

CHEMCO KANDOI RPET PVT. LTD

Site Address : D-2/E/101, GIDC, Dahej

Dahej SIR, Bharuch, Gujarat -392130

GSTIN NO.24AALCC7150M2ZC

TENDER DOCUMENT FOR

- **PEB**
- **Plant Civil Work**
- **Plant Infrastructure Civil Work**

(2nd Attempt)

Company ADDRESS :

406, Lotus House, 33A, New Marine Lines, Mumbai - 400020

Email: - info@chemcokandoi.com

Telephone No. : +91-2261185100

Tender NOTICE NUMBER : CHEMCO/02/2025-26

NOTICE INVITING TENDER (NIT)

Name of Work :

- Pre Engineered Building (PEB)
- Plant Civil Work
- Plant Infrastructure Civil Work

Organization Name	CHEMCO KANDOI RPET PVT. LTD.
Location	D-2/E/101, GIDC, Dahej Dahej SIR, Bharuch, Gujarat -392130 GSTIN NO.24AALCC7150M2ZC
Department	PURCHASE
IFB/Tender Notice No	CHEMCO/01/2025-26
Tender Type	Offline Open Tender
Tender title/Name Of Project	Chemco-Kandoi Dahej
Description of Material/Name of Work	PEB / Plant Civil Work
Sector Category	Construction of Plant
Form of Contract	Turn-Kay Projects
Estimated Cost Value	15.00 Crore
Is ECV Visible to Supplier?	Yes
Tender Currency Setting	NA
Period of Completion/Delivery Period	6 Months
Procurement Type	Turn-Key
Consortium / Joint Venture	Not Allowed

Bid Document Download Start Date	06/08/2025
Bid document download End Date	14/08/2025 Till 17.00 PM
Bid Submission Start Date	06/08/2025
Bid Submission Closing Date	14/08/2025 Till 17.00 PM
Remarks	All bids to be submitted in hard copy with 2 separate covers 1. Technical Bid 2. Financial Bid Envelope –I (Technical bid): Technical Bid should contain signed and scanned soft copy documents in proof of experience and duly filled and signed copy of documents specified. Envelope –II (Financial bid): The Duly filled and Signed copy of the FINANCIAL STATEMENT as prescribed for each item section wise to be submit in Financial Bid Envelope
Bid validity	180 Days

Officer Inviting Bids	Purchase Head
Bid Opening Authority	Purchase Head
Address	406, Lotus House, 33A, New Marine Lines, Mumbai - 400020
Contact Details	+91-9004039639

Tender Stages

Technical and Commercial

Stage Name	Evaluation Date
Preliminary Stage	14/08/2025 17.30 PM
Commercial Stage	It will be communicated at later stage

General Terms and Conditions:

(1) Bidders can download the tender document free of cost from the website : www.tenderdetails.com or can be purchase from CHEMCO KANDOI RPET PVT. LTD. , Purchase Head, 406, Lotus House, 33A, New Marine Lines, Mumbai - 400020

(2) Bidders have to submit 2-packet bid physically

a) Envelope –I (Technical bid):

- Technical Bid should contain duly filled and signed copy of documents specified as per Eligibility Criteria

b) Envelope – II (Financial Bid): The Financial e-Bid through GeM portal.

- The BoQ to be filled by the bidder. The bidder has to fill the mentioned sheets as per the following:
- The bidder shall quote for all the items in the tender schedule. If any of the items not quoted by the bidder, then their bid will be treated as non-responsive.
- The bidder shall quote for the total value of all items including taxes.
- The bidder shall fill the individual rates of all the items as mentioned in the financial bid in the tender document.

MAIN Envelop must content both separate Envelope – I & II with seal.

Sealed envelopes need to be submitting at following office before tender closing date and time:

CHEMCO KANDOI RPET PVT. LTD.

Purchase Head, 406, Lotus House, 33A, New Marine Lines, Mumbai – 400020. Late received, incomplete bids will be not considered in any means.

(3) Bid Opening and Evaluation

Bids shall be opened on or after the specified date & time, by the tender inviting authority.

(4) CHEMCO KANDOI RPET PVT. LTD. has the full right to assess the performance of the work by the bidder and the decision shall be binding upon the bidder.

(5) CHEMCO KANDOI RPET PVT. LTD. reserves the right to accept or reject any Bid and to cancel the Bidding process and reject all Bids at any time prior to the award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Tender Inviting Authority's action.

(6) In case bidders need any clarifications about any clause in tenders, they can contact: -

Mr. Vivek Metkar

Purchaser Head

CONTACT NUMBER : +91-9004039639

(7) Confidentiality

Information relating to the examination, clarification, evaluation, and comparison of Bids and recommendations for the award of a contract shall not be disclosed to Bidders or any other persons not officially concerned with such process until the award has been announced in favour of the successful bidder.

(8) Any effort by a Bidder to influence the Purchaser during processing of bids, evaluation, bid comparison or award decisions shall be treated as Corrupt & Fraudulent Practices and may result in the rejection of the Bidder's bid.

Other Terms & Conditions as per detailed tender documents

On Bidder's Letter Head with Stamp and Signature

Date : _____

To,

Tender Inviting Officer

Purchase Head

CHEMCO KANDOI RPET PVT. LTD.

D-2/E/101, GIDC, Dahej

Dahej SIR, Bharuch, Gujarat -392130

Subject: Non Blacklisting Declaration

Ref : Bid No : CHEMCO/02/2025-26

Dear Sir,

With reference to above subject and tender bid documents; we here by accept all terms and condition of your requirement and submitting our bid according as required in bid documents.

We hereby confirming that, we are not under liquidation court receivership or similar proceedings. We are not bankrupt and giving undertaking herewith for the same.

We are confirming herewith that, we are not been blacklisted or bankrupt by any government department / authority / any state governments / central government in India. No police enquiry or litigation present against us by any of the public / government / private entity.

Hope it is in line and request yourself to consider our bid positively

Thanks and regards,

Truly yours

For, _____

Authorise Signatory

Pre Engineered Building (PEB)

➤ PROJECT BRIEF DISCRIPTION :

A Pre-Engineered Building (PEB) is a steel structure that is designed and fabricated off-site in a factory, then transported and assembled at the construction site. These buildings are known for their speed of construction, cost-effectiveness, and flexibility. PEBs utilize a structural concept based on primary framing (columns and rafters), secondary framing (purlins and girts), and roof/wall panels, all connected with fasteners. Considering the benefits, CHEMCO KANDOI RPET PVT. LTD. urge herewith potential bidders to provide their competent bid against our requirement of PEB at our site.

➤ Eligibility Criteria

Sr. No.	Contents	Referring Page No
1	Certificate issued by the Registrar of firms / companies or an affidavit in case of firm is under Proprietorship duly stamp and signed	
2	Work Completion Certificate/work order for more than 50000 Sq Ft area or 5 CR value of one project. - Copy of similar works experience certificates or work completion certificates completed during last 7 years issued by the reputed organizations, Govt. of India Offices / state Government organizations / PSUs.	
3	PAN Card	
4	GST Registration Certificate	
5	Average annual turnover of last 3 years : 25 crore - Certificate in respect of average annual financial turnover issued by the Chartered Accountant (However newly constituted entity can be exempted)	
6	IT returns with audited balance sheet, profit and loss account for the last three proceeding financial year duly stamp and signed (However newly constituted entity can be exempted)	
7	Non Blacklisting Declaration (As per format given in this tender document)	
8	Scan copy of each page of Tender Document duly signed and stamped	
9	Additional necessary Document if any	

Submit prominent and appropriate all supporting documents whenever required.

