SGST %	IGST %	UGST %	Amount Excl Tax
1	MS WIRE MESH 4MM 4"X4"	731414	10,000	KG		0.00	0.00	18.00	0.00	
Total Value Excluding tax										
						CGST				0.00
						SGST				0.00
						IGST				0.00
						UGST				0.00
						CESS				0.00
						TCS				0.00
Total Value Including tax										
										0.00

## Specific Terms & Conditions :-

### Payment Terms

Payment Mode :- 30 DAYS IFC FROM GRN DATE

1. Commercial Terms: Maximum credit of 180 days and the interest for period more than Interest Free Credit will be borne by Dilip Buildcon Ltd " (Against LC)

2. Inco Terms # Delivered at Place (DAP).

3. the quantity shown above is approx. Actual quantity of material received at site subject to weight tolerance of (+/-) 0.5% will be considered. If material received within tolerance so that full material quantity as mentioned in invoice received by store. If weight difference found is more than 0.5%, we can recover total short quantity value from supplier bill.

4. Weighing to weighing tolerance will consider (+/-) Up to 0.5% Per truck load.

# PURCHASE ORDER

Project Name : Rishikesh-Karnaprayag Tunnel



DILIP BUILDCON LIMITED  
INFRASTRUCTURE & BEYOND

Vendor Details		PO No. : 4000061440 Ver. No.: 0	Dated : 22.04.2023
10008256 - NIAARA WELDFAB INDUSTRIES AC NO 922030057583406		Quotation No Your Reference	
<p>Address : 279 GULAOHTI MASURI ROAD, PHASE 1 MUSSOORIE GULAWATHI ROAD INDUSTRIAL AREA GHAZIABAD - 201015 Uttar Pradesh, India</p> <p>Contact Person :</p> <p>State &amp; Code : Uttar Pradesh (09)</p> <p>E-Mail ID : SALES.NIAARA@GMAIL.COM</p> <p>GST No : 09AAUFN6655L1Z9</p> <p>PAN No : AAUFN6655L</p>		<p>Delivery Address : Sarswati Narayan Complex NH-58, Gauchar Chamoli - 246429 Uttarakhand, India</p> <p>Contact Person :</p> <p>State &amp; Code : Uttarakhand (05)</p> <p><b>Note: Deliver Goods only to the Address mentioned in dispatch schedule section.</b></p> <p>Billing Address : SARSWATI NARAYAN COMPLEX, NH-58, GOCHAR CHAMOLI - 246429 Uttarakhand, India</p> <p>GST No : 05AACCD6124B1ZC</p> <p>PAN No : AACCD6124B</p>	

We are pleased to place our Order on you for the following material/services subject to terms & condition and instructions as specified.

Sr. No.	Item Description	HSN Code	Qty.	UOM	Unit Rate	CGST %	SGST %	IGST %	UGST %	Amount Excl Tax
1	GI BINDING WIRE 19 SWG 1.1 MM to 1.2 MM With MTC	721710	10,000	KG		0.00	0.00	18.00	0.00	

	Total Value Excluding tax	
	CGST	0.00
	SGST	0.00
	IGST	
	UGST	0.00
	CESS	0.00
	TCS	0.00
	Total Value Including tax	

## Order Value in Words

### Specific Terms & Conditions :-

#### Payment Terms

Payment Mode :- 30 DAYS IFC FROM GRN DATE

1. Commercial Terms: Maximum credit of 180 days and the interest for period more than Interest Free Credit will be borne by Dilip Buildcon Ltd " (Against LC)

2. Inco Terms # Delivered at Place (DAP).

3. the quantity shown above is approx. Actual quantity of material received at site subject to weight tolerance of (+/-) 0.5% will

## PURCHASE ORDER

Project Name : BHANUPALI-BILASPUR RVNL PKG-5



DILIP BUILDCON LIMITED  
INFRASTRUCTURE & BEYOND

Vendor Details		PO No. : 4000061351	Ver. No.: 0	Dated : 19.04.2023
10008256 - NIAARA WELDFAB INDUSTRIES AC NO 922030057583406		Quotation No : 6000164137		Your Reference :
Address : 279 GULAO THI MASURI ROAD, PHASE 1 MUSSOORIE GULAWATHI ROAD INDUSTRIAL AREA GHAZIABAD - 201015 Uttar Pradesh, India		Delivery Address	POST-RAGHUNATHPURA TEHSIL-SADAR (218) BILASPUR - 174005	Himachal Pradesh, India
Contact Person :		Contact Person	:	
State & Code : Uttar Pradesh (09)		State & Code	: Himachal Pradesh (02)	
E-Mail ID : SALES.NIAARA@GMAIL.COM		Note: Deliver Goods only to the Address mentioned in dispatch schedule section.		
GST No : 09AAUFN6655L1Z9		Billing Address	POST RAGHUNATHPURA, SADAR-218, CAMP-2 MANWA,	
PAN No : AAUFN6655L		PROJECT,	BHANUPALI BILASPUR BERI TUNNEL	
			RAGHUNATHPURA	
			Bilaspur - 174005	
			Himachal Pradesh, India	
		GST No	: 02AACCD6124B1ZI	
		PAN No	: AACCD6124B	

We are pleased to place our Order on you for the following material/services subject to terms & condition and instructions as specified.

