

Regd. No.  
AM/86 188-2/5, CE/1072/5  
NMC/49/200, C/A 2011/51112

STRUCTURAL CONSULTANT,  
CHARTERED ENGINEER &  
APPROVED VALUERS  
REGD. ARCHITECT



Ref. No.

Date :

DATE - 01/10/2022

**ESTIMATE**

To,

M/s. Indigenous Agrovet Producer Company Ltd.

Ambasan.

Respected Sir,

We have estimated value of proposed Structure at Gut No.-531, Ambasan Annexe, Tal-Satana, Dist- Nashik, For Civil Construction works is Rs. 1,12,59,004/- ( In words- Rupees One Crore Twelve Lakhs Fifty Nine Thousand and Four Only) with Toilets.

Kindly, consider the same.

Thanking you!

Note- Rates given are inclusive of any taxes, Duties etc.

For-Shardul-Singh Design,

Authorized Signatory



Shop. No. 6, Pushpak Appt., Opp. Gopal Park, Old Pandit Colony, Nashik - 422 002.

Tel. 2315146 Mob. 94-227-47144, 94-222-55752

E-mail : rksinghnashik@gmail.com, vshardul@yahoo.com

DETAILED ESTIMATE For, M/s. Indigonous Agrovet Producer Company Ltd., Ambasan (Nashik)

ABSTRACT					
S.No.	Description	Quantity	Unit	Rate	Amount
1	Excavation for foundation in soft and soft murum upto a depth of 1.50m including stacking or spreading excavated material upto land of 30m from site as directed by site Incharge/Architect this includes refilling the trenches as per direction	00.06	Cum	320	27216
1a	Excavation for foundation in hard murum upto a depth of 1.5m as per item No.1	0.46	Cum	800	7560
2	Providing dry trap rubble stone soling 15cm to 23cm thick including filling the gaps with small chips, hand packing and compacting etc. complete.	16.75	Cum	1380	21735
3	Providing and laying in situ cement concrete M20 of trap metal on plinth level of 15cm thick including centering, mixing, placing, compacting and curing etc. complete.	9.45	Cum	7140	67473
4	Providing and laying in situ cement concrete M-25 of trap metal for RCC work in foundation & footing of RCC columns, including belling our water manually from work composition curing and roughening the surface if special finish is to be done etc. complete.	29.08	Cum	9520	276842
5	Providing and casting in situ cement concrete M-25 trap metal for RCC columns as per detailed drawing and designs as directed including centering, formwork, compacting, finishing the formed surface with cm1.3 of sufficient minium thickness to give a smooth and even surface or roughning is special finish is to be provided and curing. (excluding reinforcement)	1.10124	Cum.	9520	10484
6	As per Item No5 above but for plinth beam.	45.103	Cum.	9520	429381
7	Providing & application of Anti-termite treatment to floor area	1254.18	Sqm.	80	100334
8	Providing first class burnt brick masonry (230mm thick) in cm 1.6 upto plinth including striking and racking our joints watering curing etc. complete.	147.12	CUM.	12910	1899319
9	Filling in plinth with contractor murum in 15cm to 25cm layers including watering and compaction etc. completed	564	Cum.	935	527340
9a)	As per No.9 above but murum filling from site of work.	70.25	Cum.	290	20373
10	Providing dry trap rubble stone soling 15cm to 23cm thick including filling the gaps with small chips, hand packing and compacting etc. complete.	313.545	Cum.	1150	360577



*for [Signature]*

S.No.	Description	Quantity	Unit	Rate	Amount
11	Providing, Laying, mixing, placing, consolidating "TREMIX" or approved equivalent vacuum compressed de-watered reinforced cement concrete for floors including necessary form work but excluding cost of reinforcement all complete as per drawings and as directed (including Groove cutting & sealing with necessary epoxy material)	122.49965	Cum.	8211	1005845
12	Providing and fixing in position mild steel/tyrod bar reinforcement of various diameters for RCC footing foundation, slab, beams, chajja, lintel, parapet, coping, canopy, fins etc. as per detailed design and drawings and as per schedule including cutting, bending, hooking the bars binding with wire or tack welding and supporting as required.	27	M.T.	78000	2106000
13	Providing and laying in situ cement concrete M-25 of trap metal for RCC work in Ramps to door openings, including bellonging water manually from work composition curing and roughening the surface if special finish is to be done etc. complete.	29.08	Cum	10080	293126
13a	Extra for providing & applying "NITOFLOOR HARDTOP"/ "MC DREITOP FH" or approved equivalent non-metallic floor hardener topping to the required coverage as per manufacturers specification over 'TREMIX' dewatered concrete flooring including finishing all complete as specified & as directed for: (Grey colour 4 kg / sqm)	1254.18	Sqm.	128	160535
14	Providing and casting in situ cement concrete M-25 of trap metal for R.C.C. column as per detailed including centering, formwork, mixing, placing compacting finishing the foamed surface with cm1:3 of sufficient minimum thickness to given smooth and even surface or roughening if special finish is to be provided, curing etc. complete.	10.40	Cum	10080	104782
15	Providing second class burnt brick masonry (230mm thick) in cm 1:6 for superstructure including scaffolding, striking joints racking out joints watering curing etc. complete.	76.8729	CUM.	12910	992429
16	Providing sandfaced plaster Externally in cement mortar 1:4 using kharsalla/kasaba or similar type & sand in all positions including base coat of 15mm thick in cm 1:4 using water proofing compound at 1kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sandfaced treatment 6 to 8mm thick in cm 1:4 finishing the surface by taking out grains and curing for fourteen days providing chicken mesh at the junction of RCC work and BBM scaffolding etc. complete.	823.433	Sqm	385	317022