➤ **SCOPE OF WORK**

- All drawings provided along with this tender and BOQ and quantity parameters must be as desired in drawing only.

➤ **Technical Specifications**

SECTION 1: Scope of Supply

1.1 Building Basic Description: For Main Plant Building

No. of Buildings	1
Area of the Building Sqm.	16295.71Sqm.
Area of the Mezzanine Sqm.	Sqm.
Area of the Canopy Sqm.	228.2Sqm.
Total Covered Area	16523.91Sqm.
Building Usage	Factory Building

1.2 Technical Parameter:

Sr. No.	Nomenclature		Description
1	Frame type		TCMS-5 (Tapered Column Multi Span-Five)
2	Width (M)		101.81 mO/O of Steel Line.
3	Length (M)		160.06 mO/O of Steel Line.
4	Height	Clear Height	10.0 m from FFL
		Base Plate Level	All PEB columns startfrom 200mm belowFFL
5	Width Module		1@26.17M + 4@26.67M + 1@26.17M C/C of Steel Line.
6	Slope		1: 12
7	Bay Spacing	Side Wall	12@8.40M C/C of Steel Line.
		ICO with/ without Jack Beam	12@8.40M C/C of Steel Line, along axes-D, G, K, N & R.
		Front End Wall	1@8.39M + 16@8.89M + 1@8.39M C/C of Steel Line.
		Back End Wall	1@8.39M + 16@8.89M + 1@8.39M C/C of Steel Line.
8	Type of End Frames	Expandable Rigid Frame	Future Expansion considered along GL-17&GL 5/G-U (RM Store Building)
		No-Expandable Rigid Frame	N/A
		Post & Beam	N/A
9	Bracing type	Cross bracing	• Double Rodbracing considered in Roof • Cross Pipe bracing considered in Wall.
		Portal Bracing	4.0 m Portal & above cross Pipe bracing considered in ICO
10	Type of Purlin/Girt	Bypass type	Bypass Roof Purlin & Girts considered.
		Flush Type	N/A
11	Roof Sheeting	Sheeting Description	0.58mm Thick SBS profile RMP Steel SSR panels of 550 MPa yield strength. (JSW AZ-150)
		Insulation Description	In Client Scope; Only Fixing in Our Scope
		Liner Panel Description	NA
12	Wall	Sheeting Description	0.50mm Thick SBS profile RMP Steel panels of 550 MPa yield

	Sheeting		strength. (JSW AZ-150)
		Insulation Description	NA
		Liner Panel Description	NA
13	Cladding Condition	Right Side wall	Full height single skin sheeting considered above 3.0 M Brick wall
		Left Side wall	Full height single skin sheeting considered above 3.0 M Brick wall
		Front End wall	Full height single skin sheeting considered above 3.0 M Brick wall
		Back End wall	Full height single skin sheeting considered above 3.0 M Brick wall
14	Fascia	Flush Fascia	NA
		Cantilevered Fascia	NA
		Gutter covering Fascia	NA
15	Gutter Type	Eave Gutter	0.5 mm Galvalume Gutter
		Valley Gutter	2.0 mm GI Gutter @ Canopy
16	Water Discharge	Galvalume Down take	0.5 mm Standard Galvalume Downtake
		PVC Down take	NA
		With header pipe	NA
17	Column Type		All main columns are designed as Fixed bases, and all wind columns are designed as Pinned bases.
18	Building Condition		Enclosed
19	Special Notes		- Considered 2 nos. cage ladder for roof access. - Considered future expansions along GL 17 & GL5/G-U. - Considered partition wall along GL K. - Considered solar load only on half side of roof along GL K-U/5-17. - Considered 1-tier Cable&1-tier pipe tray bracket with supporting structure of Capacity 100 Kg/Rmt. Each. - Canopy considered with Soffit, down take & Fascia.

1.3 Partition Wall Description:

Sr. No.	Nomenclature		Description
1	Sheeting		Yes
2	Longitudinal	Brick Wall Height	3.0 m
		Top Sheeting Height	Full Height
		Single side sheeted/Both sides sheeted	Single side sheeted
		Girt Flush/Bypass	Bypass
		Insulation in Partition	NA
3	Transverse	Brick Wall Height	NA
		Top Sheeting Height	NA
		Single side sheeted/Both sides sheeted	NA
		Girt Flush/Bypass	NA
		Insulation in Partition	NA

1.4 Scope of utility (pipe/cable) tray support:

Sr. No.	Nomenclature			Description
1	Location	Sidewall columns		Yes
		End wall columns		Yes
		ICO Columns		Yes, single side only (only along axes-K both side bracket considered)
2	Technical Detail	Nos. of Tier		1 Tire Cable tray & 1 Tier Pipe tray
		Loading on each tier (Rmt)		100kg/rmt
		Bracket projection on each tier		As per Drawing
3	Scope of Supply	Only Loading to be considered		Cable & Pipe tray Structure
		Only Bracket in SBS Scope		Cable & Pipe tray Bracket
		Tray Supporting “C” runners with bracket in SBS scope		Considered
Note: Any Kind of cable/pipe supporting tray supply is not in SBS scope.				

1.5 Technical Description for Roof Accessories:

Roof Insulation	Type of Insulation	NA
	Thickness of insulation	NA
	Facing type	NA
	Weld Mesh	NA
Notes: If Any		
Roof Monitor	Size of Roof Monitor	NA
	Length of Roof Monitor	NA
	Roof Sheeting (Bare/Color)	NA
	Cladding of Roof Monitor (Bare/Color)	NA
	Air Changes (if mentioned by client)	NA
	GI/Galvalume Louvers in side wall with sizes	NA
	Insulation in Roof Monitor	NA
Note: Roofing sheet of the roof monitor will be Hi-Rib only even in the case of SSR roofing system.		
Ridge Vent	Throat Diameter	NA
	Sheeting (Bare/Color)	NA
	Continuous/Pieces	NA
	Length of Ridge vent	NA
Note: If Any		
Turbo Vent	No. of Turbo Vent	NA
	Throat Diameter	NA
	Base (FRP/Polycarbonate)	NA
Note: If Any		
Sky Light	Area Of Sky Light (Sqm.)	1160Sqm
	Standard Length/Strips	600mm strips
	Polycarbonate/FRP	Polycarbonate
	Thickness	2 mm
	Single Skin/ Double Skin	Single Skin
Note: Fall Protection mesh considered as per company standard.		
Life Line	Total running meter Length	520Rmt.
	Both side length wise (m)	200 mtr.
	Both side of Ridge line	NA
	Both End Width wise (m)	320 mtr.
	Total Length	520Rmt.