#### Specific Terms & Conditions :-

### Payment Terms

Payment Mode :- 30 DAYS IFC FROM GRN DATE

1. Freight - FOR at Site
  2. Delivery - As Per Site Requirement
  3. Site Contact Person :- Mr. Bhupendra Srivastav - 6232928650

### **Dispatch Schedule**

Date	Item Description	Qty.	Storage Location/Dispatch Add
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# PURCHASE ORDER

Project Name : Indore Metro Phase-1



DILIP BUILDCON LIMITED  
INFRASTRUCTURE & BEYOND

Vendor Details		PO No. : 4000057844 Ver. No.: 0 Dated : 09.12.2022										
10007603 - NIAARA WELDFAB INDUSTRIES AC NO50200054643372		Quotation No _____ Your Reference _____										
Address	: G-279 MASURI GULAWATHI ROAD INDUSTRIAL AREA PHASE-1 HAPUR HAPUR - 201015 Uttar Pradesh, India	Delivery Address	Super Corridor Road Palakhedi Square, Opposite:- TCS Office, Indore - 453112 Madhya Pradesh, India									
Contact Person	:	Contact Person										
State & Code	: Uttar Pradesh (09)	State & Code	Madhya Pradesh (23)									
E-Mail ID	: sales.niaara@gmail.com	Note: Deliver Goods only to the Address mentioned in dispatch schedule section.										
GST No	: 09AQIPG7243D1ZX	Billing Address	PLOT NO. 5, INSIDE GOVIND NARAYAN SINGH GATE, CHUNNA BHATTI, KOLAR ROAD, BHOPAL - 462016 Madhya Pradesh, India									
PAN No	: AQIPG7243D	GST No	: 23AACCD6124B1ZE									
GST No PAN No												
We are pleased to place our Order on you for the following material/services subject to terms & condition and instructions as specified.												
Sr. No.	Item Description	HSN Code	Qty.	UOM	Unit Rate	CGST %	SGST %	IGST %	UGST %	Amount Excl Tax		
1	GI BINDING WIRE 18 SWG	830210	6,000	KG		0.00	0.00	18.00	0.00			
2	GI BINDING WIRE 18 SWG	830210	4,000	KG		0.00	0.00	18.00	0.00			
With MTC												
Total Value Excluding tax CGST SGST IGST UGST CESS TCS  Total Value Including tax												
<b>Specific Terms &amp; Conditions :-</b> Payment Terms Payment Mode :- 30 DAYS IFC FROM GRN DATE												
1. Commercial Terms: Maximum credit of 180 days and the interest for period more than Interest Free Credit will be borne by Dilip Buildcon Ltd." (Against LC)												

Purchase Order

To,

M/S NIAARA WELDFAB INDUSTRIES  
 G-279, Mussoorie- Guluwati Road Industrial Area  
 Phase-1 Ghaziabad-245101

PO No: TFE/PUR/017  
 PO Date: 30/06/2023  
 GST.NO: 06AAFFT0251M1Z6  
 Your Offer No: Quotation No.  
 NWI/23-24/023 DT 28.06.2023

Dear Sir,

Please arrange to supply the following items in accordance with the terms & conditions mentioned below:

S.No.	Description	HSN Code	Unit	Qty. (App.)	Basic Rate (KGS)	Dis in %	Value (Rs.)
1	MS WELDED MESH Length - 750x2550 , Wire Dia - 6mm Qty- 1400 Pcs	7314	KGS				
Loading Charges Extra @ Rs . 500/- Per Ton							
Total Amount							
Add : GST @ 18%							
Freight Charges							
Grand Total							

Terms & Condition.

1. Prices: FOR
2. Taxes: GST@18% as shown above rates
3. Payment Terms: 100% advance with purchase order
4. Freight Charges: FOR
5. Loading Charges: Loading Charges will be extra @ Rs. 500/- PMT as mentioned above.
6. The total weld penetration after welding of each joint will be between 1.2 mm to 1.40 mm which shall be equally distributed on both the rods. Thus the overall thickness of the welded rods at the point will be between 10.80 mm to 10.60 mm subject to the condition that weld joint shear break force should be Minimum of 8 KN for each individual weld joint.