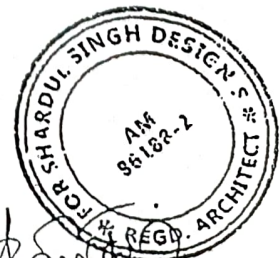


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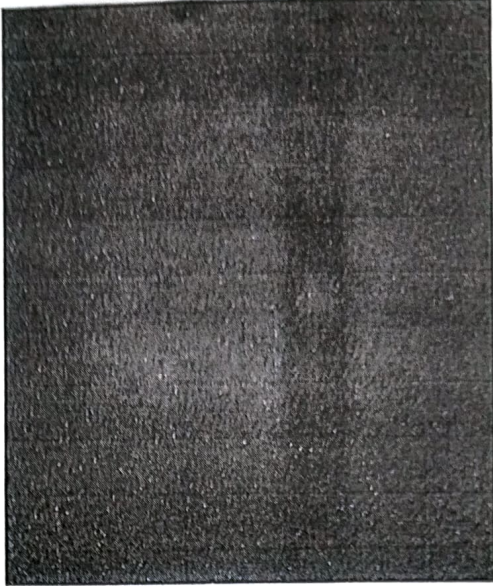




S.No.	Description	Quantity	Unit	Rate	Amount
29	Providing and Laying underground cable from pole to plot with M.S.E.B. meter connection charges etc. complete	1	Unit	20000	20000
30	Providing and fixing Electrification work with all necessary fixtures & fittings etc. complete. (Branded quality material use)	1	Unit	133527	133527
			Total		<b>9541528.86</b>
			GST. 18%		<b>1717475.20</b>
			TOTAL INCL. GST.		<b>11259004</b>
	<b>Total amount In words=</b>	<b>(Rupees One Crore Twelve Lakhs Fifty Nine Thousand and Four Only)</b>			



for. *[Signature]*  
SHARDUL-SINGH DESIGN



# Metal Building Systems Solution

M/s. Indigenous Agrovet  
Producer Company Ltd.

Ambasan, Nashik

Dhumal Metals Pvt. Ltd.

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**DHUMAL**  
Dhumal Metals

Oct 09, 2022

Quotation No.: DMP786532\_R2

M/s. Indigenous Agrovot Producer Company Ltd.  
Ambasan (Nashik),  
India.

**Sub: Techno commercial proposal for Design, Manufacturing, Supply & Erection of Proposed PEB Building at Nashik, India.**

Dear Sir,

At the onset, we would like to thank you for the interest you have shown in our company & the opportunity to provide you with a Turnkey Metal Building System solution for your upcoming project.

Based on the information gathered from our preliminary discussions & taking your requirements into account, we have prepared a proposal for your ready reference which also enlists the technical specifications.

Our objective at Dhumal is complete customer satisfaction each time every time & building a long term business relationship with all our partners. We hope that you will find our proposal comprehensive & assuring you of our best attention always.

Yours truly,

Dhumal Metals Pvt. Ltd.



