



MR BUILDING SYSTEM

Pre Engineering Steel Structure

Factory: G- 50, Phase-I, Industrial Area, M.G Road, Ghaziabad-201015 (U.P) India.

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REF: MR/QTN/2023-2024/ 230468

DATE: 01/12/2023

M/s Natural Gas India Pvt Ltd

36, Model Town West
Ghaziabad
Uttar Pradesh

Subject : Proposal for Prefabricated Structure for your GHAZIABAD (U.P) Project.

Dear Sir,

We thank you for the enquiry and are pleased to submit our proposal for the Design, Manufacture, Supply, Erection and installation of **Prefabricated Structure** at above referred job site.

MR BUILDING 's proposal is in accordance with the building's layout, overall dimensions and design Loads given in your enquiry. Our scope of work covers the design, fabrication, Erection and supply of Materials in accordance with the enclosed standards and specifications of **MR BUILDING**, unless other-wise stated.

This proposal is indexed for easy reference and includes scope of supply, building description and design loads/criteria, standard product specifications and standard conditions of sale.

We assure you of our best attention and look forward to your favourable response at the earliest.

**Sincerely yours,
Thanks & Regards
PARVEZ CHOUDHARY
SR. MANAGER – MARKETING
Cont.: +91-8700417848**

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Building design Applicable Codes

Loads are applied in accordance with :

The 2006 Edition of Low Rise Building System Manual
Metal Building Manufacturers Association (MBMA)

Hot rolled and Built up sections are designed in accordance with:

Manual of Steel Construction, 9th Edition
American Institute of Steel Construction (AISC)

Cold-formed members are designed in accordance with:

1996 Edition of Cold formed Steel Design Manual
American Iron and Steel Institute (AISI)

Welding is applied in accordance with:

American Welding Society (AWS D1.1.98)
Structural Welding Code – Steel

Structural Steel Specification:

a) Primary Steel

All primary steel members shall be solid web build up section in manufactured out of TATA/JSW/ SAIL Plates. All portals shall be supplied in fully finished and ready to use condition for field assembly.

b) Cold formed section

These shall be Z/C shaped cold formed section out of 245 Mpa (TATA/Jindal) steel stripes conforming to ASTM 570.

c) Support Bracing

Rod bracing, flange bracing, misc. steel components such as clips etc. shall be out of 245/250 Mpa steel conforming to IS : 2062.

d) Structural Hardware

All primary steel connections shall be established using high tensile Gr. 8.8 fasteners. steel Secondary connections bolt shall be done by Galvanised Gr. 4.6 fasteners.

Design Loads:

1	Roof Live Load	0.57kN/m ²
2	Dead Load	0.15 kN/m ²
3.	Mezzanine live load	N/A
4	Mezzanine Dead load	N/A
5	Wind Speed	47 m/s
6	Seismic zone	IV
7	Deflection in Rafter (Vertical)	Span/180
8	Deflection to Column (Horizontal)	Height/100
9	Deflection to Purlin (Vertical)	Span/120

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BASIC BUILDING DESCRIPTION:-

Building Parameters :		
1	Type of Frame	Double Slope Building
2	Building Length	50 MTR
3	Building Width	20 MTR
4	Building Area	1000 SQM
5	Height	7 MTR. Clear height
6	Roof Slope	1:15
7	Bay Spacing (Side wall)	7@ 7.15mtr,
8	Bay spacing (End wall)	3 @ 6.66 mtr
10	Mezzanine Scope	N/A
11	Partitions	N/A
12	Crane Loads	N/A
13	Canopies	N/A
14	Windows	N/A
15	Shutter Space	As per drawings
Open Wall Conditions		
1	Left Side Wall	10 ft. existing building above sheeting by us
2	Right Side Wall	10 ft. existing building above sheeting by us
3	Front End Wall	10 ft. existing building above sheeting by us
4	Back End Wall	10 ft. existing building above sheeting by us

Roof ,Wall Sheeting		
1	Roof Panel	0.50 mm Bare galvalume TCT High-rib sheet Make (jsw)
2	Wall Cladding	0.50 mm color coated galvalume TCT High-rib sheet Make (JSW)
3	Bubble insulation Sheet	N/A
4	Eave Gutter / Flashing/pipe	Matching to roof and cladding

