



Metalite Industries
An Engineering Excellence

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105-106, Phase II, Metal Park, Rawabhata, Raipur (C.G.)



PROPOSAL NO : MI/TCO/22-23/024

To,
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Offer Date:- 30-11-2023
Offer No.:- MI/TCO/22-23/024

Proposal for Supply, Fabrication & Erection of Steel structural members, Z-sections, C-sections, Profiled sheeting & miscellaneous items for your PEB Shed

Prepared & Submitted By

Venketeshwar Agrawal
Metalite Industries
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BRIEF INTRO

About us, we at **METALITE INDUSTRIES** are an ISO 9001-2015 certified multi-faceted engineering company based in Central India. Incepted in the year 2020, we are engaged in various engineering activities from design to manufacturing to services in India. Our area of expertise is in complete design, manufacture, installation & commissioning of Structural Heavy Fabrication & Pre-Engineered Building.

We have a state of art manufacturing facility for complete design to manufacturing, testing & dispatch services to cut down dependency on sub-contractors, thus ensuring timely supplies at competitive rates.

We hope you'll find our offer in line with your requirement & place your valued PO on us giving us an opportunity to serve you.

However, please feel free to contact us for any sort of additional information that you may feel is required pertaining to this offer. We assure you our best support at all times!

For Metalite Industries, India

Venketeshwar Agrawal
Metalite Industries
Contact: +91 7052899999

COMMERCIAL PRICE PART					
S. N.	Description	Building Size	Quantity	Basic Amount	Remarks
1	Necessary Safety Devices And Equipment. Of Drawing From Cce.	5456	Yourn Plac	100.00	Your Enquiry Plac
? Above mentioned rates are quoted on the basis of inputs received and designed accordingly. ? The above quoted rates are including transportation and excluding GST @ 18%. ? Weight may vary as per actual site conditions and requirement and ± 5 on final design.					

Account Details & GST Number

Account Holder	: Metalite Industries
Bank Name	: asd
Account No.	: 123456678
IFSC Code	: SBI00431
GSTIN	: GSTN NO

COMMERCIAL TERMS & CONDITIONS

S. N.	Item	Commercial Terms & Conditions
1	PAYMENT TERMS	Supply & Erection ?1. 60% Advance Along With P.o/ Signed Contract. ?2. 30% Before Of Dispatch Of Material After Inspection At Our Factory Or With Pi. ?3. 5% On Structure On Progress ?4. 5% On Successfully Handing Over Of The Building.
2	DELIVERY PERIOD	Delivery Within 45 Days From The Date Of Receipt Of Signed Approved Drawings And Receipt Of Payment As Per Agreed Terms Whichever Is Later.
3	ERECTION PERIOD	Erection Period Within 25 Days From Date Of Casting Of Anchor Bolt Release.
4	GST	Extra @ 18% On Both Supplies & Erection.
5	SCOPE OF CONTRACT	This Contract Is The Only Agreement Between The Mepl (hereinafter Referred To As Seller) & Buyer (who Has Signed His Acceptance On This Contract) And The Terms Which Have Been Expressly Stated In This Agreement Will Be Binding Including Any Amendments Mutually Agreed Upon In Writing.
6	PROPOSAL VALIDITY	This Proposal Is Valid For (3) Days From The Date Of This Proposal. Any Extension Of Validity Must Be Received In Writing From The Seller
7	ERECTION DRW.	€?mi” The Seller Will Furnish The Buyer With All Standard Erection Drawings Required For The Erection Of The Buildings.

