

TECHNICAL CONDITIONS OF CONTRACT (TCC)

Framework Agreement for Supply of Permanently Colour Coated Metal Sheet Decking Plate, Permanently Colour Coated Metal Cladding Sheet and Factory made Prefabricated Sandwiched Permanently Colour Coated Metal Cladding Sheet for the following project sites:

- 2X800 MW NTPC Lara Super Thermal Power Station
- 2X800 MW NTPC Singrauli Super Thermal Power Plant, Stage-III
- 2X800 MW DVC Koderma Super Thermal Power Plant

Tender No. BHEL/CPC/FA/Deck_Cladding Sheet/27/026



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Chapter - I: PROJECT INFORMATION

1.1	INTRODUCTION:
1.1.1	<p>BHEL is intended to finalize a Framework Agreement for “Supply of Permanently Colour Coated Metal Sheet Decking Plate, Permanently Colour Coated Metal Cladding Sheet and Factory made Prefabricated Sandwiched Permanently Colour Coated Metal Cladding Sheet” as per Technical Specification of tender for various BHEL project sites.</p> <p>The project sites are envisaged are as follows:</p> <ol style="list-style-type: none">1. 2X800 MW NTPC Lara Super Thermal Power Station2. 2X800 MW NTPC Singrauli Super Thermal Power Plant, Stage-III3. 2X800 MW DVC Koderma Super Thermal Power Plant <p>However, the above supplies may also be utilized in any other project site under execution by BHEL or may be executed by BHEL within India, in near future within the original & extended Framework Agreement period.</p>
1.1.2	<p>The information given herein is for general guidance and shall not be contractually binding on BHEL/Owner. All relevant site data /information as may be necessary shall have to be obtained /collected by the Bidder.</p>

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2.0	Scope of Works:			
2.1	<p>Framework Agreement for Supply of Permanently Colour Coated Metal Sheet Decking Plate, Permanently Colour Coated Metal Cladding Sheet and Factory made Prefabricated Sandwiched Permanently Colour Coated Metal Cladding Sheet as per BOQ Cum Rate Schedule for the following project sites.</p> <ol style="list-style-type: none"> 1. 2X800 MW NTPC Lara Super Thermal Power Station 2. 2X800 MW NTPC Singrauli Super Thermal Power Plant, Stage-III 3. 2X800 MW DVC Koderma Super Thermal Power Plant 			
2.1.1	Metal Deck Sheet:			
	Item No.	Item Description	Unit	Quantity
	A1502	<p>METAL DECK SHEET Type-I, supplying permanently colour coated galvanised MS troughed metal sheet decking plate of approved colour over roof purlins for cast-in-situ roof slab as per relevant IS code and Grade as per specification. Bare metal thickness(BMT) of deck plate shall be minimum 0.8mm with minimum trough depth of 44mm (or as per design whoever is higher) of grade G250 as per AS1397/grade SS255 as per ASTM A653M/ grade S250GD as per EN 10326 with zinc coating to class Z275 and shall serve as permanent shuttering to the roof slab 40mm - 100mm thick measured over crest of metal decking & shall have adequate strength to support weight of green concrete and imposed loads of min 100 kg/sqm (for two span condition) during construction between beams as per manufacturer's recommendations/ calculations/ test certificates for approval including fixing of plates to beams, side lapping, end lapping etc. all complete for below mentioned spans. The sheet shall be permanently coated with silicon modified polyester (SMP silicon content 30%-50%) paint or super polyester paint of minimum 20-micron DFT on exposed surface (facing operating floor) over primer coat of minimum 5-micron(nominal) and minimum 10-micron (nominal) SMP or super polyester paint over primer coat of minimum 5 micron (nominal) on other face. SMP and polyester paint system shall be of industrial finish of product type 4 of AS/NZ2728</p>		
	a	Span up to 1800mm	MT	240

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	B1502	<p>METAL DECK SHEET Type-II, supplying permanently colour coated galvanised MS troughed metal sheet decking plate of approved colour over roof purlins for cast-in-situ roof slab as per relevant IS code and Grade as per specification. Bare metal thickness (BMT) of deck plate shall be minimum 0.8mm with minimum trough depth of 44 mm (or as per design whoever is higher) of grade G250 as per AS1397/grade SS255 as per ASTM A653M/ grade S250GD as per EN 10326 with zinc coating to class Z275 and shall serve as permanent shuttering to the floor slab 150 mm thick measured over crest of metal decking & shall have adequate strength to support weight of green concrete and imposed loads of min 100 kg/sqm (for two span condition) during construction between beams as per manufacturer's recommendations/ calculations/ test certificates for approval including fixing of plates to beams, side lapping, end lapping etc. all complete for below mentioned spans. The sheet shall be permanently coated with silicon modified polyester (SMP silicon content 30%-50%) paint or super polyester paint of minimum 20-micron DFT on exposed surface (facing operating floor) over primer coat of minimum 5-micron(nominal) and minimum 10-micron (nominal) SMP or super polyester paint over primer coat of minimum 5 micron (nominal) on other face. SMP and polyester paint system shall be of industrial finish of product type 4 of AS/NZ2728.</p>		
	a	Span up to 1800mm	MT	777
	b	Span exceeding 1800mm and up to 2500 mm	MT	212
2.1.2	Metal Cladding Sheet:			
	Item No.	Item Description	Unit	Quantity
	A1505	<p>Supplying External/ Inner sheet of Permanent colour coated metal cladding with troughed M.S. sheets of minimum 0.5 mm bare metal thickness of min. grade G350 as per AS1397/grade SS340 class 4 or as per ASTM A792M/ grade S350 GD as per EN 10326 with zinc coating to class Z275 / aluminium zinc alloy coating to class AZ150 on both sides. The exposed face the sheet shall be permanently coated with silicon modified polyester (SMP silicon content 30%-50%) paint or super polyester</p>	MT	1494