PAGE NO.1

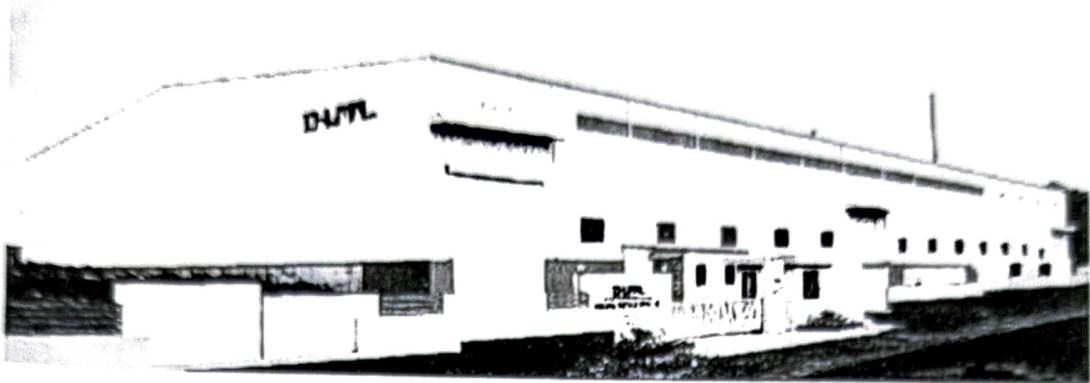
## PROPOSAL INDEX

### SECTION

1. DESIGN CRITERION
2. SPECIFICATIONS & DETAILS
  - A) PRIMARY FRAMING
  - B) SECONDARY MEMBERS - PURLINS & GIRTS
  - C) ROOFING SHEETING & WALL CLADDING
  - D) PROFILE CROSS SECTIONS
  - E) FLASHINGS & TRIMS PACKAGE
3. ACCESSORIES
4. QUALITY ASSURANCE PRE ERECTION CONFERENCE
5. CONTRACT PRICE TERMS AND CONDITION
6. DELIVERY
7. WARRANTY
8. SPECIAL NOTES
9. EXCLUSIONS
10. GENERAL NOTES
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12. CONTRACT



## DHUMAL METALS PVT. LTD.



- ✓ Dhumal Metals Pvt. Ltd., a sister company of Dhumal Industries, is a modern manufacturing setup equipped with the latest technology machinery & adopts standardized manufacturing processes. The facility covers a built up area of 1,00,000 sq. ft. & stretches across a sprawling 5 acre campus.
- ✓ The setup includes a wide range of machinery from cutting, punching, bending, roll forming, heavy metal fabrication to blasting & painting. Most of the machines are CNC controlled which offer high accuracy, consistency, repeatability which obviously leads to high quality.
- ✓ The Primary Framing is made of High Tensile built-up sections fabricated at the shop floor followed by an in-house process of Shot Blasting & dft based airless painting.
- ✓ The secondary members consists of a range of Cee Purlins & Zee Purlins tailor-made according to the specifications of the project with galvanization depending on client need for corrosion resistance and longevity.
- ✓ Our roofing & cladding profiles under the SuperRoof brand are specially designed to give best performance & coverage. The peak at the top makes it easy to screw down with minimal chances of leakage & ribs at the bottom make it easy even for cladding with very little chances of dishing.
- ✓ Accessories like Skylights, Ridge Ventilators, Turbo ventilators, Insulation, Solar mounts & Roof Safety Systems can be added extra as per client requirement.
- ✓ We highly recommend our SuperSeam roof profile & provide a 10 year limited warranty for leakage & 20 years Structural Stability for all Metal Buildings designed as per Dhumal Load combinations, importance factors & utilization ratios.



**SECTION 1:- DESIGN CRITERION**

**Structural Performance**

Dhumal has designed the Metal Building System to be capable of withstanding the effects of gravity loads and the following loads & stresses within the limits & conditions indicated:

**Design Loads**

- Live Load - 0.57 kN/m<sup>2</sup>
- Dead Load - 0.10 kN/m<sup>2</sup>
- Collateral Load - 0.20 kN/m<sup>2</sup>
- Wind Load - 39 m/s
- Location : Nashik.
- Design Code: AISC '89 / AISI '96 / MBMA '96 / IS 1893 2002
- Seismic Performance - Zone III

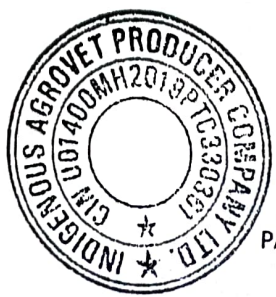
Design and engineered metal building system capable of withstanding the effects of earthquake motions.

**Serviceability Criteria**

Description	Main frame	Purlin (Vertical)	Girt (Horizontal)	Crane Beam
Deflection Limits	H/100, L/180	L/120	L/120	-

**The salient features of the design will be as follows.**

1. The building will be designed in STAADPro or MBS and reactions will be given to main RCC consultant to design the foundations.
2. Single side welding is considered. Welding will be as per AWS.
3. Bracings are considered in the scope. Bracing bay location will be provided in the final GA drawing. Portal Bracings provided only where specifically mentioned in offer scope.