S. N.	Item	Commercial Terms & Conditions
8	SPECIFICATION CHANGES	Seller Reserve The Right To Modify The Design Of His Standard Buildings And To Substitute Material Equal To Or Superior To That Originally Specified (in Order To Permit Incorporation Of Changes And Improvements, In The Continued Development Of The Seller's Product).
9	CHANGE IN SCOPE	Any Change And/or Revision To The Above Stated Scope Of Supply May Lead To A Variation In The Price And The Delivery Period.
10	OUR LIABILITY	Any Change And/or Revision To The Above Stated Scope Of Supply May Lead To A Variation In The Price And The Delivery Period.
11	OWNERSHIP OF UNAPPROVED MATERIAL AT SITE	All Material Supplied To Site By Mi, Which Are Unapproved And In Excess Of Building Requirements Shall Be The Property Of Mi And Mi Reserves The Right To Ship The Same Back To Its Place.
12	WARRANTY	Products Supplied By Mi Are Warranted Against Any Failure Due To Defective Material & Workmanship For A Period Of One Year.

SCOPE OF SUPPLY

BRIEF DETAILS

1	BUILDING NO.	1
2	BUILDING DESCRIPTION	Peb Building
3	BUILDING AREA (SQM)	300
4	QUANTITY	01set

BASIC BUILDING DESCRIPTION

S. N.	DESCRIPTION	PEB SHED
1	Frame Type	Rf/mf
2	Width (M)	15
3	Length (M)	20
4	Clear Height (M)	8
5	Brick wall Height (M)	3
6	Interior column spacing (m)	As Per Your Ga Drawing
7	Roof slope	8
8	Bay spacing (m)	As Per Layout
9	End wall column Spacing (m)	As Per Layout

S. N.	DESCRIPTION	PEB SHED
10	Type of end frames	Expandable Frames In Length
11	Wind bracing	Rod Bracing For Roof And Walls
12	Roof cladding	Roof Shall Be Covered Colour Coated Profiled Sheet
13	Wall cladding	Cladding Shall Be Covered Colour Profile Sheed.
14	Openings at North wall	As Per Your Ga Drawing
15	Openings at South wall	As Per Your Ga Drawing
16	Openings at East wall	As Per Your Ga Drawing
17	Openings at West wall	As Per Your Ga Drawing
18	Curved eaves	Na
19	Gutters	As Per Approved Standard Design
20	Eave trim	As Per Approved Standard Design
21	Downspouts	As Per Approved Standard Design

STANDARD BUILDING ADDITIONS [CANOPY / FASCIA / LINER / PARTITIONS]

S. N.	DESCRIPTION	PEB Shed
1	Canopy– location / description	As Per Your Ga Drawing

STEEL WORK FINISH

S. N.	DESCRIPTION	PEB Shed
1	WELDING	Continuous Saw Welding Or Fcaw Welding, Aws D1.1 Or Asme Secix
2	Frames, Built-Up / HR sections/Bracings	Mechanical Cleaning With One Coat Of Red Oxide Primer And One Coat Of Synthetic Enamel Finish Paint
3	Purlins / Girts	Galvanized 120 Gsm
4	Profile Sheets	Tbsl/jsw/bushan/uttam/amns Az70

DESIGN LOADS

S. N.	DESCRIPTION	PEB Shed
1	Dead load	0.15 Kn/m2
2	live load	0.57 Kn/m2
3	Collateral Load	-

S. N.	DESCRIPTION	PEB Shed
4	Wind load (Kmph or m/sec)	44 M/sec
5	Seismic load (zone no.)	Zone II

APPLICABLE CODES

MEPL Steel Buildings are designed applying & complying to the following codes:

1. Frame members are designed in accordance with AISC-LRFD (American Institute of Steel Construction)
2. Cold Formed members are designed in accordance with the AISI For Use Of Cold-Formed Light Gauge Steel Structural Member's In General Building Construction “
3. Deflection as per MBMA
4. All welding is done in accordance with the 2000 Edition of the American Welding Society (AWS D1.1)
5. Structural Welding Code-Steel. All Welders are qualified for the type of welds performed.
6. Manufacturing dimensional tolerances are in accordance with the requirements of the 1996 Edition of the Metal Building Manufacturer Association (MBMA)of the USA.;" Low rise building systems Manual”.

