

## **LIST OF APPROVED MANUFACTURERS / VENDORS**

All materials and products shall conform to the relevant standards/specifications of IS code, BS Code etc. and shall be of approved make and design. A list of manufacturers / vendors is given herein below for guidance. The approval of a manufacturer/vendor shall be given only after review of the sample / specimen by the Engineer. The complete system and installation shall also be in conformity with the – **“Applicable Codes, Standards and Publications”**.

List of approved makes for products and materials is given below. Other equivalent manufacturers may be considered with prior approval.

| <b>.No.</b> | <b>Details of Materials/Products</b>                              | <b>Manufacturer's Name</b>                                                                                                                                                                                                                                              |
|-------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.          | Epoxy / Polyester resin<br>For fixing anchor fasteners in soffits | <ul style="list-style-type: none"><li>• “Lokset” of Forsoc Chemicals (India) Limited</li><li>• STP MBT</li><li>• Apple chemie</li></ul>                                                                                                                                 |
| 2.          | Fire stop Sealant                                                 | <ul style="list-style-type: none"><li>• Dow Corning's “Firestop Sealant 700: by</li><li>• Universal Silicones Lubricants Pvt Ltd.</li><li>• GE Silicone's Pensil 300 Fire stop Sealant”</li></ul>                                                                       |
| 3.          | Ply wood                                                          | <ul style="list-style-type: none"><li>• Uniply</li><li>• Europly</li><li>• Archidply</li><li>• Century ply</li><li>• Hunsurply</li><li>• Corbett</li><li>• Duroply (Green marked, BWR Grade) of Sarda Plywood Industries Ltd.,</li><li>• Green Plywood Kitply</li></ul> |
| 4.          | Block board                                                       | <ul style="list-style-type: none"><li>• Uniply</li><li>• Euro Board</li><li>• Green blockboard</li><li>• Century board</li><li>• Archid blockboard</li><li>• Duroboard of Sarada Plywood</li><li>• Bhutan Board</li></ul>                                               |

|     |                                              |                                                                                                                                                                                  |
|-----|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5.  | Veneers                                      | <ul style="list-style-type: none"> <li>• Greenply</li> <li>• Euro make</li> <li>• Jackson</li> <li>• Timex</li> <li>• Legend</li> <li>• Sarda Plywood Industries Ltd.</li> </ul> |
| 6.  | Burl Veneer                                  | <ul style="list-style-type: none"> <li>• Green</li> <li>• Euro make</li> <li>• Jackson</li> <li>• Venture Enterprise</li> <li>• Kitply Industries Ltd.</li> </ul>                |
| 7.  | Adhesive                                     | <ul style="list-style-type: none"> <li>• “Pidilite</li> <li>• Araldite</li> <li>• Jivanjor</li> <li>• Apple chemie</li> <li>• Don Construction Chemical Pvt Ltd</li> </ul>       |
|     | Cement based Adhesive                        | <ul style="list-style-type: none"> <li>• Ultratech</li> </ul>                                                                                                                    |
|     | Tiles adhesives                              | <ul style="list-style-type: none"> <li>• Don Construction Chemical Pvt Ltd</li> </ul>                                                                                            |
| 8.  | Flush Doors                                  | <ul style="list-style-type: none"> <li>• Kutty,</li> <li>• Karnataka State forest department,</li> <li>• Green, Decorative Duroply (Green marked),</li> <li>• Kitply</li> </ul>  |
| 9.  | Plastic Laminates                            | <ul style="list-style-type: none"> <li>• Formica</li> <li>• Greenlam</li> <li>• Vir</li> <li>• Sundeck</li> <li>• Neoluxe</li> <li>• Bakelite Hylam</li> </ul>                   |
| 10. | Aluminium Sections                           | <ul style="list-style-type: none"> <li>• Indian Aluminium Co.</li> <li>• Hindustan Aluminium /</li> <li>• Jindal,</li> <li>• Bhoruka</li> </ul>                                  |
| 11. | Aluminium Composite Panel                    | <ul style="list-style-type: none"> <li>• Flexibond</li> <li>• Alucobond</li> <li>• AluKbond</li> <li>• Eurobond</li> <li>• AlucoPanel</li> </ul>                                 |
| 12. | Float Glass/Toughened Glass Insulating Glass | <ul style="list-style-type: none"> <li>• Float Glass India Ltd</li> <li>• Modiguard</li> <li>• Saint Gobain</li> <li>• Belgium glass Ltd</li> </ul>                              |