Note: If Any

1.6 Technical Description for Wall Accessories:

Framed Opening	Size	Location	Quantity	Utility/Purpose
	3m X 3m	End wall along GL-17/C-G	4 nos.	Rolling Shutter
	4m X 4.5m	Sidewall, End wall & ICO	5 nos.	Rolling Shutter

Note: If Any

Canopy	Size	Location	Soffit	Quantity	Type
					Curved Eaves/Box type with/without return DT
	5m X 1 bay space	ENDWALL along GL-17/C-H	YES	5 nos.	Box type with DT
	3m X 1 bay space	Sidewall	YES	2 nos.	Box type with DT

Note: If Any

Louvers	Type of Louvers	S-type (225 sqm.)
	Sill/Lintel level	As per drawing
	Size of Louvers	1.2m height
	With/without mesh	With mesh
	Mesh Specification	GI- mosquito mesh

Note: If Any

Wall Light	Area Of wall Light (Sqm.)	22Sqm
	Standard Length/Strips	1.2m X 8.89m (2 nos.)
	Polycarbonate/FRP	Polycarbonate
	Thickness	2 mm
	Single Skin/ Double Skin	Single Skin

Note: Fall Protection mesh considered as per company standard.

Fascia	Cantilevered/Flush	NA
	Height	NA
	Location	NA
	Sheeting	NA

Note: If Any

Exhaust Cutout	Location	As per Drawing
	Size	1.2m X 1.2m
	Quantity	24 nos.

2.0 Design & Load Deflection Criteria:

Consideration of Design Loads	
Live Load (KN/Sqm)	0.57
Dead Load (KN/Sqm)	0.12
Wind Speed (m/Sec)	44
Rain Fall Intensity	150mm/hour

Seismic Zone			III
Collateral Load For,	Solar Panel		20 Kg/Sqm(only alongaxes- K-U/GL-5-17)
	Sprinkler	Rafter	Kg/Sqm
		Purlin	Kg/Sqm
	Fall Ceiling	Rafter	Kg/Sqm
		Purlin	Kg/Sqm
	Air Duct	Rafter	Kg/Sqm
		Purlin	Kg/Sqm
Additional Loading		NA	
Notes:			

2.1 Serviceability Criteria Followed:

Deflection Detail	
Vertical	L/180
Horizontal	H/100
For Purlins	L/150
For Girt	L/150
For Mezzanine	L/250
Crane	L/600

2.2 Minimum Thickness Criteria:

Description	Thickness
Built-up – Flange	5mm
Built-up – Web	5mm
Cold form	1.5mm

2.3 Surface Preparation & Painting Criteria:

Primary Member	Surface preparation	Copper Slag Blasting
	Painting/Coating	Factory applied Single coat of direct to metal paint with epoxy base having 90-100DFT
Secondary Member	Surface preparation	None
	Painting/Coating	Galvanized
Anchor Bolt		Black Steel
Note:		

2.4 Applicable Codes for design:

Code Applicable as per MBMA code	Applicable
Code Applicable as per IS code	Not Applicable

2.5 Description for MBMA code:

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)
Built-up tapered solid web 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 D1.1.2020) - Structural Welding Code – Steel
Fabrication tolerance in accordance with: Fabrication tolerance in accordance with MBMA: 2018

2.6 Description for IS code: (Not Applicable for this Project)

Loads are applied in accordance with: - Wind Load application as per IS 875 (Part3) - 2015 - Seismic design in accordance with IS:1893 (Part 1) 2002 & IS:1893 (Part 4): 2005
Hot-rolled and built-up sections are designed in accordance with: Indian code IS 800-2007 (Limit state design/Working stress design)
Built-up tapered solid web sections are designed in accordance with: Indian code IS 800-2007 (Limit state design/Working stress design)
Cold-formed members are designed in accordance with: Secondary member design in accordance with IS 801-1975
Welding is applied in accordance with: - American Welding Society (AWS D1.1.2020) - Structural Welding Code – Steel
Fabrication tolerance in accordance with: Fabrication tolerance in accordance with MBMA: 2018

2.7 General Consideration Applicable with both codes:

- Erection tolerance in accordance with **AISC 2010**
- Collateral loads if any result from presence of fire sprinklers, electrical cable trays, ceiling lighting, air conditioning duct, suspended ceiling etc. (any additional permanent load) & should not be applied on roof panel.
- Snow loads on roof & Snow drifting if any resulting from presence of adjacent structures, not considered.
- For material specifications, fabrication, NDT, and construction tolerance refer to company Shop QAP & Field QAP.

2.8 Inclusion:

- Rigid frame structural for columns, rafters with end plates, purlins, girts, Bracing
- All necessary flashing, trims, Gutter & Downspout.
- Structural Hardware, End lap sealant
- Anchor bolts and templates (templates are 's property & to be returned after use)

2.9 Exclusion:

- Any Kind of Roof accessories unless specified otherwise
- Any support structure for additional load considered unless specified otherwise

3. Civil mechanical and electrical design and materials
4. Miscellaneous steel except as specified herein
5. Concrete embedded plate's expansion bolts or weld plate of any kind
6. Architectural services of any kind and all kinds of civil works
7. Doors windows, rolling shutter.
8. Any other items not included in the building specification
9. Any kind of internal partitions except those mentioned herein.

3. Standard consideration:

Subject	Consideration
Water & Electricity	Water & Electricity shall be free of cost at single point.
Storage & safety of material	Safety of the material will be in client's scope only after unloading the material in client's premises.
Third Party/Laboratory test	Any kind of design wattages, third party inspection and laboratory test will be acceptable but that charges will be borne by client only.
Defect liability period	Defect liability period will be 12 months from the date of handover.
Leakage Warranty	In case of screw down sheeting leak proof will be 12 months In case of SSR sheeting, leak proof will be 36 months
Statutory Levies (Octroi, BOCW & municipal tax)	If there are any statutory levies are introduced by the appropriate Government at the time of shipment, erection or after or during the completion of project additional charges will have to be borne by the CLIENT as per actual.
Local Issues	Any kind of local issue on site will be resolved by the client only.

3.1 Standard material specification:

Structural Components		Specification
Built-Up Sections	HR Plate	ASTM 572, Grade 50, 345 MPa / IS 2062
Hot Rolled Sections	Beams & Channels	As per IS 2062- 250 MPa
	Angles	As per IS 2062-250 MPa
	Hollow pipe	As per IS:4923 for Square Pipe, IS 1239 Part 1 & IS 1161 for Round Pipe, Ys: 210 / 240 MPa
Cold rolled cold Formed Members Pre-Galvanized / Painted	Secondary (Z - Section)	IS: 277 GP - 350 MPa
Flange Brace	Flange Brace (As per design)	IS:2062 E250 A (Painted)
Sag Rod	Sag Rod (As per design)	IS: 2062 E250A (Painted)
Sheeting Panels:		
Bare Galvalume	Roof	➤ IS: 15961 YS 550 MPa AZ 150 for screw-down panel ➤ IS: 15961 YS 300/340MPa AZ 150 for SSR Panel

Color Galvalume / Trims & Flashings	Walls	IS: 15965 YS 550 MPa AZ150
Bracing Material	HR Rod / ISA / Hollow	IS: 2062 E250A, 250 MPa (Painted) As per IS:4923 for square pipe, & IS 1161 for round Pipe, YS: 210 MPa
Anchor Bolts 'J' type/ Straight with bottom plate	HR Rod Black Steel	➤ As per IS: 2062 E250A ➤ Only Nut & Washer shall be Zinc Plated
Primary Connection Bolts: Grade 8.8 with Yellow Passivation	HS Bolts	ASTM A325M and or IS: 1367- Part-3 with yield strength of 630Mpa
Secondary Connection Bolts Gr. 4.6 Zinc Plated	MS Bolts	IS: 1367 P-3 400Tensile
Cold formed Panel Pre-Galvanized	Deck Panel GI	IS: 277 GP350, YS300/ 345Mpa
Web to flange welds of Built-Up members are Single side fillet welds by continuous automatic SAW process, unless noted otherwise except for crane beams (Double side weld)		