Note – Tolerance – Mesh Size -  $\pm$  15mm, Wire Dia -  $\pm$  0.1mm , Overall size – 5% , Cutting -  $\pm$ 10mm

For True-Form Engineers

Authorized Signatory

An ISO 9001:2015 Certified Company

Plot No. 44, 45 &amp; 46, Vishwakarma Industrial Complex, Mujesar, Faridabad | 0129-4026401 | info@trueform.in



# PURCHASE ORDER

Project Name : Rishikesh-Karnaprayag Tunnel



DILIP BUILDCON LIMITED  
INFRASTRUCTURE & BEYOND

Vendor Details		PO No. : 4000061440 Ver. No.: 0	Dated : 22.04.2023
10008256 - NIAARA WELDFAB INDUSTRIES AC NO 922030057583406		Quotation No Your Reference	
<p>Address : 279 GULAOHTI MASURI ROAD, PHASE 1 MUSSOORIE GULAWATHI ROAD INDUSTRIAL AREA GHAZIABAD - 201015 Uttar Pradesh, India</p> <p>Contact Person :</p> <p>State &amp; Code : Uttar Pradesh (09)</p> <p>E-Mail ID : SALES.NIAARA@GMAIL.COM</p> <p>GST No : 09AAUFN6655L1Z9</p> <p>PAN No : AAUFN6655L</p>		<p>Delivery Address : Sarswati Narayan Complex NH-58, Gauchar Chamoli - 246429 Uttarakhand, India</p> <p>Contact Person :</p> <p>State &amp; Code : Uttarakhand (05)</p> <p><b>Note: Deliver Goods only to the Address mentioned in dispatch schedule section.</b></p> <p>Billing Address : SARSWATI NARAYAN COMPLEX, NH-58, GOCHAR CHAMOLI - 246429 Uttarakhand, India</p> <p>GST No : 05AACCD6124B1ZC</p> <p>PAN No : AACCD6124B</p>	

We are pleased to place our Order on you for the following material/services subject to terms & condition and instructions as specified.

Sr. No.	Item Description	HSN Code	Qty.	UOM	Unit Rate	CGST %	SGST %	IGST %	UGST %	Amount Excl Tax
1	GI BINDING WIRE 19 SWG 1.1 MM to 1.2 MM With MTC	721710	10,000	KG		0.00	0.00	18.00	0.00	

	Total Value Excluding tax	
	CGST	0.00
	SGST	0.00
	IGST	
	UGST	0.00
	CESS	0.00
	TCS	0.00
	Total Value Including tax	

## Order Value in Words

### Specific Terms & Conditions :-

#### Payment Terms

Payment Mode :- 30 DAYS IFC FROM GRN DATE

1. Commercial Terms: Maximum credit of 180 days and the interest for period more than Interest Free Credit will be borne by Dilip Buildcon Ltd " (Against LC)

2. Inco Terms # Delivered at Place (DAP).

3. the quantity shown above is approx. Actual quantity of material received at site subject to weight tolerance of (+/-) 0.5% will

# PURCHASE ORDER

Project Name : Rishikesh-Karnaprayag Tunnel



DILIP BUILDCON LIMITED  
INFRASTRUCTURE & BEYOND

Vendor Details		PO No. : 4000061472 Ver. No.: 0	Dated : 25.04.2023
10008256 - NIAARA WELDFAB INDUSTRIES AC NO 922030057583406		Quotation No	
Address : 279 GULAO THI MASURI ROAD, PHASE 1 MUSSOORIE GULAWATHI ROAD INDUSTRIAL AREA GHAZIABAD - 201015 Uttar Pradesh, India	Contact Person :	Delivery Address : Sarswati Narayan Complex NH-58, Gauchar Chamoli - 246429 Uttarakhand, India	
State & Code : Uttar Pradesh (09)		Contact Person :	
E-Mail ID : SALES.NIAARA@GMAIL.COM		State & Code : Uttarakhand (05)	
GST No : 09AAUFN6655L1Z9		Note: Deliver Goods only to the Address mentioned in dispatch schedule section.	
PAN No : AAUFN6655L		Billing Address : SARSWATI NARAYAN COMPLEX, NH-58, GOCHAR CHAMOLI - 246429 Uttarakhand, India	
		GST No : 05AACCD6124B1ZC	
		PAN No : AACCD6124B	

We are pleased to place our Order on you for the following material/services subject to terms & condition and instructions as specified.