|     |                                     |                                                                                                                                                                                                                                                                                                                      |
|-----|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13. | Bevelled and Embossed Glass/Mirrors | <ul style="list-style-type: none"> <li>• Gujarat Guardian Ltd.</li> <li>• Modi</li> <li>• Saint Gobain</li> </ul>                                                                                                                                                                                                    |
| 14. | Powder Coatings                     | <ul style="list-style-type: none"> <li>• Berger</li> <li>• Nerocoat</li> <li>• Jenson &amp; Nicholson</li> </ul>                                                                                                                                                                                                     |
| 15. | Asphalt Emulsion                    | <ul style="list-style-type: none"> <li>• Karnak Chemical Corporation</li> <li>• STP</li> </ul>                                                                                                                                                                                                                       |
| 16. | Tile Joint Filler                   | <ul style="list-style-type: none"> <li>• Bal Adhesives &amp; Grouts</li> <li>• “Roff Rainbow Tile mate” of Roff construction Chemicals Pvt Ltd.</li> <li>• Winsil 20/Silicon Sealant of GE Bayer Silicon</li> <li>• “Zentrival FM” of MC-Bauchemie (IndiaPvt Ltd)</li> <li>• Apple Chemie</li> <li>• BASF</li> </ul> |
| 17. |                                     | <ul style="list-style-type: none"> <li>• Kajaria Ceramics Limited</li> <li>• Arpitha Exports</li> </ul>                                                                                                                                                                                                              |
| 18. | Heavy Duty Chequered Tiles          | <ul style="list-style-type: none"> <li>• NITCO</li> <li>• Modern Tiles</li> </ul>                                                                                                                                                                                                                                    |
| 19. | Ceramic Tiles                       | <ul style="list-style-type: none"> <li>• Kajaria</li> <li>• Bell</li> <li>• Spartek</li> <li>• Goldcoin</li> <li>• Johnson</li> <li>• Somany</li> <li>• RAK Ceramics</li> <li>• Murudeshwar Ceramics</li> </ul>                                                                                                      |
| 20. | Vitrified Tiles                     | <ul style="list-style-type: none"> <li>• “Naveen Diamontile” of Murudeshwar Ceramics Ltd.</li> <li>• “Granamite” of Restile Ceramics Limited</li> <li>• “Marbo Granit” of Bell Granito Ceramica Ltd</li> <li>• Johnson Tiles</li> <li>• Somany Tiles</li> </ul>                                                      |
| 21. | Marble blended Vinyl Tiles/Sheet    | <ul style="list-style-type: none"> <li>• Armstrong of Inarco Ltd</li> <li>• Terkett Floorings</li> <li>• Krishna Vinyl</li> </ul>                                                                                                                                                                                    |

|     |                         |                                                                                                                                                                                                                                                                                                                                                                         |
|-----|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 22. | Glass Mosaic Tiles      | <ul style="list-style-type: none"> <li>• Mridul Enterprises</li> <li>• Italia</li> <li>• Palladio</li> </ul>                                                                                                                                                                                                                                                            |
| 23. | Marble Mosaic Tiles     | <ul style="list-style-type: none"> <li>• Nitco</li> <li>• Basant Tiles</li> </ul>                                                                                                                                                                                                                                                                                       |
| 24. | Aluminum Linear Ceiling | <ul style="list-style-type: none"> <li>• Luxalan</li> <li>• Interarch</li> <li>• J C Industries</li> <li>• Hunter Douglas</li> <li>• Fundermax</li> <li>• Armstrong</li> </ul>                                                                                                                                                                                          |
| 25. | Steel Panel Ceilings    | <ul style="list-style-type: none"> <li>• Interarch</li> <li>• Armstrong</li> <li>• Metckaft</li> </ul>                                                                                                                                                                                                                                                                  |
| 26. | Resin Bonded Glass Wool | <ul style="list-style-type: none"> <li>• Rockloyd</li> <li>• Kingsway</li> <li>• LLYOD Insulations (INDIA) Ltd.</li> </ul>                                                                                                                                                                                                                                              |
| 27. | MS Tubes                | <ul style="list-style-type: none"> <li>• Tata</li> <li>• Lloyd Metal &amp; Engineering Co.</li> <li>• NSL Limited</li> </ul>                                                                                                                                                                                                                                            |
| 28. | Modified Bituminous     | <ul style="list-style-type: none"> <li>• “Multiplas Standard” of Integrated Waterproofing Membrane Limited</li> <li>• “SUPER THERMOLAY”/”POLYFLEX” of STP Limited .</li> <li>• “LOTUS-3” of the Structural Waterproofing Co. Limited</li> <li>• “HEAVY DUTY POLYPLY” of Ana Roofings Private Ltd</li> <li>• Apple chemie</li> <li>• Shell</li> <li>• Hincola</li> </ul> |
| 29. | Epoxy Putty             | <ul style="list-style-type: none"> <li>• “Techoxy” by Choksey Chemicals Pvt Ltd.</li> <li>• Apple chemie</li> </ul>                                                                                                                                                                                                                                                     |
| 30. | Polysulphide Sealants   | <ul style="list-style-type: none"> <li>• Pidilite Industries Ltd .</li> <li>• STP</li> <li>• Fosroc</li> <li>• Choksey</li> <li>• Apple chemie</li> </ul>                                                                                                                                                                                                               |