## REFERENCES & TERMINOLOGY

### References

- AISC - American Institute of Steel Construction
- AWS - American Welding Society
- MBMA - Metal Building Manufacturers Association
- MBMA MBSM - Metal Building Systems Manual
- IS Code - Indian Standards
- ASTM - ASTM International

### Definitions

- **Bay** - Dimension between main frames measured normal to frame (at centerline of frame) for interior bays, and dimension from centerline of first interior main frame measured normal to endwall (outside face of endwall girt) for end bays.
- **Building Length** - Dimension of the building measured perpendicular to main framing from endwall to end wall (outside face of girt to outside face of girt).
- **Building Width** - Dimension of the building measured parallel to main framing from sidewall to sidewall (outside face of girt to outside face of girt).
- **Clear Span** - Distance between supports of beams, girders, or trusses (measured from lowest level of connecting area of a column and a rafter frame or knee).
- **Eave Height** - Vertical dimension from finished floor to Eave (the line along the sidewall formed by intersection of the planes of the roof and wall).
- **Clear Height under structure** - Vertical dimension from finished floor to lowest point of any part of primary or secondary structure, not including crane supports, located within clear span.



**SECTION 2 :- SPECIFICATIONS & DETAILS**

Building Type	Dual Slope
Total Area	12607.2 sq. ft. ( Including canopy )

**a) Primary Framing**

Sr. No.	Description	Building Details
1.	Frame Type	Clear Span
2.	Width	24000 mm C/c of main building column
3.	Length	46000 mm C/c of main building Column
4.	Height	8.8m Clear
5.	Roof Slope	1 : 10
6.	Bay Spacing	
	Width Module	1@24000 mm C/c
	Side wall	1 @ 7222 mm O/c + 7@ 7222 mm C/c + 1 @ 7222 mm C/o
	End wall	1 @ 6250 mm O/c + 2 @ 6250 mm C/c + 1 @ 6250 mm C/o
7.	Bracings	3 nos of Braced bays with X type bracings are considered in roof & in walls. No any portal bracings are considered.
8.	Primary Members	Built up I/H sections made with automatic SAW Welding as per design. Paint Shade - RAL - 7024 (Graphite Grey)
9.	Surface preparation	Wire Brush Cleaning
10.	Painting	Special DTM Synthetic Enamel Paint (DFT =90-110 Microns).
11.	Material Specification	IS2062 Grade E 350 / E250 as per design with minimum thickness of 5 mm for rafters & columns
12.	Bracing / Anchor bolt	IS: 2062 - E 250 with Min Yield Strength as 250 MPa.
13.	Connection Bolt (Primary)	Gr. 8.8
14.	Wall Sheeting Condition	3 m high brick wall and above sheeting all around the building considered.



**Crane Details: (N.A.)**

Capacity	Bridge wt	Trolley wt	Wheel load	Wheel base	Top of bracket height
MT	kN	kN	kN	mm	M
-	-	-	-	-	-

Crane bracket not supply by DMPL.

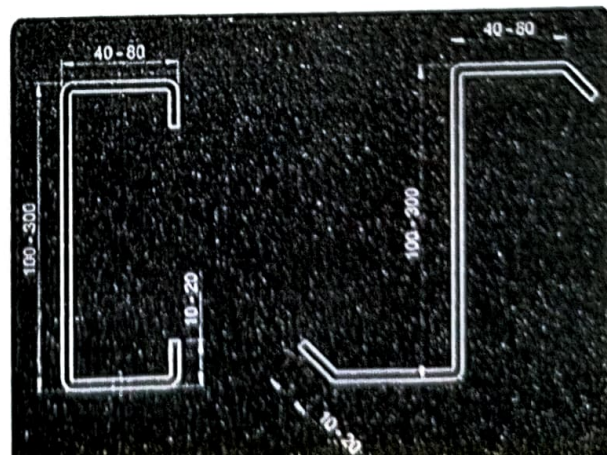
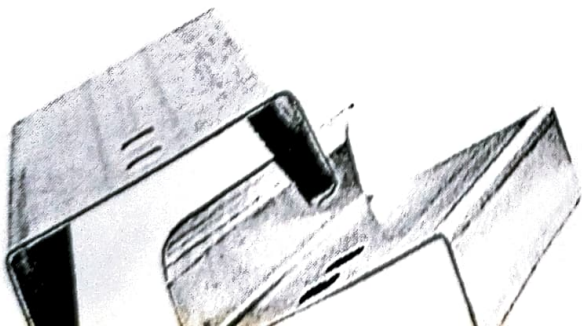
Crane Beam is not considered in the scope of supply.

Rail/Square Bar supply by other (if applicable).