Sr. No.	Item Description	HSN Code	Qty.	UOM	Unit Rate	CGST %	SGST %	IGST %	UGST %	Amount Excl Tax
1	WELDED WIRE MESH 150X150X8MM	731414	68,000	KG		0.00	0.00	18.00	0.00	
Total Value Excluding tax										
CGST 0.00										
SGST 0.00										
IGST 0.00										
UGST 0.00										
CESS 0.00										
TCS 0.00										
Total Value Including tax										

Order Value in Words :

Specific Terms & Conditions :-

Payment Terms

Payment Mode :- 30 DAYS IFC FROM GRN DATE

1. Commercial Terms: Maximum credit of 180 days and the interest for period more than Interest Free Credit will be borne by Dilip Buildcon Ltd " (Against LC)

2. Inco Terms # Delivered at Place (DAP).

3. the quantity shown above is approx. Actual quantity of material received at site subject to weight tolerance of (+/-) 0.5% will be considered. If material received within tolerance so that full material quantity as mentioned in invoice received by store. If weight difference found is more than 0.5%, we can recover total short quantity value from supplier bill.

4. Weighing to weighing tolerance will consider (+/-) Up to 0.5% Per truck load.

# PURCHASE ORDER

GAJA ENGINEERING PRIVATE LIMITED  
 Corp. Office: Modish Profound Tech Park, 203/P, 204/P, 2nd Floor, Survey-12/White Field Road,  
 Kondapur, Hyderabad - 500084 Telangana, India  
 Phone: 04040391111 Fax: 040-40391112  
 Email: [order@gaja.co.in](mailto:order@gaja.co.in)

GSTIN 05MAEC0023AC123

PO DETAILS												TERMS & CONDITIONS							
PO No	PORD01000022		PO Date	18/04/2022			Payment	100% ADVANCE			Mode of transport								
PO Amendment No	0		Amendment Date				Currency	INR			Partial Shipment			YES					
PO Status	FRESH		PO Type	GENERAL			Pay Mode	Check											
SUPPLIER DETAILS												DELIVERY ADDRESS							
Contact Person	ADITYA GUPTA		Contact Address				SEKHYARA-BARKOT Tunnel Project												
Supplier Code	18N0081		G.379				NHDCL-NAVAYUGA ENGINEERING CO.LTD												
Supplier Name	MAANA MELDAB INDUSTRIES		MUSAOGRIE GULAWATHI ROAD INDUSTRIAL AREA, PHASE 1 Hapur,201105				H.No : 2734 C/o Puma Singh Rawat												
Tel no			Uttar Pradesh, India				Near Ramkela Ground,BARKOT												
Fax							Uttarakhand												
Email	sales.niama@gmail.com		CSTIN	08AQIPG7243D12X			India												
Mobile	9871725266						249141												
ITEM DETAILS																			
Sl No	Item Code & Description	HSN / SAC	Need Date	Quantity	Warehouse	Unit Rate	UDM	Value	Charges	Discount	CGST Rate	CGST Amt	SGST Rate	SGST Amt	IGST Rate	IGST Amt	CESS Rate	CESS Amt	Total
1	80050000 Gabion Box Mesh Size :- 100 X 120mm/Mesh Wire :- 3.00 mm, Edge/Selvage Wire :- 3.00mm, Lacing wire :- 2.20 mm	70144190	20/04/2022	250.00	R0001		NOS		0.00	0.00	0.00	0.00	0.00	0.00	13.00	0	0.00	0.00	
TOTAL																			

BASIC VALUE + LINE LEVEL TDS + STATUTORY VALUE SUMMARY

GRAND TOTAL

For GAJA ENGINEERING  
PRIVATE LIMITED



(Authorized Signatory)

Amount in Words :

Line Level Notes:

SC050200 - 1 MAKENIWARA

Document Level Notes

Terms & Conditions:

1. Scope: Supply of Gabion Box Mesh Size :- 100 X 120mm, Mesh Wire :- 3.00 mm, Edge/Selvage Wire :- 3.00mm, Lacing wire :- 2.20 mm  
 Size :- 2.00 X 2.00 X 1.50 (Depth/Prm: 01 Nos) Area : 23 Sqmetres per specifications mentioned above.

2. Specifications and Standards: Above said items shall be supplied strictly in line with the specifications and standards mentioned below and also agreed by you.



# NIAARA INDUSTRY

ALL KINDS OF WELDED WIRE MESH, ANTI CLIMB FENCE, CHAIN LINK FENCING, RAZOR WIRE, BINDING WIRE, BARBED WIRE, AND MORE....

Head Office : W.E.A, Ajmal Khan Road, Karol Bagh, New Delhi-110005  
Factory : G-279, Phase-I, UPSIDC Indl. Area, Masuri Gulawathi Road, Hapur-201015  
mob: +91-7065779955 | Email: [sales.niaara@gmail.com](mailto:sales.niaara@gmail.com) | Web.: [www.niaarafence.com](http://www.niaarafence.com)