

AIRPORTS AUTHORITY OF INDIA

O/o Member (Planning)

Ref No. AAI/Member (Plg.)/Tech-Cir./2025/P-173/38

Date: 17 July, 2025

Technical Circular No.- 04/2025

Subject: Preferred make list of Civil Engg. items for use in AAI works- reg.

In supersession of Technical Instruction No. 130, ref no. AAI/Member (Plg.)/Tech-Inst/Preferred Makes/2023/P-186/129 dated 13th September 2023, the revised preferred makes list of Civil Engg. items for use in AAI works along with the implementation guidelines and criteria is hereby issued. This updated list, compiled by the Competent Committee following an extensive review of Expressions of Interest (EOI) for civil item makes shall take effect immediately and remain valid until further notice.

Implementation Guidelines:

1. Incorporation in Tenders:

- The approved list of preferred makes as periodically updated, must be incorporated into all relevant tender documents.
- Where a Project Management Consultant (PMC) or Engineering Consultant is engaged their Terms of Reference (ToR) must explicitly require that before recommending a brand/ make, the following considerations must be evaluated for the inclusion of additional equivalent brands/ makes:
 - Avoidance of any monopoly in item selection.
 - Recognize BIS-certified makes when no preferred make is available in the current make list.
 - Prioritise makes or brands manufactured near the project/work site and those with accessible service centres.
 - Consider the ease of availability of the proposed makes or brands.
 - Any equivalent make proposed for inclusion must fall within $\pm 10\%$ of the prevailing price, in accordance with Para 58.4.1 (r) of the AAI Engineering Works Manual.

2. Scrutiny and Approval:

- The makes or brands recommended by the Project Management Consultant or Engineering Consultant for a given project shall undergo a comprehensive and meticulous evaluation by the designated engineering officials, taking into full consideration the projects nature, location, duration and relevant experience gained from analogous prior projects.
- Subsequent approval must be obtained from the Executive Director (Engg.) for Corporate Headquarters (CHQ) schemes and from the General Manager (Engg.) for Regional Headquarters (RHQ) schemes. Following such approval, the authority responsible for approving the Notice Inviting Tender (NIT) shall ensure the specified makes or brands are appropriately incorporated in the tender document.

3. Special Approvals and Additions:

- The Executive Director (Engineering) may approve preferred makes or products for a specific project at the time of granting Technical Sanction (TS) without requiring formal enlistment based on suitable recommendations.
- Project-specific items not listed in the preferred make list may be included in the tender, subject to approval by the competent authority and recommendations from the Project Management Consultant or Engineering Consultant, if appointed.
- For maintenance works with less than three enlisted makes, additional makes or brands may be considered, with the approval of the General Manager (Engg.) on a station-to-station basis.

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- For ongoing works or projects, in case of non-availability or other challenges, additional makes or brands may be included with the requisite approval, as detailed in the following note from 'Annexure-A':
- *"Note: The following list of preferred makes is exhaustive. However, additional manufacturers or brands may be considered for any specified product or item, depending on market availability, delivery timelines, and proven satisfactory performance in similar projects or works—preferably where such a make or product has been used in quantities constituting at least eighty percent (80%) of the estimated or proposed requirement for the relevant project or work. To establish performance, completion certificates, performance certificates and purchase orders accompanied by tax invoices will be considered, provided that the products comply with the technical specifications stipulated in the tender document."*
- This preferred list may also be considered for those items which are not included in the existing make list incorporated in the tender of any ongoing work subject to mutual agreement of the current agency.

4. Standardization and Uniformity:

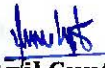
- Any additionally recommended makes or brands as per the above provisions must be duly forwarded to the Executive Director (Engg.), MIS & STD, for the purpose of standardization and subsequent inclusion in the AAI's approved list of preferred makes.
- The authority approving the Notice Inviting Tender (NIT) must ensure equitable consideration for domestic manufacturers alongside international brands, in accordance with the General Financial Rules (GFR) 2017.
- All technical specifications must align with applicable national technical regulations, standards, and building codes. Where such national standards are unavailable, recognized international standards shall apply.
- Compliance with the Government of India's Make in India and MSME policies, as per the prevailing guidelines, must be strictly observed.