|     |                      |                                                                                                                                                                                                                      |
|-----|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                      | <ul style="list-style-type: none"> <li>• Supreme Bituchem India Pvt. Ltd.</li> </ul>                                                                                                                                 |
|     | Polyurethane sealant | <ul style="list-style-type: none"> <li>• Supreme Bituchem India Pvt. Ltd</li> </ul>                                                                                                                                  |
| 31. | Silicone Sealants    | <ul style="list-style-type: none"> <li>• G.E. Bayer Silicone</li> <li>• Dow Corning</li> <li>• Waclear</li> </ul>                                                                                                    |
| 32. | Sealant Joints       | <ul style="list-style-type: none"> <li>• Watson Bowman Acme Corporation</li> <li>• “Silpray” of G.E. Bayer Silicare</li> <li>• Don Construction Chemicals pvt ltd</li> </ul>                                         |
| 33. | Paints               | <ul style="list-style-type: none"> <li>• I.C.I.</li> <li>• Berger</li> <li>• Jonson &amp; Nicholson</li> <li>• Asian Paints</li> <li>• Dulux</li> <li>• Nerolac</li> <li>• Surfa</li> </ul>                          |
| 34. | Emulsion Paint       | <ul style="list-style-type: none"> <li>• ICI</li> <li>• Dulux Velvet</li> <li>• Luxol Silk</li> <li>• Jonson &amp; Nicholson</li> <li>• Asian Paints</li> <li>• Dulux</li> <li>• Nerolac</li> <li>• Surfa</li> </ul> |
| 35. | Synthetic Enamel     | <ul style="list-style-type: none"> <li>• I.C.I.</li> <li>• Berger</li> <li>• Jonson &amp; Nicholson</li> <li>• Asian Paints</li> <li>• Dulux</li> <li>• Nerolac</li> <li>• Surfa</li> </ul>                          |
| 36. | Texture Paints       | <ul style="list-style-type: none"> <li>• Spectrum</li> <li>• Unitile</li> <li>• Surfa</li> <li>• Birla</li> </ul>                                                                                                    |
| 37. | Polyurethane Paint   | <ul style="list-style-type: none"> <li>• MRF</li> <li>• Berger</li> </ul>                                                                                                                                            |