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		paint of minimum 20-micron DFT on exposed surface over primer coat of minimum 5 micron and minimum 10-micron SMP or super polyester paint over primer coat of minimum 5 micron on other face. SMP and polyester paint system shall be of industrial finish of product type 4 of AS/NZ2728.		
2.1.3	Factory made Prefabricated Sandwiched Metal Cladding Sheet:			
	Item No.	Item Description	Unit	Quantity
	A1519	Supplying Factory made (Continuous Line) prefabricated sandwiched Permanent colour coated metal cladding comprising top sheets as troughed (minimum depth of trough shall be 30 mm) permanently colour coated sheet & bottom sheet as plain permanently colour coated for covering of exposed metal/concrete / brick surfaces with insulation shall be of Polyurethane type of minimum 50mm thick (excluding trough). The polyurethane shall be Chlorofluorocarbon (CFC) free and self-extinguishing and shall conform to IS 12436: 1988. It shall have Modular Density 40 +/- 2 Kg/m ³ and Thermal Conductivity @ 10 Deg.C 0.017 - 0.020 W/M Ok, Water absorption (% by vol) 3.1, Critical Oxygen Index 23 and Compressive Strength 1.2 Kg/sq.cm, sandwiched between the two sheets, each sheet shall be high strength tensile steel sheet 0.5mm bare metal thickness (minimum) of YS350 as per IS 15961 /grade G350 as per AS1397 / grade SS340 class 4 as per ASTM A792M / grade S350GD as per EN 10326 with zinc coating to class Z 275 / aluminium-zinc alloy coating to class AZ150 on both sides, both sheet shall be permanently coated with silicon modified polyester (SMP with silicon content of 30% to 50%) paint of minimum 20 micron DFT on exposed surface on 5 microns (min.) epoxy primer/phosphate primer coat and 10 micron (min.) SMP on 5 micron (min.) epoxy primer/phosphate primer on other face, SMP paint system shall be of industrial finish of product type 4 of AS/NZS 2728, troughed sheet shall be of approved profile, sectional properties, (suitable for the specified loading / deflection and purlins / runner spacing), colour and shade. Coated surface shall be provided with a protected guard film (polyethylene) of about 40 microns to avoid any damage to the coating during handling. Overlap	MT	464

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	shall be min. 100 mm or as specified by manufacturer.		
	<p>Note:</p> <p><i>The applicability of protective guard film (transparent organic film of thickness of 40 microns) on the colour coated decking /roofing/cladding sheet shall be as per following:</i></p> <p><i>The application of protective guard film (transparent organic film of thickness of 40 microns) on the top face (i.e. the external surface of the sheet) of the colour coated decking /roofing/cladding sheet be provided at Coil manufacturer's place and on the other side i.e. bottom / internal surface of the sheet the protective guard film be provided at profiler works.</i></p> <p><i>In case, any coil manufacturer's is having the facility for providing guard film on both the sides of the sheet then the application of protective guard film (transparent organic film of thickness of 40 microns) on both the faces (i.e. the external & internal surface of the sheet) of the colour coated decking /roofing/cladding sheet is to be done at coil manufacturer's place.</i></p>		
2.1.4	Modality of Award:		
2.1.4.1	The scope consists of Three (03) Items viz. Item-1: Metal Deck Sheet (Sl. No. 2.1.1), Item-2: Metal Cladding Sheet (Sl. No. 2.1.2) and Item-3: Factory made Prefabricated Sandwiched Metal Cladding Sheet (Sl. No. 2.1.3)		
2.1.4.2	<p>Bidders to quote total price on F.O.R. Basis (excluding GST) for Item-1, Item-2 and Item-3 separately.</p> <p>Bidder may quote for each item or any combination of items. Bidder to declare the same as per Annexure-1 in their techno-commercial (Part-I) offer.</p>		
2.1.4.3	Price bids of qualified bidders shall be evaluated separately for Item-1, Item-2 and Item-3 and based on their order of price competitiveness, L1 bidder shall be decided for Item-1, Item-2 and Item-3 separately.		
2.1.4.4	Total quantity for each item shall be splitted in the Ratio of 50%: 30%: 20% and shall be awarded as per clause 2.1.4.5. Further, splitting shall not be possible.		
2.1.4.5	<p>Case-I: In case, L1 bidder happens to be MSE:</p> <p>a) L1 bidder shall be awarded to 50% of total quantity for each item at finalized L1 rates.</p> <p>b) For the award of “30% of total quantity for each item” and “20% of total quantity for each item: Finalized L1 rates shall be counter offered to the other bidders in the order of respective Price Competitiveness (i.e. L2, L3 and henceforth). The preference shall be given to the bidders in order of their price status (i.e. L2 will be given first preference for acceptance of L1 rates, then L3 and onwards). The first bidder accepting the L1 rates, shall be considered for</p>		

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awarding of **“30% of total quantity for each item”**. Further, subsequent bidder in the order of price competitiveness accepting the L1 rates shall be considered for awarding of **“20% of total quantity for each item”**.

- c) If number of qualified responses (N) are three or more, the distribution shall be limited to (N-1) qualified responses (upper limit of distribution shall be three). Distribution in case of two qualified bidders shall be at BHEL’s discretion.
- d) In case this rate contract is entered with two agencies only, due to numbers of qualified bidders or bidders not accepting L-1 rates then, BHEL reserves the right to award the quantities of **“20% of total quantity for each item”** equally between the two agencies getting the job at its sole discretion. Thus, the ratio shall become 60:40.
- e) In case, none of the bidders agrees to match the finalized L1 rates, then ‘BHEL reserves the right to award **“30% of total quantity for each item”** & **“20% of total quantity for each item”** to L1 Bidder at its sole discretion’ based on criteria/(s) like capacity of the L1 bidder, etc.

Case-II: In case, L1 bidder happens to be Non-MSE:

- f) L1 bidder shall be awarded to 50% of total quantity for each item at finalized L1 rates.
- g) For the award of next **“30% of total quantity for each item”**: Purchase preference shall be given to MSE-MII bidders in order of their price competitiveness for the **“30% of total quantity for each item”** in line with Office Order No. F.No. DPE/3(3)/10-Fin dated 29.05.2023 forwarded by Department of Public Enterprises against Department of Expenditure O M No. F.1/4/2021-PPD dated 18.05.2023. In case of subsequent orders issued by the nodal ministry, changing the definition of MSE, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against this NIT.
- h) In case none of the MSE-MII bidders, falling within 15% margin of purchase preference, accepts to match the L1 rate, the **“30% of total quantity for each item”** shall be counter offered to the next bidder in order of their price competitiveness (L2, L3, L4 and henceforth) at L1 price.
- i) In case none of the MSE-MII bidders falls within 15% margin of purchase preference, the **“30% of total quantity for each item”** shall be counter offered to bidders in the order of price competitiveness.
- j) The bidder accepting the L1 rates shall be considered for awarding of **“30% of total quantity for each item”**.
- k) For the award of next **“20% of total quantity for each item”**: The **“20% of total quantity for each item”** shall be counter offered to next bidders in the order of price competitiveness. The bidder accepting the L1 rates shall be considered for awarding of **“20% of total quantity for each item”**.