3.2 Drawing submission & approval schedule:

Drawing description	Milestone date
Purchase order or LOI along with Advance payment	Shall be discussed during Commercial discussion.
Anchor bolt Plan & Column reactions Submission	
Anchor bolt Plan approval from client/Consultant end	
GA drawing submission	
GA Drawing Approval	
Structure color & Sheeting color approval	
In case of major change or comment on AB or GA drawings then company shall take minimum 7-10 days for re-submission	
Supply & erection schedule shall be considered from the date of all the above-mentioned approval	

3.3 Schedule of activities after approval:

Activity Description	Milestone date
Dispatch of materials from Factory	Shall be discussed during Commercial discussion.
Transit time	
Start of erection	
Structure completion	
Start of roof sheeting	
Start of wall sheeting	
Finishing work	
Handover date	

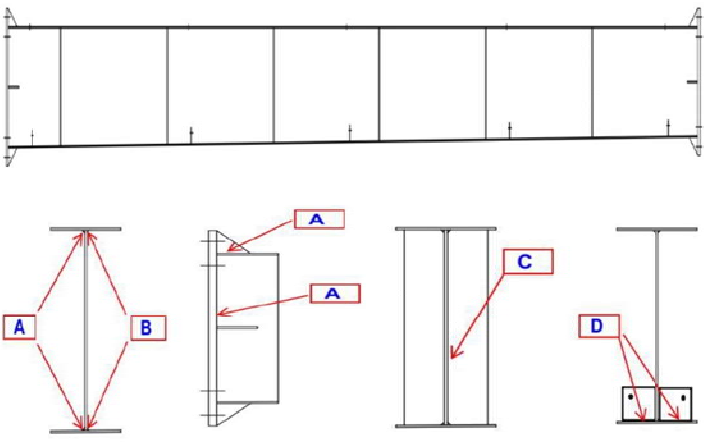
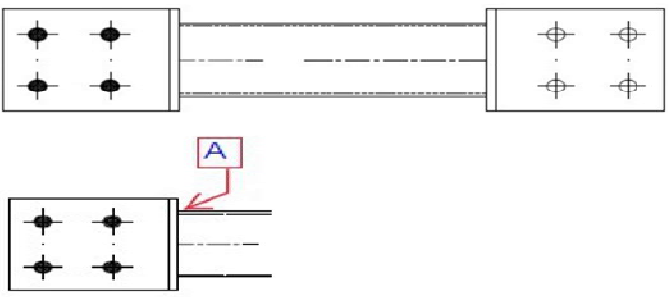
The schedule given above is subjected to following conditions:

1. Approval of Drawing within Agreed time frame
2. Approval of Sheeting & structure color on or before GA drawing approval.
3. Anchor bolts should be ready with 7 days curing time on or before start of erection. For building having less than 6000 M2 area, 100% anchor bolts should be ready before start of erection. For bigger building as per mutually agreed schedule for anchor bolt casting.
4. Site shall be made available by client with back filled compacted surface in such a way that movement of Hydra and other machinery can happen in safe manner inside the building.
5. Grouting shall be done within 3 days from the date of alignment. Roof sheet shall start after grouting work completion.
6. Clear & leveled space shall be required all around the building for scaffolding movement before start of wall cladding.
7. Payments as per agreement within time frame.
8. Leveled and compacted surface shall be provided by client for unloading of material.
9. Erection will start only from agreed surface level (FFL) if changes in level lead to cost increment that will be borne by client only.
10. Idle charges- During Project Execution at site, in case our team will be idle for more than FIVE days due to unavailable of civil front/ any other reasons other than PEB work, Re-mobilization amount will be applicable, as per mutual discussion.

3.7 Standard Quality Approval Plan:

SR NO.	OPERATION	CHARACTERISTIC			REFERENCE DOCUMENT	ACCEPTANCE CRITERIA	FORMAT	INSPECTION STAGE		REMARKS
			TYPE	QUANTUM			DOCUMENT	SBS	TPIA/ CLIENT	
1	RAW MATERIAL INSPECTION									
1.1	Plates/Rolled Sec.(Beam,Channel, Angle,Bar,SHS,RHS, CHS)	1.Chemical Properties 2.Mechanical Properties 3.Visual / Dimensional	Visual & measurement	At Random	ASTM A572 Gr50 & Relative Material Specification	IS:2062 E350:E250/IS:4923/ IS:1239 Pt.1/IS:1161	RMI Report & MTC , Lab Test Reports in absence of MTC per Heat	P	RW	
1.2	Fastening Elements	1.Chemical Properties 2.Mechanical Properties 3.Visual Dimensional	Review	At Random	ASTM A325/A307	ASTM A325/A307/IS:1367 & Relative Material Specification	MTC, Lab Test Reports in absence of MTC per Heat	P	R	
1.3	Miscellaneous (Round Bar/Angle bracing)	1.Chemical Properties 2.Mechanical Properties 3.Visual Dimensional	Visual & measurement	At Random	ASTM A36 & Relative Material Specification	IS:2062 E250Gr	MTC, Lab Test Reports in absence of MTC per Heat	P	R	
1.4	Cold Form Members (Purlin & Other items)	1.Chemical Properties 2.Mechanical Properties	Review	At Random	ASTM A653 Gr50	IS:277 GP & Relative Material Specification	MTC , Lab Test Reports in absence of MTC per Heat	P	R	
1.5	Roof / Wall Sheeting Materials	1.Chemical Properties 2.Mechanical Properties	Review	At Random	ASTM A792 Gr340/ Gr550 & Relative Material Specification	IS:15961 YS350/YSS50 & Relative Material Specification	MTC , Lab Test Reports in absence of MTC per Heat	P	R	
2	MANUFACTURING PROCESS									
2.1	I Beam Forming	1.Joint location & Orientation 2.Forming Dimension 3.Butt Weld fit up / Offset	Visual & measurement	100%	Client's Specification & Approved Drawing	As per DWG & MBMA/IS Standard	Inspection Report	P	R	
2.2	Auxiliary Fitment	1.Set-up dimensional location 2. Orientation	Visual & measurement	100%	Client's Specification & Approved Drawing	As per DWG & MBMA/IS Standard	Inspection Report	P	R	
3	WELDING (PROCEDURE/CONSUMABLES)									
3.1	Welder & Welding Qualification	Welding Parameter	Review of Records	100%	AWS D 1.1/ASME Sec IX	AWS D 1.1	WPS, PQR	P	R	Review of existing Qualified WPS/PQR
3.2	Weld Consumable Control	Weld Consumable Issue, Storage, Drying & Baking.	Verify & Review	At Random	ASME Sec II Part-C	ASME Sec II Part-C	Log Book	P	R	
3.4	Welding Consumables		Review	100%	ASME Sec II Part-C	ASME Sec II Part-C	MTC	P	R	
4	WELDING INSPECTION & NDE(as per client requirement)									
4.1	Weld Inspection (After welding)	Visual, Fillet size, leg length, throat thickness	Visual & Measurement	100%	Client's specification & AWS D1.1/ASME Sec IX	Client's specification & AWS D1.1/ASME Sec IX	Inspection Report	P	RW	
4.2	Fillet Welds	Dye Penetration / Magnetic particle Test	As per Client's Requirement	10%	AWS D1.1/ASME Sec V, Approved NDT Procedure	AWS D1.1/ASME Sec V , Approved NDT Procedure	Relevant NDT Report	P	R	DP test randomly perform for butt joint under internal inspection.
5	FINAL INSPECTION									
5.1	Final Inspection of every Single Piece	Dimension as per Approved Drawing & per client's Specification	Visual & Measurement	100%	Client's specification & Approved drawing	As per DWG & MBMA/IS Standard	Inspection report	P	RW	
6	BLASTING & PAINTING									
6.1	Painting test certificate	Self-Life , manufacturers Recommendation	Review of TDS & TC	100%	Applicable Specification	Applicable Specification	Painting Test Certificate	P	R	
6.2	Surface Preparation by shot blasting/Copper slag/Mechanical cleaning	Visual inspection /Surface Roughness	Visual & Measurement Comparator	At Random	Painting procedure / Client's specification	Painting procedure / Client's specifications 2.5 surface profile	Blasting & Painting Inspection Report	P	R	
6.3	Painting	WFT / DFT test	Visual & Measurement	At Random	Painting procedure / Client's specification	Painting procedure / Client's specifications	Blasting & Painting Inspection Report	P	RW	
***The QAP is valid in conjugation with Technical offer / Final Purchase order.										
***Legends: P -Perform, R -Review, RW -Random Witness, MTC -Mill Test Certificate, WFT -Wet Film Thickness, DFT -Dry Film Thickness, RMI -Raw Material Inspection, DWG -Drawing, AWS -American Welding Society, ASME -American Society for Mechanical Engineers, MBMA -Metal Building Manufacturing Association, IS -Indian Standard										
PREPARED BY				REVIEWED BY				APPROVED BY		