|     |                                      |                                                                                                                                                                                                                           |
|-----|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 38. | Wax Polish                           | <ul style="list-style-type: none"> <li>• Reckitt &amp; Colman</li> <li>• Asian</li> <li>• Berger</li> </ul>                                                                                                               |
| 39. | Melamine                             | <ul style="list-style-type: none"> <li>• ICI Delux Timberstone Melamine Coating</li> <li>• Asian /</li> <li>• Berger</li> </ul>                                                                                           |
| 40. | Membrane Water Proofing              | <ul style="list-style-type: none"> <li>• Padmaja Engineering Services, INC</li> <li>• Bitumat</li> <li>• Apple Chemie</li> <li>• Supreme Bituchem India Pvt. Ltd</li> <li>• Don Construction Chemicals pvt ltd</li> </ul> |
|     |                                      | <ul style="list-style-type: none"> <li>• BASF</li> <li>• Pidilite</li> <li>• Hindcom Chemicals Limited</li> </ul>                                                                                                         |
|     | Cement based water proofing          | <ul style="list-style-type: none"> <li>• Ultratech</li> </ul>                                                                                                                                                             |
| 41. | Cement Bonded Particle Board         | <ul style="list-style-type: none"> <li>• Bison Panel Board</li> <li>• Everest Industries</li> </ul>                                                                                                                       |
| 42. | Stainless Steel Railings             | <ul style="list-style-type: none"> <li>• Salem Steel</li> <li>• Jindal Stainless steel</li> <li>• GM 2 metal works</li> <li>• Entarchcon Infratech Pvt. Ltd.</li> </ul>                                                   |
| 43. | Raised (Access) Floor / Cavity floor | <ul style="list-style-type: none"> <li>• Hewetson</li> <li>• United Insulation</li> <li>• Proactive Systems</li> <li>• Universal Infrastructure Systems</li> </ul>                                                        |
| 44. | Fire Check Doors                     | <ul style="list-style-type: none"> <li>• Godrej</li> <li>• Shakthi Hormann Pvt.Ltd.</li> </ul>                                                                                                                            |
| 45. | Pressed Steel Door Frames            | <ul style="list-style-type: none"> <li>• Deccan Structural Systems Pvt. Ltd,</li> <li>• Agew</li> <li>• San-Harvic</li> </ul>                                                                                             |
| 46. | Ceramic Claustra                     | <ul style="list-style-type: none"> <li>• Scindia Potteris</li> </ul>                                                                                                                                                      |
| 47. | Interlocking Paving Tiles            | <ul style="list-style-type: none"> <li>• Pavestone Marketing Pvt Ltd</li> <li>• Nitco Marble &amp; Granite Pvt. Ltd</li> </ul>                                                                                            |
| 48. | Ashford Formula                      | <ul style="list-style-type: none"> <li>• JB Associates</li> </ul>                                                                                                                                                         |
| 49. | Eleganstone                          | <ul style="list-style-type: none"> <li>• Bubna Commodities (P) Ltd</li> </ul>                                                                                                                                             |
| 50. | Roc Wool                             | <ul style="list-style-type: none"> <li>• Lloyd Insulation (India) Ltd</li> <li>• ROCKWOOL</li> </ul>                                                                                                                      |

|     |                               |                                                                                                                                                                                                |
|-----|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 51. | Cavity Block                  | <ul style="list-style-type: none"> <li>• Apco Concrete Block</li> <li>• Besser Concrete Systems Ltd</li> <li>• Sobha Concrete Products</li> </ul>                                              |
| 52. | AAC Blocks                    | <ul style="list-style-type: none"> <li>• Hyderabad Industries Ltd</li> <li>• Ballarpur Industries Ltd</li> <li>• Ultratech</li> </ul>                                                          |
| 53. | Cement concrete designer tile | <ul style="list-style-type: none"> <li>• Eurocon tiles,</li> <li>• Duracrete</li> <li>• Ultra tiles.</li> </ul>                                                                                |
| 54. | Polycarbonate sheets          | <ul style="list-style-type: none"> <li>• GE Plastics (Lexan)</li> <li>• Tuflite</li> </ul>                                                                                                     |
| 55. | Iron Mongery                  | <ul style="list-style-type: none"> <li>• Dorma</li> <li>• Ozone</li> </ul>                                                                                                                     |
|     |                               | <ul style="list-style-type: none"> <li>• Kich</li> <li>• Yale</li> <li>• Dorset</li> <li>• Henderson</li> <li>• Ebco</li> </ul>                                                                |
| 56. | AAC Block joint adhesive      | <ul style="list-style-type: none"> <li>• Ultratech</li> <li>• Apple Chemie</li> </ul>                                                                                                          |
| 57. | Readymade Plastering          | <ul style="list-style-type: none"> <li>• Ultratech</li> <li>• Apple Chemie</li> </ul>                                                                                                          |
| 58. | Cement base grouting          | <ul style="list-style-type: none"> <li>• Ultratech</li> <li>• Apple Chemie</li> <li>• BASF</li> <li>• Supreme Bituchem India Pvt. Ltd</li> <li>• Don Construction Chemicals pvt ltd</li> </ul> |
| 59. | Baffel Celing                 | <ul style="list-style-type: none"> <li>• Armstrong</li> <li>• Hunter Douglas</li> </ul>                                                                                                        |
| 60. | Exterior cladding             | <ul style="list-style-type: none"> <li>• Hunter Douglas</li> <li>• Fundermax</li> </ul>                                                                                                        |
| 61. | Perforated metal ceiling      | <ul style="list-style-type: none"> <li>• Hunter Douglas</li> <li>• Fundermax</li> <li>• Armstrong</li> </ul>                                                                                   |
| 62. | Glass Dome                    | <ul style="list-style-type: none"> <li>• Entrachon Infratech Pvt. Ltd.</li> </ul>                                                                                                              |
| 63. | Tensile Roofing               | <ul style="list-style-type: none"> <li>• Saint Gobain</li> </ul>                                                                                                                               |
| 64. | Roof Latches                  | <ul style="list-style-type: none"> <li>• LATCHWAYS</li> </ul>                                                                                                                                  |
| 65. | AL Roof Vents                 | <ul style="list-style-type: none"> <li>• Agaris Airvent Systems</li> </ul>                                                                                                                     |