**B) Secondary Members – Purlins & Girts**

Sr. Nso.	Description	Main Shed
1.	Purlin Section	As per design, by pass type Cold Formed Members roll formed, pre-punched to desired dimensions and cut to length in Cee – Zee cross-sections.
2.	Purlin Material	Pre-galvanized Zinc coated
3.	Material Specification	IS2062 Grade E 350 as per design with minimum thickness of 1.5mm & zinc coating of 120gsm

**Cee & Zee Sections:**



**Mezzanine Details- ( N. A.)**

- WxL - NA
- H - \_m TOS
- Dead Load - \_ kN/m<sup>2</sup>
- Live Load - \_ kN/m<sup>2</sup>
- Deflection Limit - L/240

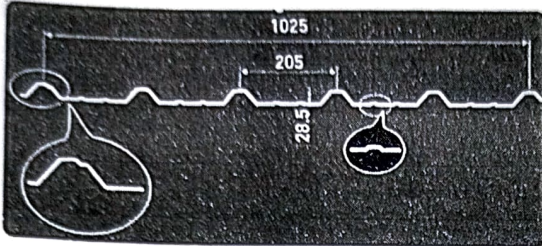
**C) Roof Sheeting & Wall Cladding**

1.	Sheeting Profile	Roof - SuperRoof 1025 Wall Cladding - SuperClad 1070
2.	Standard Roof System	Roofing with screw down fasteners in Bare Galvalume (BGL) Sheets Side Cladding in Pre-painted Galvalume (PPGL) Sheets. Paint Shade - RAL - 9002 (Off white)
3.	Material Specifications	Min. Yield Strength Ys- 550MPa Coating -AZ150GSM Roof - 0.47 mm, 550 MPa Wall - 0.5 mm, 550 MPa
4.	Gutters	Included.
5.	Framed openings	4 m x 4 m - 4 nos is considered.
6.	Canopy	2 m wide with soffit considered.
7.	Connection Bolt (Secondary)	Gr. 4.6

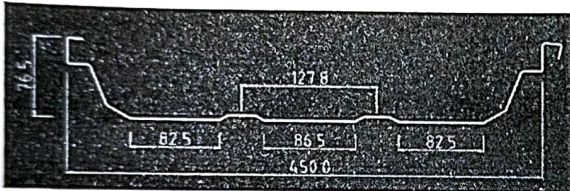


**D) Profile Cross Sections:**

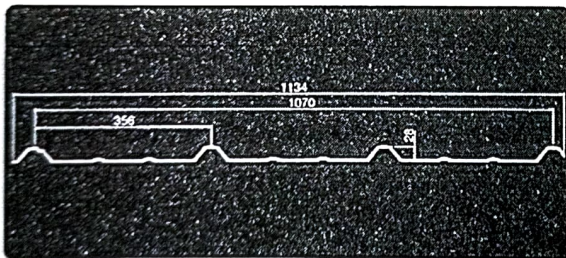
**Super Roof 1025:-**



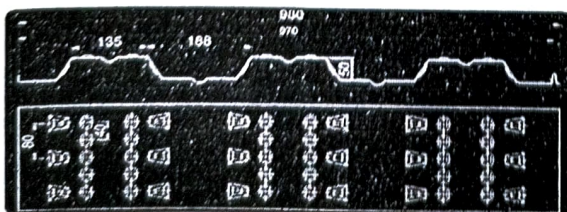
**Super Seam 450:-**



**Super Clad 1070:-**

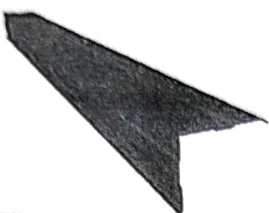
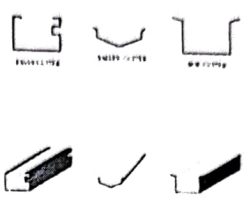
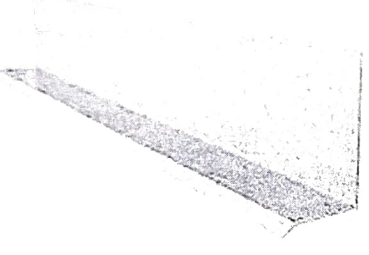
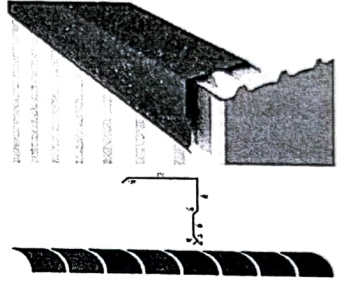
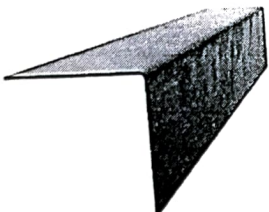
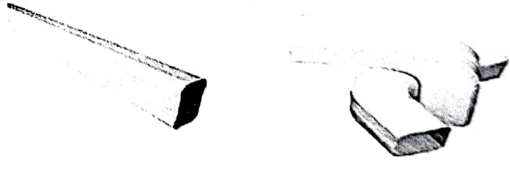
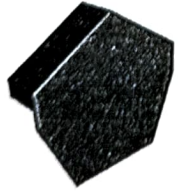



**Super Deck 970:-**



**E) FLASHINGS & TRIMS PACKAGE**

A well finished building is key to retain the aesthetic appeal of the building. DMPL has developed a standard set of Flashings, foam closures, gutters with downtake, peak plates & drip Trims to enhance the aesthetic of your building and improve weather tightness.