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	<p>l) If number of qualified responses (N) are three or more, the distribution shall be limited to (N-1) qualified responses (upper limit of distribution shall be three). Distribution in case of two qualified bidders shall be at BHEL's discretion.</p> <p>m) In case this rate contract is entered with two agencies only, due to numbers of qualified bidders or bidders not accepting L-1 rates then, BHEL reserves the right to award the quantities of "20% of total quantity for each item" equally between the two agencies getting the job at its sole discretion. Thus, the ratio shall become 60:40 between "50% of total quantity for each item" and "30% of total quantity for each item".</p> <p>n) In case, none of the bidders agrees to match the finalized L-1 rates, then 'BHEL reserves the right to award "30% of total quantity for each item" & "20% of total quantity for each item" to L-1 Bidder at its sole discretion' based on criteria/(s) like capacity of the L-1 bidder, etc.</p>
2.2	Brief Scope of work is as follows:
2.2.1	The scope shall include detailed design as per the requirement mentioned in the BOQ Cum Rate Schedule and as per scope drawing.
2.2.2	Preparation and submission of general arrangement and detailed working drawings for the proposed design, together with all calculations necessary to verify the adequacy and completeness of the design & detailing of sheets with cutting plan, fixtures, flashings and trims to BHEL/Customer for approval.
2.2.3	Preparation of the BOQ consists of the mark no., quantity (Sqm & weight wise) of the sheets for any individual structural building.
2.2.4	Preparation and submission of MQP to BHEL/customer for approval. Supplier has to make the necessary changes in the MQP as per BHEL/customer recommendations.
2.2.5	Arranging the inspection of the colour coated coil at coil manufacturer's/ Supplier's factory and related testing of the coil (chemical & mechanical testing including the Salt spray test) (Pls refer the attached Sample MQP for applicable tests).
2.2.6	Profiling of the sheets shall be commenced as per approved MQP only after obtaining approval of general arrangement, detailed working drawings and colour coated coil at manufacturer's/ Supplier's factory from BHEL/Customer.
2.2.7	Supply of the Sheets shall be commenced to the respective sites as per issued Sub PO only after obtaining approval from BHEL/Customer.
2.2.8	BHEL will reserve the right to inspect/test the material during/after manufacturing at suppliers' works, and/or at BHEL Site. In case of rejection at any stage, supplier shall be liable to replace the materials at his own cost.
2.2.9	When the tests have been satisfactorily completed at the vendor's works, the Inspection Agency shall issue a certificate to that effect within Seven (07) days after completion of tests, but if the tests were not witnessed by the Inspection Agency or his representative, the certificate would be issued within Seven (07) days of the receipt of the test

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	<p>certificates by the Inspection Agency.</p> <p>No material shall be dispatched by supplier unless and until Material Dispatch Clearance Certificate (MDCC) issued by BHEL/Site.</p> <p>BHEL shall issue MRC (duly signed by the BHEL/Customer Site Engineer) after receipt of the material and its physical verification at site generally within Seven (07) days. Vendor shall take alternate action in case of any non-conformity observed during physical verification.</p>
2.3	<p>Colour Coated Coil shall be procured from any one of the Manufacturers cited below:</p> <ul style="list-style-type: none"> (i) Tata Steel BSL Ltd., Raigad & Sahibabad (ii) Tata Bluescope Steel Ltd., Jamshedpur (iii) Essar Steel Ltd., Pune {Took over by ArcelorMittal Nippon Steel (AM/NS)} (iv) National Steel & Agro Industries Ltd, Dhar (v) JSW Steel Coated Products Ltd, Kalmeshwar (Nagpur) (vi) JSW Ltd., Thane (vii) Bhushan Power & Steel Ltd., Sambalpur (Odisha) (viii) APL Apollo Building Products Private Limited, Baloda Bazar (Chattisgarh) (ix) Jindal India Limited, Howrah (West Bengal)
2.3.1	<p>If the bidder wishes to procure other than the above-mentioned Manufacturers, then the bidder shall inform BHEL in their Technical Offer duly filled Annexure-4 and Annexure-5 (Attached). Acceptance of those sources solely lies with BHEL/BHEL's Customer.</p>
2.3.2	<p>If the bidder wishes to procure Hot Rolled Coil from any Manufacturer and further processing including colour coating shall be conducted their Factory, then the bidder shall again inform BHEL in their Technical Offer duly filled Annexure-4 and Annexure-5 (Attached).</p> <p>The approval process shall further include visiting of Factory and related test as per Sl. No. 2.2.5 above shall be performed. Acceptance of those sources solely lies with BHEL/BHEL's Customer.</p>
2.3.3	<p>In case, the proposed Manufacturer/(s) as per Sl. No. 2.3.1 and Sl. No. 2.3.2 above is/are not approved, then bidder has to procure the colour coated coil from Manufacturer listed in Sl. No. 2.3 above only and No compensation shall be payable to the bidder. Hence, Bidder to quote accordingly.</p>
2.4	<p>Tolerance:</p> <p>The quantities given for the rate contract are tentative and may vary within the limits of Plus/Minus (+/-) 25% of awarded rate contract value. Also, no compensation becomes payable in case the contract gets partially executed/ short closed/ terminated/ work withdrawn by BHEL at its discretion. Further, below mentioned tolerance shall be applicable for issuance of Sub-PO subsequently.</p>