5. Feedback and Updates:

- Any discrepancies, complaints or feedback regarding the approved list should be reported to ED (Engg.) MIS & Standardization for necessary modifications, additions or deletions.
- The approved preferred makes list shall be periodically updated by ED (Engg.) MIS & STD as required.
- These instructions must be circulated to all concerned parties for strict adherence.

All Technical Circular can be accessed at the AAI website: www.aai.aero/en ⇒ Emp_Login ⇒ Circular & Orders ⇒ Dept. (Engineering) ⇒ Circular Types (Technical Circular) ⇒ Search

Enclosure: Annexure-'A' (List of Preferred Makes)


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Distribution: As per standard list

LIST OF PREFERRED MAKES FOR USE IN AAI WORKS

1. Brand names of materials to be used are listed here and indicative only. Mere inclusion of brand name in this list does not guarantee for use in work unless specification of brand meets technical specifications of product as stipulated in tender document. The specifications of the products as mentioned in this tender document shall take preference over the make list. The contractor will be required to provide items/material as per the specifications indicated in tender document.

2. The following list of preferred makes is exhaustive. However, additional manufacturers or brands may be considered for any specified product or item, depending on market availability, delivery timelines, and proven satisfactory performance in similar projects or works—preferably where such a make or product has been used in quantities constituting at least eighty percent (80%) of the estimated or proposed requirement for the relevant project or work. To establish performance, completion certificates, performance certificates and purchase orders accompanied by tax invoices will be considered, provided that the products comply with the technical specifications stipulated in the tender document."

3. In case, Model no. of any product as mentioned in tender document is discontinued by manufacturer (documentary evidence from manufacturer is must to establish this) ,then contractor is bound to provide latest model of same manufacturer subject to meeting the technical specification without any financial implication.

4. The tenderers shall quote his rates on the basis of the price for the best quality product of the brand/make stipulated for the item of work in the list of preferred make/specifications. The agency shall submit at least three brands from the list given below along with the rates (having price variation within 10%) and specifications for the approval of Engineer-in-Charge before placing order. EIC shall approve any of the two brands.