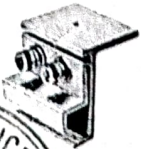
<p><b>a. Gable Trim</b></p> 	<p><b>b. Eave and Valley Gutter</b></p> 
<p><b>c. Drip Trim</b></p> 	<p><b>d. Eave Trim</b></p> 
<p><b>e. Eave Cleader Angle</b></p> 	<p><b>f. Downtake</b></p> 
<p><b>g. Peak Plate</b></p> 	<p><b>h. Ridge Cap</b></p> 



**TECHNICAL NOTES:**

1. Building tonnage - 75398 Kg
2. Min thickness for primary is 5 mm & for secondary is 1.5mm.
3. Gutter and Downspouts are considered.
4. All structural column will start from FFL.
5. Fixed/Pinned Base is considered according to design
6. X- type bracings are considered in sidewalls and roofs, no any portal bracing are considered in this breakup.
7. No partition wall considered.
8. Louvers are not consider in the scope.
9. Crane beam is not considered in current scope.
10. No loading for RCC building is considered on structure.

**SECTION 3 :- ACCESSORIES**

Building Accessories:			
Sr. No.	Accessories	Description	
1.	Crane Girders	Double side welder plated sections	
2.	Skylight	2mm thk Polycarbonate Sheet - 5% of Roof area	
4.	Ridge Vent	600mm throat and 3m long	
5.	Lifeline	Life line considered Along both side Of Ridge	
6.	Insulation	Rockwool thickness 50 and density 24 kg/m3	
7.	Weldmesh	Weldmesh reinforcement 50x50x1.6mm	
8.	Solar Clips	Size of Solar clips	



#### SECTION 4: QUALITY ASSURANCE PRE ERECTION CONFERENCE

##### Pre-Anchor Bolt Casting

DMPL will engage an engineer 1 day visit after supply of anchor bolts & templates to site and during site. Anchor bolt setting shall be checked by DMPL construction engineer before casting

##### Pre-Erection Conference

After supply of complete primary & secondary framing material supply to site, subject to payment terms, DMPL will hold a 1 day pre-erection conference to review the following:

- a. The detail drawings, specifications, and manufacturers descriptive and technical discussion required if any.
- b. Identification of various material & their part marks to the customer site incharge
- c. Identifying status of civil work, giving directives from PEB perspective & evaluating clear space and working environment from safety perspective. Atleast flat 3m all around building is mandatory
- d. Pcc or Soling & compaction of murum is must for hydra/farhana movement.
- e. Process will be closed along with DMPL, Customer & erector sign off.

##### Pre-Roofing & Cladding Installation Conference

After structural framing system erection and alignment, but before roofing, cladding & insulation work if any, DMPL will hold a 1 day pre-roofing & cladding conference with the erector to review the following:

- a. Examine purlins, sub-girts, and formed shapes condition compliance as per drawing, re-ascertain fitment of secondary & primary members.
- b. Review structural limitations of purlins & sub-girts during and after roofing, especially in conjunction with civil & try bringing deviations to notice before complete installation.
- c. Reviewing Sheeting material shippers list including flashings, accessories, gutters & downtakes along with customer & erector both & giving handover.
- d. Process will be closed along with DMPL, Customer & erector sign off.

Other than 2 one day visits, additional Engineer visit from company will be charged at Rs. 3900 per day

Every demobilization & remobilization of DMPL certified erection crew will entail a charge of Rs. 20,000. or at actual whichever is more.