3.8 Standard weld map:

Structure design consideration as per MBMA:2018											
Section Details	WPS Details										
★ Plate Built-up Section 	As per AWS D1.1/D1.1M : 2020 SBS/WPS/003 SBS/WPS/004 SBS/WPS/005 SBS/WPS/006 As per ASME Sec.IX : 2019 SBS/WPS/001 SBS/WPS/002 Code & Standard AWS D11 : Structure Welding Code IS:2062 : Hot rolled medium and high tensile structural steel. ASME Sec.IX : Welding and brazing qualification ASME Sec.V : Non-Destructive Examination ASME Sec.II Part.C : Welding Consumables ASNT : Recommended practices for NDT, Personal Qualification & Certification.										
★ Rolled Section (ISMB, ISMC, ISA, SHS, RHS, CHS) 	Configuration of Weld Type Type A Continuous parallel Fillet weld Type B Continuous Parallel Stitch weld Type C Staggered Intermittent weld Type D Staggered weld hori. to verti. Type of Welding SAW (Submerged Arc Welding) FCAW (Flux Cored Arc Welding) SMAW (Shielded Metal Arc Welding)										
★ joint Configuration (Sec. Joint for Butt) 	Fillet Weld consider as per AWS D1.1 table no. 7.7 <table border="1"> <thead> <tr> <th>Base Metal Thick. (T) (mm)</th><th>Min. Size of Fillet Weld (mm)</th></tr> </thead> <tbody> <tr> <td>$T \leq 6$</td><td>3</td></tr> <tr> <td>$6 < T \leq 12$</td><td>5</td></tr> <tr> <td>$12 < T \leq 20$</td><td>6</td></tr> <tr> <td>$20 < T$</td><td>8</td></tr> </tbody> </table>	Base Metal Thick. (T) (mm)	Min. Size of Fillet Weld (mm)	$T \leq 6$	3	$6 < T \leq 12$	5	$12 < T \leq 20$	6	$20 < T$	8
Base Metal Thick. (T) (mm)	Min. Size of Fillet Weld (mm)										
$T \leq 6$	3										
$6 < T \leq 12$	5										
$12 < T \leq 20$	6										
$20 < T$	8										
Important Notes :- 1. All dimension are in mm. 2. CJP and PJP shall be confirmed as per approved WPS. 3. 1:4 Chamfer will be done for plate transition joint thick of difference >3mm. 4. The max. Longi. spacing of intrmittent welds shall be 1000mm with 100mm weld. 5. Shall be consider full welding on both side for crane beam.	NDT (Non-Destructive Testing) ★ NDT Shall be carried out after 24 Hrs of weld completion or later. ★ Non-destructive inspection of weld shall be done by qualified NDE personnel. ★ UT test are for plate thickness 8mm and above. Welding polarity <table border="1"> <tr> <td>☒</td><td>DCEP (Reverse Polarity)</td></tr> <tr> <td>☐</td><td>DCEN (Straight Polarity)</td></tr> </table>	☒	DCEP (Reverse Polarity)	☐	DCEN (Straight Polarity)						
☒	DCEP (Reverse Polarity)										
☐	DCEN (Straight Polarity)										

3.9 approved vendor list:

Sr.No.	Material Description	(Brand/Make/ Company) Name
1	Steel Plates	ArcelorMittal Nippon Steel India Ltd. (AMNS erstwhile Essar Steel) / JSW Steel / TATA Steel / Jindal Steel and power (JSPL) / SAIL / Uttam Value / Posco / Hyundai
2	Chequered Plate & Flange	ArcelorMittal Nippon Steel India Ltd.(AMNS erstwhile Essar Steel) / JSW Steel /Jindal Steel and power (JSPL) / SAIL / Uttam Value
3	SSR Sheeting Bare & Color galvalume	JSW (300 / 345 MPa only) / JSWBPSL (300 / 345 MPa only)
4	Bare & Color galvalume for PR Panel	JSW / JSWBPSL
5	Trims & Flashings / Downspout (RAL 9002 / RAL 5012 JSW	JSW / JSWBPSL
6	GI coil (for Purlin)	ArcelorMittal Nippon Steel India Ltd. (AMNS erstwhile Essar Steel) / JSW
7	HR Coil (for Purlin)	ArcelorMittal Nippon Steel India Ltd.(AMNS erstwhile Essar Steel) / JSW / TATA Steel
8	Deck sheeting	ArcelorMittal Nippon Steel India Ltd.(AMNS erstwhile Essar Steel) / JSW / TATA Steel / Uttam Value
9	Hot Rolled Section-Angle	Ambica / Khandelwal Steel / Vandana / Varsana
10	Hot Rolled Section-Channel	Ambica / Khandelwal Steel / Vandana / Varsana
11	Hot Rolled Section-Round Bar	Ambica / Khandelwal / Devasya / JSW / RINL / SAIL
12	Hot Rolled Section-ISMB	SAIL / JSPL / Varsana
13	Hot Rolled Section-UB / UC	SAIL / JSPL / Varsana
14	Hot Rolled Section-CHS/SHS/RHS	Asian / Apollo / Bhushan Steel & power
15	Paint	Asian / Berger / Ramdev/ Kroma
16	GI Sheet	ArcelorMittal Nippon Steel India Ltd.(AMNS erstwhile Essar Steel) / JSW / TATA Steel
17	Stitch Screw / SDTS	Ejot / Atul Fastener / Corroshield/KP
18	Fasteners Gr 8.8/4.6	Souvenir/ Forex / Nexo / Panchsheel/ Karamtara / Pooja Forge / Shree Chamunda
19	2mm Polycarbonate (0.5m/1.0m strip)	Tuflight/Palram
20	2mm FRP (1m wide)	Jayraj Composite Industry / Everest Fibre
21	Ridge Vent (300mm dia)	's Design
22	Insulations (fibre glass)	UP Twiga Fiberglass / Owens Corning
23	Bubble insulation / Foam Insulation	Aerolam / Divine / Goldcoin
24	Rock wool Insulation	Roxul Rockwool India / Rockwool Insulation/ Shriram Equiptech / Thermocare Rockwool / Polybond
25	Sealants / Rope-sealant (Mastic/Butyl Tape)	Sealent tube- DOW Corning / McCons / Astral , Mastic - Anabond / Bright Polymer / Osaka
26	UPVC-Grey	Dutron / Astral / Prince in Grey Color (any other color / Make shall attract extra cost, leadtime& MOQ as applicable)
27	Welding Consumables	ADOR / GEE / Lincoln / Uniweld / Metafil