Sr. no	Roof Accessories	Description	Quantity
1	Skylight-Polycarbonate	1M X 3.1 M (2mm)	0% in roof
2	Turbo fan	600 mm	N/A

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Steel Work Finish :

Sl No	Description	Finish
1	Frames, Built-Up / HR Sections	One Coat Red oxide Enamel paint
2	Purlins & Girts	Purlins and Girts (Galvanised)
3	Anchor bolts	Black unpainted

List of Inclusions

- 1) Main frame rafters & columns
- 2) Purlins & Girts - Galvanised
- 3) Steel Connectors
- 4)** Structural hardware including Anchor bolts & templates. (Templates are **MR BUILDING SYSTEM** property and to be returned back after use)
- 5) Fixing fasteners.

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Construction Price**A. Cost of construction of Prefabricated Structure shall be as STATED BELOW:**

PRICE BREAK UP	Qty.	SUPPLY PRICE	Installation Price	Total : INR
A. PEB SHED COST				
Cost of PEB Steel Building And supply with all necessary accessories	29000 kg	90/-	5/-	27,55,000.00
Cost of Sheet And supply with all necessary accessories	1535 SQM	480/-	60/-	8,28,900.00
GUTTER AND FLASHING	695 RFT	200 /-		1,39,000.00
DRAIN PIPE	260 RFT	100/-		26,000.00
15X15 GATE	225 SQF	200/-		45,000.00
Supply and installation cost of Roof turbo ventilators with base skylight sheet.		5000/-		
Transportation to site	2 truck	EXTRA		
Total Basic Cost Of A.PEB SHED	37,93,900.00			
Civil Foundation Cost As per PEB design.	20 nos	45000/-		9,00,000.00
Ground floor aggregate compacting and Ground floor Trimix 100mm thick with hardness as per design requirement.	10760 SQF	150/-		16,14,000.00
230mm brick wall and Column beam with both side plaster Cost	4450 SQF	250/-		11,12,500.00
300x230mm Plinth beam Cost	460 RFT	450/-		2,07,000.00
330 mm under brick	SQF			EXTRA
Total Basic Cost Of B. CIVIL WORK COST.	38,33,500.00			
TOTAL BASIC COST A+B	76,27,400.00			
GST 18%	EXTRA			
Total project cost				

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List of Exclusion:-

1. Any product or service that is not clearly specified in this proposal is excluded from **MR BUILDING SYSTEM** PEB scope of work
2. Interior partitions, doors and fixtures
3. Fixtures like wall vents, fans
5. Any third party testing charges
6. Civil Foundations, Mechanical and Electrical design and materials
7. Concrete embed plates of weld plate of any kind

SPECIAL NOTES:

1. It is assumed that two separate orders will be issued, one for supply and one for erection Warehousing charges applicable-"if material is not picked in 7 days from the date of inspection call and or material finishing date @5/- per sq.ft per day.
2. Introduction of any other new tax/duties at the time of dispatch of pre-fabricated building, the same would have to be paid by client at actual prior to shipment.
3. Any non-standard colour/make (yield, strength) will be delivered as per actual time committed by the manufacture.

TERMS & CONDITIONS:

Delivery :On the receipt of buyers supply order supply shall be affected as per the following schedule:

- **G.A. Drawing submission** in about two weeks from the date of receipt of technical & commercial clear supply order, advance and required drawing if any, whichever is later.
- **G.A. Drawing approval** one week from submission.
- **Products Supply** to be discussed at the time of finalization of order depending on your project schedule.

The above delivery schedule is indicative & can be discussed further and may be revised as mutually agreed upon.

Validity :The validity of the proposal is **90 Days** from the date of submission of proposal.

Cancellation :If due to any reason this agreement / order is cancelled then the client has to pay all the expenses (design/other expenses) related to the agreement/order which should be not less than 5% of the total order value.

Escalation : Our offer is based on present day rate of raw materials. Any of these items affecting our prices shall be to your accounts.

PAYMENT TERMS:

Supply

1. 60% advance on order along with P.O.
2. 30% of the Order value against Performa Invoice on Drawing Submission.
3. 10% Payment against Structure materials before dispatch.