**SECTION 5: CONTRACT PRICE, TERMS & CONDITIONS**

Sr. No	Product	UNIT PRICE	QTY	Unit	AMOUNT	GST 18 %
1.	Staad Pro Analysis, AB Plan & 3D Design	-	-		2,26,193.58	2,66,908.43
2.	Anchor Bolt & Template Supply	-	-		2,32,160.21	2,73,949.05
3.	Primary & Secondary	123515	60.7	MT	74,98,085.06	88,47,740.37
4.	Mezzanine	0	0	MT	0.00	0.00
5.	Roof Sheeting	620	1149.9	SQM	7,12,790.88	8,41,093.24
6.	Wall Cladding	678	1173.1	SQM	7,95,539.43	9,38,736.53
7.	Flashings & Trims Package	-	-	LS	4,66,026.53	5,49,911.30
8.	Accessories					0.00
a)	Crane Girders	0	0	MT	0	0.00
b)	Ridge Ventilators	0	0	m	0.00	0.00
c)	Turbo Ventilators	6480	0.0	Nos	0.00	0.00
d)	Louvers	2376	0.0	Sqm	0.0	0.00
e)	Skylights	1296	0	Sqm	0.00	0.00
f)	Insulation	0	0.0	Sqm	0.00	0.00
g)	Weldmesh Reinforcement	0.0	0.0	Sqm	0.00	0.00
h)	Roof Safety Package(Life line)			m	0.00	0.00
i)	Solar Clip Mounts					0.00
9.	Estimated Freight	-	-	LS	1,63,158.19	1,92,526.67
10.	Erection with 3rd Party Erector	528	1171.4	Sqm	6,18,754.76	7,30,130.62
11.	Complete Site-Clean up with One coat repaint	-	-	-	-	
12.	Annual Maintenance Contract	-	-		-	
					<b>1,07,12,709</b>	<b>1,26,40,996</b>

a) Total Price With GST for Supply & Erection:  
**Rs. 1,26,40,996.00**

b) Total Price with GST for Civil Activity.  
**Rs. 1,12,59,004.00**



- c) Total Amount Of Project  
Rs. 2,39,00,000.00  
Two Crore Thirty Nine Lakh Only.
- d) Taxes: GST - 18 % Included .
- e) Validity:
1. This proposal will be valid for 7 days only from the date of this proposal.
  2. Any variance from above proposal shall result in variation in Price and Delivery schedule.
  3. The current supply cost entails basic material cost, GST as applicable as per prevailing rate (currently 18%) is levied over it, however any change in tax rate/tax structure during currency of contract shall be to the account of Buyer at actuals.
  4. Freight from our Nasik Works to site is considered in the mentioned Price.

**PAYMENT TERMS:**

- f) Payment Terms:  
70 % - Advance with Purchase order  
30 %- After material readiness and pre dispatch inspection at DMPL; before dispatch from DMPL (In stages) on Pro-rata  
**Delivery Schedule:** As mutually agreed & signed off on paper.
- g) Payment Delay Clause -  
Interest will be Charged @3% per month on Overdue Amount.
- h) Storage of Material -
- DMPL shall store, free of charge in their shop floor, any or all the materials of the job for a period not exceeding 7 days from the scheduled dispatch date.
  - If the material is ready at our plant and client wishes to hold the material then the stacking of produced material charges will be applicable Rs. 250/MT per week. If DMPL does not receive the payment in 30 days, DMPL has right to forfeit all advance and client has no right to claim the same.
  - DMPL shall not be held responsible for damage caused to the exposed steel after it has been stored longer than 10 days. Such damage may include deterioration of the paint coating and oxidation of purlin material.




# DHUMAL METALS PRIVATE LIMITED

POLT NO- H-8 MIDC, MALEGAON, SINNAR TAL SINNAR NASHIK-4220103

## RTGS / NEFT - Bank Details

Name Of The Company	Dhumal Metals Privato Limited
Corporate office	C/o -E- 36 * D * Road M.I.D.C , Satpur , Nashik - 422 007
Telephone No-	91 - 0253 - 2350384 / 2350684
Mobile No-	99700100287 / 7887866984
Mail Id	accounts@dhumal.com / payment@dhumal.com
Name Of The Bank	Axis Bank Ltd
Bank Address	Mazda Towers , Tryambak Naka F.P No- 183 GPO Road , Nashik - 422 001
Bank Branch	Nashik
Account No-	9 1 8 0 2 0 0 1 2 7 5 1 5 1 0
IFSC Code	UTIB0000115
Micr Code	422211002

 <b>AXIS BANK LTD</b> <small>MAHARASHTRA STATE, MALEGAON, 422001          918020012751510</small>		New Account VALID FOR THREE MONTHS FROM THE DATE OF ISSUE	DATE D M Y Y Y
PAY TO THE ORDER OF		₹	
A/C NO 918020012751510 CANCA 115800		FOR DHUMAL METALS PRIVATE LIMITED	
Payable @ par of 100 (Hundred) Rupees Only		Authorized Signatory (Name) Please sign above	
575601 422211002 115160 29			

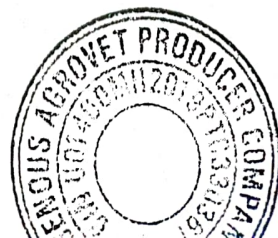


**Section 6: DELIVERY**

**6.1: Submission of General Arrangement Drawings** for approvals minimum 1-2 weeks from the date of

- a. Acknowledgement of LOI / PO / Contract Agreement.
- b. Signed Contract Copy
- c. Advance Payment as per terms, **whichever is the Later**. Approved Drawings must be returned to DMPL, Nashik within one week from receipt of GA drawings.
- d. The change in GA drawings needing redesign shall attract another 2-3 weeks and detailing changes shall result in 1-2 week. However, the timeline shall be communicated during approval process by evaluating the nature of change basing building complexity.