Note: Client approval required for minimum 3 vendor make wherever available from approved vendor basket as above Any other required make shall attract additional cost with lead time other than specified in Vendor list.

FORCE MAJEURE: Force Majeure is herein defined as any cause, which is beyond the control of the contractor or Client / Consultant, as the case may be, and which either party could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially hinders the performance of the contract and will include:

- a) Natural phenomena including but not limited to floods, droughts, earthquakes and epidemics.
- b) Acts of any Government, domestic or foreign, including but not limited to war, declared or undeclared, quarantines.
- c) Riots, civil commotion, acts of terrorism, arson, civil disorder, national strikes (other than those attributable to the contractor, its employees or sub-vendors and Neither the Purchaser nor the contractor shall be considered in default or in contractual breach to the extent that performance of obligations is prevented by a Force Majeure event, which arises after the PO date.

Upon occurrence of such an event considered by the contractor or the purchaser to constitute Force Majeure and which may affect performance of either party's obligations, the affected party shall promptly (not later than 7 days upon occurrence of such event) notify (supported by certification from relevant authorities about the existence of the Force Majeure event) the other party and shall endeavor to continue to perform its obligations as far as reasonably practicable.

The contractor shall also notify to the purchaser and / or the Purchaser to the contractor of any proposals, including any reasonable alternative means for performance but such proposals shall be affected only with the consent of the Purchaser.

As soon as it is apparent that the PO delivery dates cannot be adhered to, an application for extension of time with sufficient reasons shall be made by the contractor to the purchaser not later than 7 days of expiry of the Force Majeure event. The date of completion will be extended by a time period subjected to the contractor being able to present proper documentary evidence in support of his request. However, the contractor shall not be entitled to any increase in the price or in statutory levies that may arise during such extended delivery period.

If In case of continuation of force majeure for more than 90 days, the contractor and the Purchaser, shall attempt to reach an agreement on the modalities for execution of the PO. In case both the parties are not able to reach an agreement within further 30 days, then both parties have the right to terminate the PO for the portion of work affected by the Force Majeure.

In the event of termination of the PO, neither party shall be liable to the other for any expenditure incurred in execution of the PO. However, if the PO is cancelled in part, the purchaser shall be liable to pay only to such portion of the PO which has not been terminated.

1. PERMITS:

- a. DCC: Client should give Delivery Clearance Certificate on time to achieve the time line / completion of project. The delay in DCC shall be considered for timeline extensions.
- b. Road Permits: BUYER shall be responsible or liable to provide necessary permits on time to the Seller for transport (Road permits), erect or install any product. Any delays arising shall be to the account of the buyer. The necessary site clearance from the legal authority for erection of building and unloading of dispatched material as site shall be in the scope of BUYER

2. INSPECTION OF PRODUCT:

- a. Raw Material Inspection: BUYER agrees to inspect upon arrival of all articles shipped. Claims for shortages or defective material, if not packaged, must be made in writing to the SELLERs local Sales

Office within five days after receipt of the shipment, and if packaged within 30 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 refused and finally dismissed.

- b. Before Dispatch: finished good material's inspection should be done by BUYER or his representative or his Third Party on readiness of material but before dispatch.
3. Delivery to be accepted by client within 2-3 weeks from the date of intimation of shipment and or dispatch of material kept on hold by BUYER, even after the DCC, the material ready to dispatch if required any touchup or repainting to be done on structure shall be borne by BUYER.
4. Structure Stability: Bidder shall offer structure stability certificate for its designed offering for a period of 20 years from the date of erection completion, the same shall be issued by M/s. Building Systems Pvt. Ltd. and shall be effective from the date of receipt of completion certificate and commercial clearances whichever is later.
5. SCOPE OF AGREEMENT: It is further understood that this Agreement is the only Agreement express or implied, either verbal or in writing, in connection with this sale.
6. GOVERNING LAWS: This agreement shall be construed and enforced in accordance with and under the laws of the Government of India.
7. PERMITS & SITE ISSUES, LOCAL ISSUES
SELLER shall not be responsible or liable for the obtaining of permits to erect or install any product COMPANY will not be responsible for issues due to locality, theft of material or any kind of unsocial element. Client will have to provide solutions from his end to ensure smooth and safe working to COMPANY team at site.
8. IDEAL LABOUR CHARGES: During Project Execution at site, in case our team will be idle for more than 1 Week due to unavailable of civil front/ any other reasons other than PEB work, Re-mobilization amount will be applicable, as per mutual discussion.
9. ASSUMPTION MADE FOR ERECTION COST
Following assumptions are made while offering erection cost unless specified otherwise in this offer
 - a. 100% anchor bolt shall be ready before start of erection with 7 days curing time, unless otherwise agreed.
 - b. Back filled compacted surface shall be provided by buyer before start of erection. Compaction quality should be enough for safe and stable hydra movement.
 - c. Clear and leveled floor all around the building (minimum 2 m all around the building) shall be provided by buyer before start of wall cladding.
 - d. Brick wall shall be ready with plaster before start of wall cladding.
 - e. Once erection work starts this will not stop due to any non-clearance at site f. Compacted leveled surface and enough area shall be provided by buyer for unloading of material g. Electricity and water shall be provided by client near to site (20-30 m) from plinth. h. Our standard erection methodology, HSE policy, safety policy considered for offered price.
10. GENERAL CONSIDERATION:
 - a. COMPANY proposal pertains only to the pre-engineered metal building materials (sometimes referred to as "products") specified herein. Other materials and services are not included unless specifically indicated otherwise. COMPANY approval drawings shall consist of anchor bolt layouts and reactions, floor plan layout, typical frame cross sections, elevations, member sizes, and related design calculations. If COMPANY is required to change the design based on other parties' details, design practice, special requirements, change in scope & specifications, COMPANY may revise the price and delivery schedule accordingly.