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2.5	GENERAL
2.5.1	<p>Guarantee / Warranty Period:</p> <p>Guarantee / Warranty period for Supply of material shall be 12 (Twelve) calendar months from the date of last receipt of consignment at site against each Sub-PO.</p> <p>In case of notification of defect, supplier shall replace the defective material free of cost (inclusive of freight, material cost, taxes etc.) up to destination within a period of 30 days from the date of intimation by BHEL.</p>
2.5.2	<p>Test Certificate: Mill Test Certificate for sheet and Supplier's Quality inspection report on Galvanization and/or Paint should be as per specification (normally 2 copies) and extra if demanded by BHEL without any extra cost.</p>
2.5.3	<p>Sample Test: Random sample may be taken by site for third party inspection at the cost of supplier.</p>
2.5.4	<p>Unloading of materials: Unloading of the materials at site is in the scope of BHEL</p>
2.5.5	<p>Documents required with materials for unloading at destination:</p> <ul style="list-style-type: none"> (i) Duplicate for transporter copy of Invoice (ii) LR copy (iii) Weighment/ Weighbridge slip (iv) Gate pass (v) Mill Test Certificate (vi) Supplier's Quality inspection report on Galvanization and/or Paint <p>Additionally, one full set photocopy of all the above documents is also required along with supply.</p>
2.5.6	<p>Delivery Destination: The Destination address is as below (Tentative and Final Delivery Destination shall be reflected in the Sub POs)</p> <p>Sold to Party & Ship to Party (Consignee) & Billing Address</p> <ul style="list-style-type: none"> (i) BHEL Site Office - Construction Manager / Project Director 2X800 MW NTPC Lara Super Thermal Power Station PO - Pussore, Village - Chhapora Dist - Raigarh, Chhattisgarh - 496440 GST No.: 22AAACB4146P1ZP (ii) BHEL Site Office - Construction Manager / Project Director 2X800 MW NTPC Singrauli Super Thermal Power Plant, Stage-III PO - Shaktinagar Distt. - Sonebhadra, Uttar Pradesh (UP) - 231222

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	<p>GST No.: 09AAACB4146P2ZC</p> <p>(iii) BHEL Site Office - Construction Manager / Project Director 2X800 MW DVC Koderma Super Thermal Power Plant PO – Benjhidih Distt. – Koderma, Jharkhand – 825421 GST No.: 20AAACB4146P5ZP</p> <p>Important Note: Above mentioned destinations are tentative which are various ongoing Projects Sites of the BHEL. Final Destinations shall be intimated separately while placing the Sub-Supply Purchase Orders.</p>
2.5.7	Void
2.5.8	<p>Mode of Dispatch: By Road</p> <p>Note: It is Supplier responsibility to ensure availability of vehicle well in advance for dispatch of material to meet contractual delivery requirement and as per instruction of BHEL engineer.</p> <p>Road Permit Requirement: As per requirement to be arranged by Supplier.</p>
2.5.9	<p>Transit Insurance: Transit insurance from supplier's works/warehouse to BHEL site stores shall be arranged by BHEL.</p> <p>Prior dispatch of each consignment, intimation shall be issued to Insurance agency/underwriter of BHEL about the value of consignment, dispatch details, along with one set of documents consisting of LR/RR copy, packing list / Challan indicating the items dispatched (with their weights). A copy of above should be sent to BHEL Respective site office (address same as delivery destination).</p> <p>Upon dispatch of material, supplier has to immediately intimate underwriter of BHEL, failing which transit loss if any, would be borne by supplier.</p> <p>Supplier shall obtain details of Insurance agency & policy documents from BHEL prior to dispatch of first consignment of material to site.</p>
2.5.10	<p>Packing:</p> <p>a) The packing shall be in conformity with specification and shall be such as to ensure prevention of damages, corrosion, deterioration, shortages, pilferage and loss in transit or storage.</p> <p>b) Packing list shall be submitted as per standard format along with advance set of documents for claiming payment which shall also indicate: -</p> <p>(i) Packing size.</p> <p>(ii) Gross weight and net weight of each package.</p> <p>(iii) Contents of the package with quantity of each item separately.</p>
2.5.11	<p>Transportation & Freight Charges:</p> <p>a) All road dispatches shall be through the carriers.</p>

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	<p>b) Owing to any reason, in case the seller / vendor has to resort to a mode of transport other than what was contemplated, to keep up the delivery / completion schedule incurring extra expenditure, such extra expenditure shall be borne by the seller / vendor.</p> <p>c) Any charge against ODC consignment shall be borne by seller / vendor.</p> <p>d) Freight charges shall be borne by the seller / vendor.</p> <p>Any charges related to the transportation of material till site is to be borne by the seller / vendor.</p>
2.5.12	<p>Demurrage Charges:</p> <p>BHEL shall complete the unloading within 48 hours from the time of Truck/ Trailer entry into the plant premises. If the material is not unloaded within 48 hours due to reasons not attributable to the Supplier/ Transporter. The Supplier shall be entitled to demurrage charges as follows:</p> <p>a. Demurrage charges for Trucks: ₹1,000 per day.</p> <p>b. Demurrage charges for all types of Trailers: ₹2,000 per day.</p> <p>Demurrage shall be applicable only if the delay exceeds 24 hours beyond the free period (48 Hrs). Any delay of less than 24 hours beyond the free period (48 hrs) shall not attract demurrage.</p> <p>Example:</p> <p>If a vehicle enters the site on August 2, 2025, at 10:00 AM, the free period (48 hours) lasts until August 4, 2025, at 10:00 AM.</p> <ul style="list-style-type: none">• If the vehicle exits at 4:00 PM on August 4, 2025 (6 hours late) → No demurrage will be charged.• If the vehicle exits at 11:30 PM on August 4, 2025 (13.5 hours late) → No demurrage will be charged. <p>If the vehicle exits at 10:30 AM on August 5, 2025 (24 hours + 30 minutes late) → Demurrage for one full day (August 6) will be charged.</p>

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Chapter – III: TIME SCHEDULE