Sl. No.	Name of Product / item	Proposed Brands / Makes / Manufacturers
1	CEMENT	ACC Ltd. / Ultra Tech / Shree Cement Ltd. / Ambuja / Jaypee / Century / J.K.Laxmi (JK Lakshmi Cement Ltd.) / JK Cement / Nuvoco / Dalmia Cement (Bharat) Ltd. / Birla A1 (Orient cement Ltd.) / Star Cement / PENNA / Max Cement / Ramco Cement / Chettinad Cement / Wonder (Wonder Cement Limited) / JSW Cement / Zuari Cement / Prism Cement
2	TMT REINFORCEMENT STEEL	SAIL / RINL (VIZAG Steel) / TATA TISCON (TATA Steel Limited) / JSW Steel Ltd. / JSPL / Shyam Steel Industries Ltd. / ESL Steel Ltd. / Shyam Metaliks & Energy Ltd. / Shri Bajrang Power & Ispat Ltd. / Rashmi Metaliks Limited / SRMB Srijan Private Limited / MS Agarwal Foundries Private Limited / Real Ispat and Power Limited / Jai Balaji Industries Limited / Maithan Steel & Power Limited
3	STRUCTURAL STEEL-MS TUBULAR SECTIONS (CIRCULAR,SQUARE,RECT ANGULAR) FOR COLUMNS ,TRUSS,MS PIPES, FLATS,ANGLES,BEAMS, CHANNELS, STRIPS ETC.	SAIL / RINL (VIZAG Steel) / TATA Structura (TATA Steel Limited) / JSW Steel Ltd. / JSPL / APL Apollo Tubes Ltd. / Shyam Metaliks & Energy Ltd. / Surya Roshni Ltd. Nezone Tubes Ltd. / Utkarsh India Ltd. / Hi-Tech Pipes Ltd. For works costing up to 15 Cr works
4	VITRIFIED /CERAMIC TILES	Prism Johnson Limited (H&R Johnson (India) Ltd.) / NITCO Tiles Ltd. / Somany Ceramics Ltd. / Orient Bell Ltd. / Oracle Granito Ltd. / Kajaria Ceramics Ltd. / RAK Ceramics (RAK Ceramics Ltd.) / AGL(Asian Granito India Ltd.) / Oasis Vitrified Tiles(Oasis Vitrified Pvt. Ltd.) / Varmora Granito Pvt. Ltd. / Qutone Ceramic Pvt. Ltd. / Ambani Vitrified Pvt. Ltd. / Simpolo Vitrified Pvt. Ltd. / Pavit Ceramics Pvt. Ltd. / Aparna Enterprises Ltd. / SUNHEAART CERAMIK(Sunshine Tiles Company Pvt. Ltd)
5	ALUMINIUM STANDING SEAM ROOFING SYSTEM	KALZIP (Kalzip India Pvt. Ltd.) / Kingspan (Kingspan Jindal Pvt. Ltd) / BEMO(Bemo System GmbH) / New Look Furnishers For roofing work upto 15,000 sqm.
6	METAL CEILING TILE/BAFFLE CEILING	Hunter Douglas India Pvt. Ltd. / Durlum India Pvt. Ltd. / Saint Gobain Gyproc India Ltd. / Knauf Ceiling Solutions(India) Pvt. Ltd.(Formerly Armstrong World Industries (India) Pvt. Ltd.) / USG Knauf (Knauf India Pvt. Ltd.) / Dexune(Dexune Marketing Pvt Ltd.) / Ceiflo Technologies Pvt. Ltd.