- b. COMPANY is responsible for the design of the anchor bolt diameter, location and projection of all anchor bolts for the metal building portion of the project. COMPANY will furnish an anchor bolt layout drawing(s) including bolt diameter, projection, location, and spacing of all structural anchor bolts and the magnitude and direction of column reactions. It is the responsibility of buyer or it's Consultants, civil contractor to ensure that adequate provisions are made for specifying bolt embedment, bearing angles, tie rods and other associated items embedded in the concrete foundation as well as the foundation design.
 - c. Purchaser shall choose sheeting color from the standard color options available with COMPANY. COMPANY can supply special colors only for minimum quantity of 4000 m2 of one color. Supply of special color shall be agreed in writing prior to order, if client want some special sheeting colors. Client will confirm sheeting & structure color minimum 6 weeks before supply or with GA drawing or whichever is earlier. Structure Color approval must be given by buyer with GA drawings approval
 - d. Quality of work and tolerances shall be governed by the respective codes mentioned or not mentioned in this offer. In case of absence of clear guidance in the code the prevailing engineering practices of PEB industry shall govern the definition of subject line. Perception of individual shall not be entertained for definition of quality and tolerances.
 - e. Erection price given in this offer is assuming COMPANY engineer shall periodically supervise pre and post anchor bolt casting. No permanent engineer considered for this work.
 - f. Secondary members like flange brace and sag roads shall be formed from 120 GSM materials only irrespective of the specification of galvanization of main secondary members like purlins and girts. Girts & Purlins may be 120, 180 or 275 GSM but sag angles and flange brace shall be 120 mm GSM only. If client has any reservation on this point same have to conveyed before placement of order only.
11. **ARBITRATION:** Both parties agree that in case of any difference or dispute arising between the SELLER and the BUYER will be resolved by mutual discussions and agreement. However, unresolved issues, if any, will be settled by arbitration as per the latest Indian Arbitration and Conciliation Act, and the venue of the arbitration will be Ahmedabad.

➤ **Bill of Quantities (BOQ):**

FINANCIAL QUOTE REFEREMCE FOR MANUFACTURING UNIT		
SR. NO.	ITEM DESCRIPTION	UNIT
(A)	PRIMARY STRUCTURE	
1	Steel structure - Framing/Portal	MT
2	Cold formed Sections	MT
3	Utility Tray Bracket & Runners	MT
4	Stairs, Railings	MT
5	Cage Ladder	MT
6	Mezzanine Structure	MT
7	Rolling Shutter Supporting Structure	MT
8	Roof Monitor	MT
9	(2 mm thick GI Gutter)	MT
	SUBTOTAL (A)	
(B)	SHEETING AND ACCESSORIES	

10	Roof Sheets-SSR	MT
11	Cladding Sheet - HI-RIB	MT
12	Flashing & Trims	MT
13	Downspouts (26 gauge pre color coated galvanized plain sheet)	MT
	SUBTOTAL (B)	
	TOTAL WEIGHT OF STRUCTURE (A) + (B) =	MT
(C)	OTHER ITEMS	
14	2 mm Polycarbonate Sheets	Sq.mtr
15	Louvers	Sq.mtr
16	50 mm thick WMP-50 FACED GLASS WOOL INSULATION with Aluminium Foil support over 16 Gauge GI wire mesh at bottom having density of insulation	Sq.mtr
17	Life line	Rmt
18	Deck sheet only at mezzanine Structure	Sq.mtr
18	Openings for Ducts & Cows	Sq.mtr
19	Bird mesh/Weldmesh	Sq.mtr
20	Framing & water tight sealing for cut-outs / opening closing for ducts or other Services	No.
	SUBTOTAL (C)	Rs.
(D)	ERECTION	
21	Cost of Erection and Commissioning work	Rs.
	SUBTOTAL (D)	
(E)	TAXES AND DUTIES	
22	GST on Supply	Rs.
23	GST on Erection	Rs.
	SUBTOTAL (E)	Rs.

QUANTITIES BIFURCATION		
SR.NO.	QUANTITIES TO BE MENTIONED	UNIT
1	Roofing sheets	Sq.mtr
2	Cladding sheets	Sq.mtr
3	Facia	Sq.mtr
4	Insulation for roof	Sq.mtr
5	Railing	Rmt.

6	Skylight	Sq.mtr
7	Louvers	Sq.mtr
8	Life Line	Rmt.
9	Deck sheet at mezzanine Structure @ 5.450 level	Sq.mtr
10	Deck sheet at mezzanine Structure @ 11.350 level	Sq.mtr
11	Shear stud at mezzanine Structure @ 5.450 level	No.
12	Shear stud at mezzanine Structure @ 11.350 level	No.
13	Cage ladders access to roof	Rmt.
14	Downspouts	Rmt.

Envelope –II (Financial bid):

The Duly filled and signed copy of the FINANCIAL STATEMENT as prescribed for each item section wise to be submit in Separate Envelope

Price bid for Pre Engineered Building (PEB)

FINANCIAL SUMMARY	
TOTAL COST OF SUPPLY AND ERECTION (WITHOUT GST) ...	
TOTAL AREA IN SQM ...	
COST PER SQM ...	
KG PER SQM ...	
RUPEES PER KG ...	

Terms & Conditions:-

- **GST & Labour Cess :-** Quoted rates are exclusive of GST and Labour Cess, which will be charged extra as per the actual government norms.
- **Site Facilities :-** Specify your terms
- **Penalty Clause :** If there is any delay against decided milestone, penalty clause will be applicable as mutually decided during milestone discussions.

Price & payment terms:

Formula for computation: Amount Payable = (X- 5%of X), deduction in amount=Nil. In case of (X- 6% of X), deduction shall be on 1%of X. Herein X: denotes shipped weight of material namely steel.

Taxes & duties:

1. 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.
2. Taxes / Local levy if any shall be borne by the buyer at actual.
3. TDS shall be charged extra on Sale Value of Goods (Inclusive GST) 0.10%, if the value or aggregate value of sale to buyer during the financial year exceeds Rs.50 Lacs., and thereof separate debit note will be given by company for collection of tax amount.
4. The aforementioned supply cost constitutes - Freight and Transit Insurance from our Kheda Works to site.
5. We shall require separate purchase order for supply value and separate work order for erection Value.

Payment Terms for Supply & Erection:**For Supply of Material**

- 10% Advance Along with PO
- 10% on Approval of AB and GA drawings

- 70% Within 15 working days of Material Bill submission subject to Material Validation by CKRpet Site in charge
- 5% On Completion and Project Handover
- 5% After First Monsoon Completion (for Leakage test) Vendor will have to do repairing work if there is any leakage in PEB

For Erection

- 10% on Manpower Mobilization
- 40% After Completion of Super Structure
- 30% After Completion of Roof Sheetting
- 10% After completion and Handover of project
- 10% After First Monsoon completion (for Leakage test) Vendor will have to do repairing work if there is any leakage in PEB

CIVIL WORK : Construction of Plant Building

➤ **Eligibility Criteria**

Sr. No.	Contents	Referring Page No
1	Certificate issued by the Registrar of firms / companies or an affidavit in case of firm is under Proprietorship duly stamp and signed	
2	Work Completion Certificate/work order for more than 50000 Sq Ft area or 5 CR value of one project. - Copy of similar works experience certificates or work completion certificates completed during last 7 years issued by the reputed organizations, Govt. of India Offices / state Government organizations / PSUs.	
3	PAN Card	
4	GST Registration Certificate	
5	Average annual turnover of last 3 years : 2.50 crore - Certificate in respect of average annual financial turnover issued by the Chartered Accountant (However newly constituted entity can be exempted)	
6	IT returns with audited balance sheet, profit and loss account for the last three proceeding financial year duly stamp and signed (However newly constituted entity can be exempted)	
7	Non Blacklisting Declaration (As per format given in this tender document)	
8	Scan copy of each page of Tender Document duly signed and stamped	
9	Additional necessary Document if any	

Submit prominent and appropriate all supporting documents whenever required.