**Supply & Erection:** Total supply & Erection shall be completed within (08) weeks from the date of receipt of GA drawings duly approved in. to along with sheet color, structural paint color confirmation and commercial clearances whichever is later.



**Section 7: WARRANTY**

**Metal Building System Warranty**

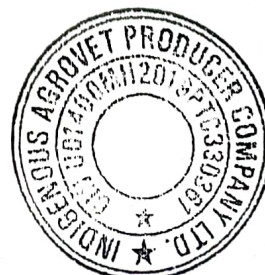
DMPL will furnish a limited warranty for the metal building system supplied for a period of 1 year from the date of supply & issued directly to the company. The warranty will cover if in the warranty period any manufacturing defects which crop up during the course of the year. Repairs that become necessary because of manufacturing defects will be initiated in no more than 10 working days. The warranty will not cover damages during transit or occurrences of erection.

**Roof System Water Leakage Warranty (applicable only on Dhumal SuperSeam Roofing)**

DMPL will furnish a 10 year limited warranty on the Dhumal SuperSeam 450 standing seam roofing system. The warranty will provide that if within the warranty period the metal roofing system shows evidence of water leakage due to factors solely based on thermal expansion & contraction or excess weathering, DMPL will initiate repair works that become necessary in a time span of no more than 10 working days.

**20 Year Structural Stability Certificate**

At handover of the building, DMPL will also issue a limited liability 20 Year Structural Stability Certificate directly addressed in the name of the company. In order for the Structural Stability Certificate to remain active & in effect throughout the time duration of the certificate, the buyer of the building will have to engage an annual maintenance contract with DMPL to conduct yearly touch ups & building checks & clean ups. The structural stability of the building will be void if the buyer of the building installs additional members, supports & loads to the building other than the ones planned during primary project execution.



## **PACKING, SHIPPING & STORAGE**

### **Packing**

1. Roof Sheeting & cladding is stacked & strapped together & sent in a different trailer from.
2. Galvanised foil packing for sheeting or Polyethylene film wrapping for primary members can be incorporated on request. (Packing charges apply)
3. Weighment done on the nearby weighbridge designated & approved by DMPL will be considered full and final.
4. Weighment calibration difference between various weight bridges accepted across the industry is 0.5%.
5. Wooden battens will be used for stacking the Primary & secondary material and will be considered part of the weighment. Average weight of battens is usually less than 0.5% of the weighment tonnage.
6. In case customer wants to deduct wooden battens, packaging charge will be applicable i.e. Rs. 250/MT

### **Shipping**

7. Primary framing & Secondary members will be bundled individually but shipped together on site in 40 feet (12 meter) trailer loads.
8. Transit Insurance charged extra at actuals.

### **Site Storage**

9. Adequate care of material should be taken at buyer site end to ensure storage is done in the correct manner required.
10. Material shipped from the factory must be stored in a shaded & dry area which is not prone to moisture.
11. Unloading of material is in Buyer's scope unless specifically mentioned in the contract.
12. Excessive exposure of primary paint may cause chalking of paint due to effect of UV rays on the members for an extended period.
13. Water accumulation during rains inside the H beams may cause oxidation or formation of red rust.
14. Water accumulation during rains on galvanized Z purlins stacked together and stored in an exposed area may cause oxidation or formation of white rust.



**Section 8: Special Notes**

1. Offered prices are subjected to change If raw material market prices undergo variation more than 2% compared to prices at the time of order confirmation.
2. Any changes in the design or specifications after order confirmation may have impact on prices and delivery schedules. Same will be communicated to client separately.
3. If GA drawing approval and release for production is not finalized within 4 weeks from the date of order confirmation or advance payment, delivery schedule will be revised and price implication will be communicated, if any.
4. After material readiness as per timeline decided but not dispatched due to reasons not related to DMPL such as incomplete civil work, non- compliance of commercial terms, changes in design, etc. holding charges will be applied @ Rs 250 / MT / Week
5. Complete site handover from civil team is expected before start of Erection & Installation of the building
6. Electricity / Water and other personal hygiene arrangements to be provided by client.
7. Pre-dispatch inspection and subsequent approvals to be arranged by client at own expenses, if required.
8. Pre-dispatch approvals will be considered as final, and no claim w r t quality of materials will be entertained later.
9. All the flushings, trims, gutters & Downtakes designs to be approved by client with GA drawings along with its fixing arrangements.
10. Weight done at any certified Weigh bridge near company will be treated as full & final.
11. Scope of work includes activities clearly mentioned in this work order. Modifications, changes & extra services rendered will entail extra cost.