Erection (5% of total project cost)

1. 20% advance on order along with P.O.
2. 50% Structure Installation complete.
3. 30% of the order value against Performa Invoice after Complete works.

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VARIATION

Any changes and /or revision in the scope of Supply as stated in the Offer may lead to variation in price and the delivery period. In case there is revision in scope, design or anything else after the approval of AB Plan, GA Drawing & Design Report, the reengineering charges shall have to be paid by BUYER along with any additional financial cost arising out of such changes or revisions.

INSPECTION OF PRODUCTS

BUYER agrees to inspect upon arrival of all Products shipped. Claims for shortage or defective material, if not packaged, must be made in writing to SELLER'S sales office within a period of 5(five) days after the receipt of the shipment, and if packaged, must be made at such office within a period of 30 (thirty) days after receipt of shipment. SELLER shall have a reasonable time to investigate all claims made by BUYER. Any claims for shortages or defects made after the above periods shall be liable to be refused by SELLER.

METAL TEMPLATES

Metal Templates (Temporary Plates) are required to cast the Anchor Bolts at site. These are to be sent to site on Returnable Gate Pass (RGP). So, this is the **MR BUILDING SYSTEM** property and customer has no right to hold the materials.

SAFETY MATERIALS

Since this is a lump sum pre-engineered building project, which consists of several parts, and as per design of the project & site situation, we have to consider some safety buffer in terms of materials of about 1%-5% of total project tonnage/weight to be considering along with the materials. So, after successful completion of the project, these safety materials lying at site has to be brought back to the plant, as this is the **MR BUILDING** property and customer has no right to hold the materials.

SHIPMENT

Under any circumstances if buyer fails to make payment on call or unable to take the delivery of the goods after duly intimated to him in Part/Full within 15 days then the purchase order will be subject to a price increase in accordance with new current prices posted at the end of the above noted time period unless a longer delivery period is mutually agreed by **MR BUILDING**, and BUYER. Unloading at job site is the responsibility of the BUYER /BUILDER.

STACKING OF PRODUCED MATERIAL

If the BUYER wishes to hold the material at our works then the warehousing charges would be applicable @18% per month of the contract value. However in case the payment is not received in 45 days the **MR BUILDING SYSTEM.**, has right to forfeit all advance and BUYER will have no right to claim the same under any law.

VEHICLE HOLDUPS

Vehicle holds in Transit or at Sight due to any reason the payment for all the demurrage to be borne by BUYER.

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PERMITS

MR BUILDING., shall not be responsible or liable for the obtaining of permits to erect or install any product. BUYER has to provide a safe, secure and guarded place for working along

with safety of man and material at site, in case any Liaoning(cost or management) required at the site from any local, political or government authorities (Apart from EPF and Labour license) would be in his scope.

FORCE MAJEURE

SELLER shall not be liable for any loss or damage that may be caused to BUYER for delay in delivery of Products or delay in erection at BUYER's site due to circumstances beyond Seller's control, such as, but not limited to, war, riots, civil commotion, revolution, regulations, orders or acts of government or any government authority or any act of God including floods, fires or delays due to transporter's strike or any other circumstance or event beyond SELLER's control.

Assumptions (If MR BUILDING SYSTEM install)

- Free Electricity water at the site of work shall be provided by you.
- Free & safe storage space for material shall be provided by you.
- Any wastage in the material due to change in design after the material is fabricated shall Be to your account.

Governing Law

This Agreement shall be construed and enforced in accordance with and under the laws of the Government of India. Both parties agree that in case of any difference or dispute Arising between the **MR BUILDING SYSTEM** and the BUYER will be resolved by mutual discussions and agreement. However, unresolved issues, if any, will be settled by arbitration as per the

India Arbitration and Conciliation Act, and the venue of the arbitration will be Delhi/NCR. We are very keen to work with you and we have offered a very special price and look Eagerly for an opportunity to work with you. We assure you of our best service and high quality, maintenance free building.

Thank you

Yours faithfully

For MR BUILDING SYSTEM.

PARVEZ CHOUDHARY
SR. MANAGER – MARKETING
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