➤ **SCOPE OF WORK**

Approx 1,90,000 sq ft work approved for total construction.

➤ **Technical Specifications**

○ **Bill of Quantities :**

Item No.	Item Description	Unit	Special Remark
1	EXCAVATION FOR FOOTING	CFT	Completed
2	GSB FOR FOOTING	CFT	Completed
3	P.C.C. FOR FOOTING	CFT	Completed
4	RCC FOOTING WITH SHUTTERING	CFT	Completed
5	R.C.C FOR COLUMN UPTO BASE PLATE BOTTOM	CFT	Completed
6	RCC FOR PLINTH BEAM	CFT	Completed
7	RCC COPPING ABOVE PLINTH	CFT	
8	RCC FOR FLOTING COLUMN	CFT	
9	RCC FOR LINTEL BEAM	CFT	
10	4" RCC FOR CHAJJAS	SFT	
11	8" GSB FOR FLOORING	SFT	
12	3" THICK P.C.C. FOR FLOORING	SFT	
13	6" THICK CONCRET FOR FLOORING	SFT	
14	REINFORCEMENT STEEL WORK	KG	
15	2" GROUTING BELOW BASE PLATE	SFT	Completed
16	230MM THICK BRICK MASONARY ABOVE PLINTH & BELOW PLINTH	SFT	
17	EXTERNAL PLASTER	SFT	
18	GREINITE FIXING WITH MATERIAL	SFT	
19	THREE TRACK WINDOW	SFT	
20	M.S GRILL FOR WINDOW	SFT	
21	FOUNDATION BOLT FIXING	NOS	Completed
22	EXTERNAL PAINTING	SFT	
23	TOILET BLOCK INSIDE (Excluding Plumbing & Tiling work)	SFT	
24	SEPTY TANK & SOACKPIT 50,000 Liter (Excluding Plumbing work)	LS	

Envelope –II (Financial bid):

The Duly filled and Signed copy of the FINANCIAL STATEMENT as prescribed for each item section wise to be submit in Separate Envelope

Price bid for CIVIL WORK : Construction of Plant Building

Item No.	Item Description	Unit	Special Remark *
1	EXCAVATION FOR FOOTING	CFT	Completed
2	GSB FOR FOOTING	CFT	Completed
3	P.C.C. FOR FOOTING	CFT	Completed
4	RCC FOOTING WITH SHUTTERING	CFT	Completed
5	R.C.C FOR COLUMN UPTO BASE PLATE BOTTOM	CFT	Completed
6	RCC FOR PLINTH BEAM	CFT	Completed
7	RCC COPPING ABOVE PLINTH	CFT	
8	RCC FOR FLOTING COLUMN	CFT	
9	RCC FOR LINTEL BEAM	CFT	
10	4" RCC FOR CHAJJAS	SFT	
11	8" GSB FOR FLOORING	SFT	
12	3" THICK P.C.C. FOR FLOORING	SFT	
13	6" THICK CONCRET FOR FLOORING	SFT	
14	REINFORCEMENT STEEL WORK	KG	
15	2" GROUTING BELOW BASE PLATE	SFT	Completed
16	230MM THICK BRICK MASONARY ABOVE PLINTH & BELOW PLINTH	SFT	
17	EXTERNAL PLASTER	SFT	
18	GREINITE FIXING WITH MATERIAL	SFT	
19	THREE TRACK WINDOW	SFT	
20	M.S GRILL FOR WINDOW	SFT	
21	FOUNDATION BOLT FIXING	NOS	Completed
22	EXTERNAL PAINTING	SFT	
23	TOILET BLOCK INSIDE (Excluding Plumbing & Tiling work)	SFT	
24	SEPTY TANK & SOACKPIT 50,000 Liter (Excluding Plumbing work)	LS	

*** Completed work must be excluded from the offering price by bidder.**

RATE PER SQ.FT : _____

Rupees in Words :

Note :

- 1) Soil/Murum filling in client scope.
- 2) Floor Finishing with Trimix, Hardner spreading, LDPE Sheet laying & Groove cutting & Filling in client scope.
- 3) Plot development activities like cutting, filling & levelling in client scope.

Terms & Conditions:-

- **GST & Labour Cess :-** Quoted rates are exclusive of GST and Labour Cess, which will be charged extra as per the actual government norms.
- **Site Facilities :-** Specify your terms
- **Penalty Clause :** If there is any delay against decided milestone, penalty clause will be applicable as mutually decided during milestone discussions.

CIVIL Payment Terms :

- 5% Adv Along with PO
- 5% After Manpower Mobilization
- 80% within 15 days from the date of RA Bills submission (Subject to Architect Validation and Approval)
- 5% After Completion and Handover of the project
- 5% Within 45 days from the date of Handover (Retention Amt if there is any deficiency or fault in construction work)

CIVIL WORK : Construction of Road

➤ **Eligibility Criteria**

Sr. No.	Contents	Referring Page No
1	Certificate issued by the Registrar of firms / companies or an affidavit in case of firm is under Proprietorship duly stamp and signed	
2	Work Completion Certificate/work order for more than 50000 Sq Ft area or 5 CR value of one project. - Copy of similar works experience certificates or work completion certificates completed during last 7 years issued by the reputed organizations, Govt. of India Offices / state Government organizations / PSUs.	
3	PAN Card	
4	GST Registration Certificate	
5	Average annual turnover of last 3 years : 2.50 crore - Certificate in respect of average annual financial turnover issued by the Chartered Accountant (However newly constituted entity can be exempted)	
6	IT returns with audited balance sheet, profit and loss account for the last three proceeding financial year duly stamp and signed (However newly constituted entity can be exempted)	
7	Non Blacklisting Declaration (As per format given in this tender document)	
8	Scan copy of each page of Tender Document duly signed and stamped	
9	Additional necessary Document if any	

Submit prominent and appropriate all supporting documents whenever required.

➤ **SCOPE OF WORK**

Total Road Area -4437 Sq. Mtr to be constructed as per following Technical Specifications.

➤ **Technical Specifications**

○ **Bill of Quantities :**

	Description	Size in MM
Layer 1	GSB	230
Layer 2	PCC	100
Layer 3	RCC	180
Layer 4	TMT BAR	8

Envelope –II (Financial bid):

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Price bid for CIVIL WORK : Construction of Road

	Description	Size in MM
Layer 1	GSB	230
Layer 2	PCC	100
Layer 3	RCC	180
Layer 4	TMT BAR	8

RATE PER SQ.FT : _____

Rupees in Words :

Terms & Conditions:-

- **GST & Labour Cess** :- Quoted rates are exclusive of GST and Labour Cess, which will be charged extra as per the actual government norms.
- **Site Facilities** :- Specify your terms
- **Penalty Clause** : If there is any delay against decided milestone, penalty clause will be applicable as mutually decided during milestone discussions.

CIVIL Payment Terms :

- 5% Adv Along with PO
- 5% After Manpower Mobilization
- 80% within 15 days from the date of RA Bills submission (Subject to Architect Validation and Approval)
- 5% After Completion and Handover of the project
- 5% Within 45 days from the date of Handover (Retention Amt if there is any deficiency or fault in construction work)