3	<p>Time Schedule:</p> <p>Duration of Framework Agreement for “supply of Supply of Permanently Colour Coated Metal Sheet Decking Plate, Permanently Colour Coated Metal Cladding Sheet and Factory made Prefabricated Sandwiched Permanently Colour Coated Metal Cladding Sheet to the designated project sites” shall be Twenty-Four (24) Months from issuance of LOA.</p> <p>Cumulative Tentative Quantity of all line items with Delivery Schedule is as below however, it may vary as per actual progress of the project sites.</p> <ol style="list-style-type: none"> 1. Jul'26-Sep'26 - 500 MT 2. Oct'26-Dec'26 - 750 MT 3. Jan'27-Mar'27 - 750 MT 4. Apr'27-Jun'27 – 250 MT 5. Jul'27-Sep'27 – 250 MT 6. Oct'27-Dec'27 – 250 MT 7. Jan'28-Mar'28 – 250 MT 8. Apr'28-Jun'28 – 187 MT 																	
3.1	<p>Delivery period from the date of intimations (Through mail / Separate Sub POs) shall be as follows:</p> <ol style="list-style-type: none"> (i) If Ordered Qty is up to 500 MT – Within 10 weeks from the date of intimation. (ii) If ordered Qty is more than 500 MT and less than 750 MT – 12 weeks from the date of intimation. (iii) If ordered Qty is more than 750 MT - 15 weeks from the date of intimation. <p>Note: Date of intimation shall be after considering time frame required for submission and approval of various process listed as Sl. No. 3.2 below.</p>																	
3.2	<p>Time Schedule for various in process activities:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: center;">Sl. No.</th> <th rowspan="2" style="text-align: center;">Activities</th> <th rowspan="2" style="text-align: center;">Time Frame</th> <th colspan="2" style="text-align: center;">Input Provided By</th> </tr> <tr> <th style="text-align: center;">BHEL</th> <th style="text-align: center;">Supplier</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Submission of Engineering Drawing, Design and Load Data</td> <td>Within Seven (07) days from the date of issuance of Sub-PO.</td> <td style="text-align: center;">Yes</td> <td></td> </tr> <tr> <td style="text-align: center;">2</td> <td>Submission of general arrangement and detailed working drawings with cutting plan for the proposed design, together with all calculations.</td> <td>Within Seven (07) days from the date of submission of Engineering Drawing, Design and Load Data by BHEL.</td> <td></td> <td style="text-align: center;">Yes</td> </tr> </tbody> </table>	Sl. No.	Activities	Time Frame	Input Provided By		BHEL	Supplier	1	Submission of Engineering Drawing, Design and Load Data	Within Seven (07) days from the date of issuance of Sub-PO.	Yes		2	Submission of general arrangement and detailed working drawings with cutting plan for the proposed design, together with all calculations.	Within Seven (07) days from the date of submission of Engineering Drawing, Design and Load Data by BHEL.		Yes
Sl. No.	Activities				Time Frame	Input Provided By												
		BHEL	Supplier															
1	Submission of Engineering Drawing, Design and Load Data	Within Seven (07) days from the date of issuance of Sub-PO.	Yes															
2	Submission of general arrangement and detailed working drawings with cutting plan for the proposed design, together with all calculations.	Within Seven (07) days from the date of submission of Engineering Drawing, Design and Load Data by BHEL.		Yes														

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Chapter – III: TIME SCHEDULE

	3	Approval of submitted general arrangement and detailed working drawings with cutting plan.	Within Seven (07) days from the date of submission of general arrangement and detailed working drawings with cutting plan by Supplier.	Yes	
	4	Submission of MQP	Within Seven (07) days from the date of issuance of Sub-PO.		Yes
	5	Approval of MQP	Within Seven (07) days from the date of submission of MQP by Supplier.	Yes	
3.3	Last Sub-PO shall be issued at least Six (06) Month prior to the completion of duration of Framework Agreement.				

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Chapter – IV: TERMS OF PAYMENT

4.0	Terms of Payment:
4.1	Measurement of material supplies shall be on the weighment basis.
4.2	The contractor shall submit his RA bills with all the details required by BHEL covering measurement of supplies in all respects.
4.3	Release of payment in each running bill including PVC Bills where ever applicable will be the value of supplies admitted as per stages of progressive pro rata payments.
4.4	<p>A) For MSME suppliers: 100% payment (excluding GST) for running bills will be paid through TReDS such as Receivable Exchange of India Limited (RXIL), M1xchange, Invoicemart, C2treds, DTX, etc. as per extant guidelines after receipt & acceptance of material at site and submission of following documents:</p> <ul style="list-style-type: none"> (i) GST Compliance Invoice (1 Original/e-invoice + 2 copies) (ii) Copy of insurance intimation letter / e-mail. (Intimation to Insurance agency to be sent on the same day of dispatch.) (iii) LR copy (consignee address shall be BHEL Lara site) (iv) Packing List indicating item description/quantity/Net Weight against each item dispatched – wherever applicable. (v) Material test Certificate (MTC) (vi) Original Material Dispatch Clearance Certificate/E-mail (MDCC) issued by BHEL/BHEL’s Customer. (vii) Guarantee Certificate – Original (viii) Material Receipt certificate by BHEL/site. <p>Alternatively, on request of MSE suppliers, 100% of payment (excluding GST) for running bills will normally be released directly from BHEL within 45 days after receipt & acceptance of material at site and submission of above-mentioned documents.</p> <p>B) For Non-MSE suppliers: 100% of payment (excluding GST) for running bills will normally be released within 60 days of after receipt & acceptance of material at site and submission of above-mentioned documents at Sl. No. A.</p>
4.5	<p>Retention Amount for Respective POs issued by PS-Regions – 5% of payment shall be withheld from each RA Bills and released after successful completion of supply and along with Final Bill.</p> <p>On specific request of contractor, 5% amount can be released against submission of Bank Guarantee of 5% of Sub-PO value, in acceptable form. Also, upon submission of the aforementioned BG, further deduction of 5% from RA Bill shall not be made. BG shall be kept valid for a period of Contract duration and Extension if any. (Retention BG Format to be referred.)</p>

TECHNICAL CONDITIONS OF CONTRACT (TCC)

Chapter – IV: TERMS OF PAYMENT

4.6	Performance Security shall be 5% of each Sub-PO Value issued by Respective PS-Region and shall be dealt as per Clause 2.13 of GCC. In case of increase in Sub-PO value, additional 5% of differential/increased amount shall be submitted by Supplier before payment of next RA Bill due.			
4.7	Applicable GST shall be released upon compliance of following documents: Vendor has to declare such Invoice in their GSTR-1 & has to pay the tax to the Government by filing GSTR-3B or any other return/form for payment of tax so that Vendor's invoice details appear in BHEL's GSTR-2A. Payment may not be released if above is not complied & invoice details do not appear in BHEL's GSTR-2A.			
4.8	Paying Authority shall be respective project sites of the BHEL, to whom materials will be supplied. Final Destinations shall be intimated separately while placing the Sub -Supply Purchase Order.			
4.9	Price Variation Compensation:			
4.9.1	In order to take care of variation in cost of material on either side, due to variation in the index of LABOUR, HIGH SPEED DIESEL OIL, HOT ROLLED (HR) COIL, Price Variation Formula as described herein shall be applicable.			
4.9.2	85% component of Award Value shall be considered for PVC calculations and remaining 15% shall be treated as fixed component. The basis for calculation of price variation in each category, their component, Base Index, shall be as under:			
4.9.2.1	Sl. No.	Category	Index	Percentage Component
	1	LABOUR (ALL CATEGORIES)	MONTHLY ALL-INDIA AVERAGE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS' published by Labour Bureau, Ministry of Labour and Employment, Government of India (Website: labourbureau.nic.in)	5%
	2	HIGH SPEED DIESEL OIL	Name of Commodity: HSD Type - Individual Commodities (See Note)	5%
	3	HOT ROLLED (HR) COIL	Name of Commodity: Hot Rolled (HR) Coils 2mm JPC Report on Steel Price (See Note)	65%
	4	PAINT	Name of Commodity: Paint	10%