Sl. No.	Name of Product / item	Proposed Brands / Makes / Manufacturers
7	GALVALUME/STEEL SHEET ROOFING (TOP & BOTTOM) OVER M.S. STRUCTURE	Tata Bluescope Steel Ltd. / Jindal Steel (Jindal India Ltd.) / JSW Steel Coated Products Limited / APL Apollo Building Products Private Limited / Colorshine Coated Pvt. Ltd.
8	ALUMINIUM COMPOSITE PANELS (ACP)	Alucobond (3A Composite India Pvt. Ltd.) / Alstrong Enterprises India Pvt. Ltd. / Aludecor Lamination Pvt. Ltd / EUROBOND(Euro Panel Product Ltd.) / Alstone(Alstone International) / VIVA(Viva Composite Panel Pvt Ltd.) / Alutech(Alutech Industries) / VIRGO(Virgo Laminates Ltd.) / Alutuff(Ashoka foam multiplast Pvt. Ltd.) / Alexia Panels / Timexbond Industries Pvt. Ltd.
9	HONEYCOMB COMPOSITE PANELS (HCP)	Alucobond(3A Composite India Pvt. Ltd.) / Aludecor Lamination Pvt. Ltd / EUROBOND(Euro Panel Product Ltd.) / Alstone(Alstone International) / VIVA(Viva Composite Panel Pvt Ltd.) / Alutuff(Ashoka foam multiplast Pvt. Ltd.)
10	ZINC COMPOSITE PANELS (ZCP)	Aludecor Lamination Pvt.Ltd / Alstone(Alstone International) / VIVA(Viva Composite Panel Pvt Ltd.) / EUROBOND(Euro Panel Product Ltd.)
11	ALUMINIUM EXTRUSIONS / STRUCTURAL MEMBERS	Hindalco Industries Ltd. / Jindal Aluminium Ltd. / Boruka (Bhoruka Extrusions Pvt. Ltd.) / NALCO
12	FLOAT GLASS / HIGH PERFORMANCE GLASS	Saint Gobain Glass India Ltd. / AIS Glass Solution Ltd / Pilkington / Guardian Sun Guard /Modi Guard(Gujarat Guardian Limited) / Sisecam Flat Glass India Pvt. Ltd. / Gold Plus Glass Industry Ltd. / TPRS Enterprises Pvt. Ltd.
13	UPVC DOORS & WINDOW	Aparna venster /Okotech(Aparna Enterprises Ltd.) / Fenesta(Fenesta Building Systems) / Aluplast / NCL Veka Ltd. / Window Magic India Pvt. Ltd. / Rajshri Plastiwood
14	WOOD POLYMER COMPOSITE(WPC)	ECOBORD (Alstone Industries Pvt. Ltd.) / Rajshri Plastiwood (Div. of Rajshri Productions Pvt. Ltd.) / KAKA Industries Ltd.
15	ADMIXTURES /WATER PROOFING COMPOUND/ ACRYLIC CEMENTITIOUS COATING/ LIQUID MEMBRANE (POLYURETHANE & POLYUREA)/HDPE & SELF ADHESIVE MEMBRANE	Pidilite Industries Ltd. / FOSROC Chemicals (India) Pvt. Ltd. / CICO Technologies Ltd. / Sika India Pvt. Ltd. / BASF India Ltd. / MC-Bauchemie (MC-Bauchemie India Pvt. Ltd.) / Ardex Endura (India) Pvt. Ltd. / STP Ltd. / Choksey Chemicals Pvt. Ltd. / MYK Laticrete (MYK Laticrete Pvt. Ltd. / Mapei (Mapei Construction Products Pvt. Ltd) / Chryso India Pvt. Ltd. / Maruti Bitumen Pvt. Ltd. / Penetron India Pvt. Ltd. / Supreme Bituchem India Pvt. Ltd. / Asian Paints Ltd. / IWL India Ltd. / TP Buildtech Pvt. Ltd. / MYK Arment Pvt. Ltd. / Technonicol India Pvt. Ltd. / Saint-Gobain India Pvt. Ltd. / Ferrous Crete(India) Pvt. Ltd. / Fair Mate Chemicals Pvt. Ltd. / Berger Paints India Ltd.
16	BIPOLAR CORROSION INHIBITOR ADMIXTURE	STP Ltd. / Sika India Pvt. Ltd. / BASF India Ltd. / Chryso India Pvt. Ltd. / Supreme Bituchem India Pvt. Ltd.
17	REINFORCEMENT COUPLER	Dextra / G-Tech / HI-Tech Engineering Solutions / Sanfeild (India) Ltd.
18	HARDWARE FITTING	Dormakaba India Pvt. Ltd. / Q-Railing India Pvt. Ltd. (Formerly D-Line) / Hafele India Pvt. Ltd. / GEZE GmbH / Linco Technology Pvt. Ltd. / Assa Abloy / Kich Architectural Products Pvt. Ltd. / Godrej & Boyce / LGF Sysmac India Pvt. Ltd. / Rinox Kaufmann Ltd. / Ozone India Pvt. Ltd. / Everite / Define / Hardwyn(Hardwyn India Ltd.) / Arkay / Dorset Industries Pvt. Ltd. / Prayag Polymers Pvt. Ltd. / Hettich India Pvt. Ltd. / Ozone Overseas Pvt. Ltd.
19	STEEL/WOOD FIRE RESISTANT SHUTTER	Navair Ltd. / Pormat International Ltd. / Shakti Hormann Pvt. Ltd. / Sukri Paints & Chemicals / Iclean / Signum Fire Protection / Pacific(Pacific Fire Controls Pvt. Ltd.) / ASES Security Pvt. Ltd.
20	LAMINATES/ LAMINATED PARTICLE BOARD/ PRELAMINATED BOARD/ MDF/ PLY BOARD/FLUSH DOORS	Greenlam Industries Ltd. / Merino Industries Ltd. / Century Plyboard (I) Ltd. / Nationl Ply / Archidply(Archidply Industries Limited) / Kitply Industries / Novapan / Duro / Mayur Doors / Greenply / ASIS / Greenpanel Industries Limited / Punjab Plywood Industries / Stylam Industries Ltd.

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