EXCLUSIONS

1. Supply of Insert plates/Shim plates/Embedded plates/Hilti in Concrete
2. Any Doors, Stainless steel works & Glazing works & supporting sub frame systems for Glazing, Civil work

PRODUCT STANDARD CODES

S. N.	STRUCTURAL COMPONENTS	-	CODES
1	Built up sections (SAIL, JINDAL,JSW,BUSHANTATA)	-	IS 2062 :2011, E350 A
2	Hot Rolled Sections (RINL, SANVIJAY, SAIL)	Channels Angles Pipes	IS: 2062 / a 572, Grade 36, Min. Y.S. 250 MPA IS: 2062 / a 572, Grade 36, Min. Y.S. 250 MPA IS: 1161, IS: 1239 / A 572, Grade 36, Min. Y.S. 250 MPA
3	‘Z & C’ Section Purlins/Girts made out of high strength Galvanized	Cold form	ASTM 653, Min. Y.S. 345 MPA 120 GSM

S. N.	STRUCTURAL COMPONENTS	-	CODES
4	Bare Galvalume Sheets – 0.47 mm thk (JSW, BUSHAN, UTTAM)	Roof	ASTM A 792 M, Minimum Y.S. 550 MPA, AZ70
5	Colour coated Galvalume Sheets -0.5 mm thk (JSW, BUSHAN, UTTAM , AM-NS)	Cladding	ASTM A 792 M, Minimum Y.S. 550 MPA, AZ 70
6	Anchor bolts	-	IS 2062 E250A.
7	Primary Connection bolts Electroplated/ Pre galvanised	-	High Strength Bolts, IS: 1367 / 8.8 Grade or ASTM A325
8	Secondary connection bolts Pre galvanised	-	Bolt as per ASTM A 325, Grade 4.6

Painting process for Primary & Secondary members to be followed as mentioned below:-

? Primer and Finish Paint : 1 coats of red oxide paint of 25-30 micron over one coat of Synthetic enamel finish of 25- 30 microns of approved make Berger / Shalimar/ Asian or dtm paints

? Connection bolts-Auto black/ electroplated /Pre-galvanised.

? Surface Preparation – Mechanical Cleaning

DRAWING & DELIVERY

1. Preliminary column reactions & Centre line/Anchor bolt diagram for the design of Foundations will be submitted within one week from the date of signing contract/ Purchase Order and receipt of advance payment.
2. MI will issue Approval Drawings within 1 week from date of signing contract/issue of Purchase Order and receipt of advance payment.
3. BUYER must return the accepted approval drawings preferably within 1 week thereafter; otherwise, may result in revision to delivery commitment.
4. Anchor bolts & Layout drawings for fixing anchor bolts will be provided within 10 days from the date of receipt of Signed approval drawings.
5. Dispatch of materials will start within 15days from the date of receipt of signed Approval drawings with receipt of payment as per agreed terms whichever is later.

ERECTION – ASSUMPTION & SCOPES

Assumptions made for Erection

1. Anchor Bolt Supply & Periodic Supervision is in our Scope. Casting of Anchor bolt is in Civil Contractor's Scope.
2. Level compacted ground shall be provided before start of Erection.
3. Minimum 15 days curing time is to be given after Anchor Bolt Casting is done.
4. Free Power and water are to be provided close to site.
5. Levelling plates and or shims, Construction temporary bracing while installation is in our scope and the installation pricing accordingly is inclusive of this cost.
6. We assumed that, crane can move inside the proposed building while erecting the main frames.

Scope of Work for Contractor

1. Erection of material as per MI specifications
2. Alignment of columns and rafters
3. Plumbing and checking water level of columns & Portal frame.
4. Cleaning and Touch up paint work for the structure on damaged surfaces during transportation and site movement.
5. Alignment of Purlins and Girts
6. Fixing of roof sheeting ,wall sheeting and accessories

Scope of Client

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