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		Type: Individual Commodity (See Note)	
4.9.2.2	NOTE: As per the 'MONTHLY WHOLE SALE PRICE INDEX' for the respective Commodity and Type, published by Office of Economic Adviser, Ministry of Commerce and Industry, Government of India. (Website: eaindustry.nic.in). Revisions in the index or commodity will be re-adjusted accordingly. Only HR Coils is based on data available in JPC REPORT ON STEEL PRICES released by Joint Plant Committee (JPC), constituted by Govt. of India.		
4.9.2.3	The first JPC Price Report released for a month shall be considered for PVC calculations of HR Coils. Average of Rates as declared in JPC for four metro cities (Delhi, Mumbai, Chennai and Kolkata) shall be considered for PVC calculation of HR Coils. In case, the rate for the item is not available then the average of the other available rates shall be considered for calculation.		
4.9.3	<p>Payment/recovery due to variation in index shall be determined on the basis of the following notional formula in respect of the identified COMPONENT ('K') viz LABOUR, HIGH SPEED DIESEL OIL, HOT ROLLED (HR) COIL, PAINT.</p> $P = K \times R \times (XN - X_0) / X_0$ <p>Where,</p> <p>P = Amount to be paid/recovered due to variation in the Index for LABOUR, HIGH SPEED DIESEL OIL, HOT ROLLED (HR) COIL, PAINT</p> <p>K = Percentage COMPONENT ('K') applicable for LABOUR, HIGH SPEED DIESEL OIL, HOT ROLLED (HR) COIL, PAINT</p> <p>R = Amount of supplies for the billing month (Excluding Taxes and Duties if payable extra)</p> <p>XN = Revised Index for LABOUR, HIGH SPEED DIESEL OIL, HOT ROLLED (HR) COIL, PAINT for the billing month under consideration</p> <p>X₀ = Index for LABOUR, HIGH SPEED DIESEL OIL, HOT ROLLED (HR) COIL, PAINT as on the Base date</p>		
4.9.4	PVC will be payable for items supplied including quantity variation of BOQ items under originally awarded contract.		
4.9.5	Base date shall be calendar month of the 'last date of submission of Tender'.		
4.9.6	The contractor shall furnish necessary monthly bulletins in support of the requisite indices from the relevant websites along with his Bills.		
4.9.7	The contractor will be required to raise the bills for price variation payments for each RA Bill/(s) irrespective of the fact whether any increase/decrease in the index for relevant categories has taken place or not. In case there is delay in publication of bulletins (final figure), the provisional values as published can be considered for payments and arrears shall be paid/recovered on getting the final values.		

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Chapter – IV: TERMS OF PAYMENT

4.9.8	<p>PVC shall be applicable for the entire original contract period plus the extended period, i.e. for the complete execution period, as follows:</p> <p>For PVC computation of the nth month:</p> <p>Let the cumulative delay attributable to the Contractor is D_n in the nth month as per delay analysis.</p> <p>Considering R_n as the billing value for the nth month, PVC for the nth month shall be calculated as follows:</p> <ol style="list-style-type: none"> a) PVC for the portion of R_n for an amount of $D_{(n-1)}$ shall be payable as per indices for the (n-1)th month. b) PVC for the balance portion of R_n shall be payable as per indices for the nth month. <p>In case $D_{(n-1)}$ is greater than R_n, then entire R_n shall be payable as per indices for the (n-1)th month and the balance portion of $D_{(n-1)}$ shall be adjusted from $R_{(n+1)}$ of the (n+1)th month and will be payable as per indices for the (n-1)th month. The above process shall be continued for subsequent month(s) also till full $D_{(n-1)}$ is consumed.</p> <ul style="list-style-type: none"> ➤ For milestones mentioned in the contract, PVC shall be applicable as per average of the indices from the month of base date till the month of execution of milestone. ➤ PVC shall not be applicable for time extension provided for the delays solely attributable to the contractor.
4.9.9	The total amount of PVC shall not exceed 15% of the cumulatively executed contract value. Executed contract value for this purpose is exclusive of PVC except items due to quantity variation.
4.10	Liquidated Damage:
4.10.1	LD shall be 0.5% of the Sub-PO Value per week of delay or part thereof subject to a maximum of 10% of the Sub-PO Value.
4.10.2	In case of any amendment/ revision, the LD shall be linked to the amended/revised Sub-PO value.
4.10.3	<p>Any delay in intermediate activity including Supplies to the destination from schedule completion period due to reasons solely attributable to Supplier, the excess period shall be considered for LD purpose.</p> <p>In case, the delay is not attributable to supplier, suitable time extension shall be provided with existing terms and conditions.</p>

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Chapter – V: TAXES AND DUTIES