|     |                                            |                                                                                                                                                                                                                                                  |
|-----|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 66. | Roofing<br>1. Galvalume<br><br>2. Zinalume | <ul style="list-style-type: none"> <li>• Tata Blue Scope</li> <li>• JSW Steel</li> <li>• LLYOD Insulations (INDIA) Ltd.</li> <li>• VM Zinc</li> <li>• VIJAYANATH</li> <li>• LLYOD Insulations (INDIA) Ltd.</li> <li>• Tata Blue Scope</li> </ul> |
| 67. | Toilet Cubicles                            | <ul style="list-style-type: none"> <li>• Macro Enterprises</li> </ul>                                                                                                                                                                            |
| 68. | Tactile Flooring                           | <ul style="list-style-type: none"> <li>• Johnson Tiles</li> </ul>                                                                                                                                                                                |
| 69. | CEM Board                                  | <ul style="list-style-type: none"> <li>• USG Boral</li> <li>• NCL</li> </ul>                                                                                                                                                                     |

|     |                                |                                                                                                                                                                                             |
|-----|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 70. | Calcium Silicate Board         | <ul style="list-style-type: none"> <li>• Promat</li> </ul>                                                                                                                                  |
| 71. | AL windows & Glazing           | AJIT INDIA (Madras) Pvt. Ltd.                                                                                                                                                               |
| 72. | Cement                         | ACC, Ultratech, Gujarat, Ambuja, Grasim, JK Lakshmi                                                                                                                                         |
| 73. | Reinforcement Bars             | SAIL Plants, Rashtriya Ispat Nigam Ltd. Vizag Steel Plant, , Tata Steel , Ispat Industries , JSW Steel , JSPL, Essar Steel , Electrosteel steels limited (for use in non-dynamic structure) |
| 74. | Epoxy                          | FOSROC, SIKA QUALCRETE, Araldite, BASF                                                                                                                                                      |
| 75. | Expansion Joints               | Prequalified Manufacturers as per RDSO's latest approved list or as approved by NMRCL.                                                                                                      |
| 76. | Admixtures                     | FOSROC, MBT. MC Baucheme, Sika, APEX, Pidilite, BASF                                                                                                                                        |
| 77. | Pile Integrity Testing Agency  | CBRI. Pile Dynamic. AIMIL, Geo dynamic.                                                                                                                                                     |
| 78. | Anchor Fastener                | HILTi. FISHER, BAUCH                                                                                                                                                                        |
| 79. | Structural Steel               | TATA, SAIL, ESSAR, Jindal Steel & Power Ltd, JSW                                                                                                                                            |
| 80. | Stainless Steel                | Jindal. SAIL                                                                                                                                                                                |
| 81. | Pre-stressing Strand (LRPC)    | TATA SSL Ltd, USHA Martin,                                                                                                                                                                  |
| 82. | Welding Electrodes             | ESAB. Advani - Orlikon Weld Alloy. Modi L&T Eutectic,                                                                                                                                       |
| 83. | Pot/Elastomeric Bearings       | Prequalified Manufacturers as per RDSO's latest approved list                                                                                                                               |
| 84. | Horizontal Tie Bars/Shear Bars | BB Bars System, BBV Systems ,Dextra                                                                                                                                                         |