5.0	TAXES & DUTIES
5.1	<p>The contractor shall pay all (save the specific exclusions as enumerated in this clause) taxes, fees, license, charges, deposits, duties, tools, royalty, commissions, other charges, etc. which may be levied on the input goods & services consumed and output goods & services delivered in course of his operations in executing the contract. In case BHEL is forced to pay any of such taxes/duties, BHEL shall have the right to recover the same from his bills or otherwise as deemed fit.</p> <p>However, provisions regarding GST on output supply (goods/service) and TDS/TCS as per Income Tax Act shall be as per following clauses.</p>
5.2	GST (Goods and Services Tax)
5.2.1	GST as applicable on output supply (goods/services) are excluded from contractor's scope; therefore, contractor's price/rates shall be exclusive of GST. Reimbursement of GST is subject to compliance of following terms and conditions. BHEL shall have the right to deny payment of GST and to recover any loss to BHEL on account of tax, interest, penalty etc. for non-compliance of any of the following condition.
5.2.2	The admissibility of GST, taxes and duties referred in this chapter or elsewhere in the contract shall be limited to direct transactions between BHEL & its Contractor. BHEL shall not consider GST on any transaction other than the direct transaction between BHEL & its Contractor.
5.2.3	Contractor shall obtain prior written consent of BHEL before billing the amount towards such taxes. Where the GST laws permit more than one option or methodology for discharging the liability of tax/levy/duty, BHEL shall have the right to adopt the appropriate one considering the amount of tax liability on BHEL/Client as well as procedural simplicity with regard to assessment of the liability. The option chosen by BHEL shall be binding on the Contractor for discharging the obligation of BHEL in respect of the tax liability to the Contractor.
5.2.4	Contractor has to submit GST registration certificate of the concerned state. Contractor also needs to ensure that the submitted GST registration certificate should be in active status during the entire contract period.
5.2.5	Contractor/Vendor has to issue Invoice/Debit Note/Credit Note indicating HSN/SAC code, Description, Value, Rate, applicable tax and other particulars in compliance with the provisions of relevant GST Act and Rules made thereunder.
5.2.6	Vendor has to submit GST compliant invoice within the due date of invoice as per GST Law. In case of delay, BHEL reserves the right of denial of GST payment if there occurs any hardship to BHEL in claiming the input thereof. In case of goods, vendor has to provide scan copy of invoice & GR/LR/RR to BHEL before movement of goods starts to enable BHEL to meet its GST related compliances. Special care should be taken in case of month end transactions.
5.2.7	Void
5.2.8	Subject to other provisions of the contract, GST amount claimed in the invoice shall be released on fulfilment of all the following conditions by the Contractor: -

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Chapter – V: TAXES AND DUTIES

	<ul style="list-style-type: none">a. Supply of goods and/or services have been received by BHEL.b. Original Tax Invoice has been submitted to BHEL.c. Contractor/ Vendor has submitted all the documents required for processing of bill as per contract/ purchase order/ work order.d. In cases where e-invoicing provision is applicable, vendor/contractor is required to submit invoice in compliance with e-invoicing provisions of GST Act and Rules made thereunder.e. Contractor has filed all the relevant GST return (e.g. GSTR-1, GSTR-3B, etc.) pertaining to the invoice submitted and submit the proof of such return along with immediate subsequent invoice. In case of final invoice/ bill, contractor has to submit proof of such return within fifteen days from the due date of relevant return.f. Respective invoice has appeared in BHEL's GSTR - 2A for the month corresponding to the month of invoice and in GSTR-2B of the month in which such invoices has been reported by the contractor along with status of ITC availability as "YES" in GSTR-2B. Alternatively, BG of appropriate value may be furnished which shall be valid at least one month beyond the due date of confirmation of relevant payment of GST on GSTN portal or sufficient security is available to adjust the financial impact in case of any default by the contractor.g. Contractor has to submit an undertaking confirming the payment of all due GST in respect of invoices pertaining to BHEL.
5.2.9	Any financial loss arises to BHEL on account of failure or delay in submission of any document as per contract/purchase order/work order at the time of submission of Tax invoice to BHEL, shall be deducted from contractor's bill or otherwise as deemed fit.
5.2.10	TDS as applicable under GST law shall be deducted from contractor's bill.
5.2.11	Contractor shall comply with the provisions of e-way bill wherever applicable. Further wherever provisions of GST Act permit, all the e-way bills, road permits etc. required for transportation of goods needs to be arranged by the contractor.
5.2.12	Contractor shall be solely responsible for discharging his GST liability according to the provisions of GST Law and BHEL will not entertain any claim of GST/interest/penalty or any other liability on account of failure of contractor in complying the provisions of GST Law or discharging the GST liability in a manner laid down thereunder.
5.2.13	In case declaration of any invoice is delayed by the vendor in his GST return or any invoice is subsequently amended/alterd/deleted on GSTN portal which results in any adverse financial implication on BHEL, the financial impact thereof including interest/penalty shall be recovered from the Contactor's due payment.

TECHNICAL CONDITIONS OF CONTRACT (TCC)

Chapter – V: TAXES AND DUTIES

5.2.14	Any denial of input credit to BHEL or arising of any tax liability on BHEL due to non-compliance of GST Law by the Contractor in any manner, will be recovered along with liability on account of interest and penalty (if any) from the payments due to the Contractor.
5.2.15	In the event of any ambiguity in GST law with respect to availability of input credit of GST charged on the invoice raised by the contractor or with respect to any other matter having impact on BHEL, BHEL's decision shall be final and binding on the contractor.
5.2.16	<p><u>Variation in Taxes & Duties:</u></p> <p>Any upward variation in GST shall be considered for reimbursement provided supply of goods and services are made within schedule date stipulated in the contract or approved extended schedule for the reason solely attributable to BHEL. However downward variation shall be subject to adjustment as per actual GST applicability.</p> <p>In case the Government imposes any new levy/tax on the output service/goods after price bid opening, the same shall be reimbursed by BHEL at actual. The reimbursement under this clause is restricted to the direct transaction between BHEL and its contractor only and within the contractual delivery period only.</p> <p>In case any new tax/levy/duty etc. becomes applicable after the date of Bidder's offer but before opening of the price Bid, the Bidder/Contractor must convey its impact on his price duly substantiated by documentary evidence in support of the same before opening of price bid. Claim for any such impact after opening the price bid will not be considered by BHEL for reimbursement of tax or reassessment of offer.</p>
5.3	<p><u>Income Tax:</u></p> <p>TDS/TCS as applicable under Income Tax Act, 1961 or rules made thereunder shall be deducted/collected from contractor's bill.</p>

TECHNICAL CONDITIONS OF CONTRACT (TCC)

Chapter-VI : BOQ CUM RATE SCHEDULE

BOQ CUM RATE SCHEDULE FOR ITEM-1- Metal Deck Sheet:

ST NO	ITEM DESCRIPTION	UOM	QTY	RATES = TOTAL QUOTED PRICE * WEIGHTAGE / (QUANTITY * 100)	AMOUNT (INR) = RATE * QUANTITY	WEIGHTAGE IN % (UPTO 10 DECIMAL POINT)
Item-1	Refer Clause 2.1.1 of TCC:					
A1502	METAL DECK SHEET Type-I, Supplying permanently color coated galvanized MS troughed metal sheet decking plate of approved colour over roof purlins for cast-in-situ roof slab as per relevant IS code and Grade as per specification. Bare metal thickness(BMT) of deck plate shall be minimum 0.8mm with minimum trough depth of 44mm (or as per design whichever is higher) of grade G250 as per AS1397/grade SS255 as per ASTM A653M/ grade S250GD as per EN 10326 with zinc coating to class Z275 and shall serve as permanent shuttering to the roof slab 40mm - 100mm thick measured over crest of metal decking & shall have adequate strength to support weight of green concrete and imposed loads of min 100 kg/sqm (for two span condition) during construction between beams as per manufacturer's recommendations/ calculations/ test certificates for approval including fixing of plates to beams, side lapping, end lapping etc. all complete for below mentioned spans. The sheet shall be permanently coated with silicon modified polyester (SMP silicon content 30%-50%) paint or super polyester paint of minimum 20 micron DFT on exposed surface (facing operating floor) over primer coat of minimum 5 micron(nominal) and minimum 10 micron (nominal) SMP or super polyester paint over primer coat of minimum 5 micron (nominal) on other face. SMP and polyester paint system shall be of industrial finish of product type 4 of AS/NZ2728					
a	Span Upto 1800mm	MT	240			19.5280716029

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Chapter-VI : BOQ CUM RATE SCHEDULE

ST NO	ITEM DESCRIPTION	UOM	QTY	RATES = TOTAL QUOTED PRICE * WEIGHTAGE / (QUANTITY * 100)	AMOUNT (INR) = RATE * QUANTITY	WEIGHTAGE IN % (UPTO 10 DECIMAL POINT)
B1502	METAL DECK SHEET Type-II, Supplying permanently color coated galvanized MS troughed metal sheet decking plate of approved colour over roof purlins for cast-in-situ roof slab as per relevant IS code and Grade as per specification. Bare metal thickness(BMT) of deck plate shall be minimum 0.8mm with minimum trough depth of 44 mm (or as per design whichever is higher) of grade G250 as per AS1397/grade SS255 as per ASTM A653M/ grade S250GD as per EN 10326 with zinc coating to class Z275 and shall serve as permanent shuttering to the floor slab 150 mm thick measured over crest of metal decking & shall have adequate strength to support weight of green concrete and imposed loads of min 100 kg/sqm (for two span condition) during construction between beams as per manufacturer's recommendations/ calculations/ test certificates for approval including fixing of plates to beams, side lapping, end lapping etc. all complete for below mentioned spans. The sheet shall be permanently coated with silicon modified polyester(SMP silicon content 30%-50%) paint or super polyester paint of minimum 20 micron DFT on exposed surface (facing operating floor) over primer coat of minimum 5 micron(nominal) and minimum 10 micron (nominal) SMP or super polyester paint over primer coat of minimum 5 micron (nominal) on other face. SMP and polyester paint system shall be of industrial finish of product type 4 of AS/NZ2728.					
a	Span Upto 1800mm	MT	777			63.2221318145
b	Span Exceeding 1800mm and upto 2500 mm	MT	212			17.2497965826

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Chapter-VI : BOQ CUM RATE SCHEDULE

BOQ CUM RATE SCHEDULE FOR ITEM-2- Metal Cladding Sheet:

ST NO	ITEM DESCRIPTION	UOM	QTY	RATES	AMOUNT (INR) = RATE * QUANTITY
Item-2	Refer Clause 2.1.2 of TCC				
A1505	Supplying External/ Inner sheet of Permanent colour coated metal cladding with troughed M.S. sheets of minimum 0.5 mm bare metal thickness of min. grade G350 as per AS1397/grade SS340 class 4 or as per ASTM A792M/ grade S350 GD as per EN 10326 with zinc coating to class Z275 / aluminium zinc alloy coating to class AZ150 on both sides. The exposed face the sheet shall be permanently coated with silicon modified polyester (SMP silicon content 30%-50%) paint or super polyester paint of minimum 20 micron DFT on exposed surface over primer coat of minimum 5 micron and minimum 10 micron SMP or super polyester paint over primer coat of minimum 5 micron on other face. SMP and polyester paint system shall be of industrial finish of product type 4 of AS/NZ2728.	MT	1494		

BOQ CUM RATE SCHEDULE FOR ITEM-3- Factory made Prefabricated Sandwiched Metal Cladding Sheet:

ST NO	ITEM DESCRIPTION	UOM	QTY	RATES	AMOUNT (INR) = RATE * QUANTITY
Item-3	Refer Clause 2.1.3 of TCC				
A1519	Supplying Factory made (Continuous Line) prefabricated sandwiched Permanent colour coated metal cladding comprising top sheets as troughed (minimum depth of trough shall be 30 mm) permanently colour coated sheet & bottom sheet as plain permanently colour coated for covering of exposed metal/concrete / brick surfaces with insulation shall be of Polyurethane type of minimum 50mm thick (excluding trough). The polyurethane shall be Chlorofluorocarbon (CFC) free and self-extinguishing and shall conform to IS 12436: 1988. It shall have Modular Density 40 +/- 2 Kg/m ³ and Thermal Conductivity @ 10 Deg.C 0.017 - 0.020 W/M Ok, Water absorption (% by vol) 3.1, Critical Oxygen Index 23 and Compressive Strength 1.2 Kg/sq.cm, sandwiched between the two sheets, each sheet shall be high strength tensile steel sheet 0.5mm bare metal thickness (minimum) of YS350 as per IS 15961 /grade G350 as per AS1397 / grade SS340 class 4 as per ASTM A792M / grade S350GD as per EN 10326 with zinc coating to class Z 275 / aluminium-zinc alloy coating to class AZ150 on both sides, both sheet shall be permanently coated with silicon modified polyester (SMP with silicon	MT	464		

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Chapter-VI : BOQ CUM RATE SCHEDULE

	<p>content of 30% to 50%) paint of minimum 20 micron DFT on exposed surface on 5 microns (min.) epoxy primer/phosphate primer coat and 10 micron (min.) SMP on 5 micron (min.) epoxy primer/phosphate primer on other face, SMP paint system shall be of industrial finish of product type 4 of AS/NZS 2728, troughed sheet shall be of approved profile, sectional properties, (suitable for the specified loading / deflection and purlins / runner spacing), colour and shade and tested for 1000 hours salt spray test. Coated surface shall be provided with a protected guard film (polyethylene) of about 40 microns to avoid any damage to the coating during handling. Overlap shall be min. 100 mm or as specified by manufacturer.</p>				
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Chapter-VII : ANNEXURE

7.1	Declaration by Bidder (Annexure-1)
7.2	Details of supplied material as per POs for satisfying PQR (Annexure-2)
7.3	Format for additional vendor approval from customer (Annexure-4) and (Annexure-5)