|      |                                           |                                                                                                       |
|------|-------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 85.  | HDPE Sheathing                            | Rex Polyextrusion, Gwalior Polypipes Ltd, M/s Dynamic Prestress                                       |
| 86.  | Formwork Release Agent                    | FOSROC, MBT, MC Baucheme, Ado Conmat, CICO, SWC, Choksey, BASF, Adoadditives, STP                     |
| 87.  | Prestressing System                       | Freyssinet, BBR, VSL, Dynamic, Killick Nixon, Tensacciai (India Ltd.), Usha Martin, Posten, VSIL      |
| 88.  | Reinforcement Couplers                    | Dextra, Moment                                                                                        |
| 89.  | Hollow Sections, Pipes                    | Surya Pipes, Hi-Tech Pipes, JSW, JSPL,                                                                |
| 90.  | Drainage Pipes                            | Tirupati Plastomatics, Duraline, REX, STIPL                                                           |
| 91.  | Acrylic Textured Coatings                 | Spectrum, Renova, Wallz, Surfa Nova, Jotun, Asian Paints                                              |
| 92.  | Non shrink Grout                          | Fosroc Chemical (India). SIKA BASF, ELCHEM, MBT. Sika.                                                |
| 93.  | Bonding Coat                              | CICO, FOSROC, Sunanda speciality coating Pvt. Ltd., BASF, SWC. TAM                                    |
| 94.  | Polysuphide Sealant                       | CICO. Pidilite. BASF. FOSROC. SWC, STP, SIKA, Fairmate                                                |
| 95.  | Steel Structural Fasteners                | Pooja Forge, Sundram Fasteners, Unbrako, Nelson, Panchsheel                                           |
| 96.  | Paints                                    | Berger, Johnson Nicholson, Nerclac, Asian,                                                            |
| 97.  | Micro Silica                              | Sika, Elkem, FOSROC. MAPEI. Comiche, Star Silica, TAM, CALIPAR, CICO                                  |
| 98.  | Fire Resistant Paints                     | Akzo Noble, PPG or equivalent, Jotun                                                                  |
| 99.  | External Acrylic Emulsion                 | Berger, Apex, Asian, Nerolac, Jenson & Nicklson                                                       |
| 100. | Integral Crystalline Waterproofing Method | Don Construction Chemicals pvt ltd                                                                    |
| 101. | Water stopper/Bar                         | Kanta Rubber. Greenstreak, Maruti, Duron                                                              |
| 102. | Liquid polymer membrane waterproofing     | INTEGRITANK, BASF. MAPEI, PIDILITE. DAVCO, CICO, Supreme Bituchem India Pvt. Ltd                      |
| 103. | Curing Compound                           | Clean tech concure, SINAK, FOSROC, Ado additives, TAM, STP SWC.CICO, Rheoplast Technologies pvt. Ltd. |
| 104. | Polycarbonate Sheets                      | M/s Gallina Acroplus. Coxwell, Poly U, Fabic, SABIC I.DANPALON                                        |
| 105. | Fly ash                                   | Thermal plant. Ashcrete, Ultra pozz, star pozz, (the fly ash shall be as per our specifications)      |
| 106. | False Ceiling                             | Hunter Douglas                                                                                        |

|      |                                                                                                                                                                                                                                                                                                                                                         |                                                                                        |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 107. | ACP                                                                                                                                                                                                                                                                                                                                                     | Hunter Douglas, Durobuild                                                              |
| 108. | Aluminum Louvers                                                                                                                                                                                                                                                                                                                                        | Hunter Douglas-LUXALON H-3 , CS-RS-1605                                                |
| 109. | SS Railing                                                                                                                                                                                                                                                                                                                                              | Sanvijay                                                                               |
| 110. | Barbed Wire / Chain-link fencing                                                                                                                                                                                                                                                                                                                        | Krishna Industries Bhilwara, / Concertina Coils<br>New Delhi,                          |
| 111. | PEB/Steel Structures/Pipe Structure                                                                                                                                                                                                                                                                                                                     | TT, Framacad, Voltagreen, Everest, ZAMIL                                               |
| 112. | Cement (For Brick Works, &<br>General Work, Wall/Boundary Wall<br>only)                                                                                                                                                                                                                                                                                 | Birla Gold (Manikgarh Cements)                                                         |
| 113. | MS Angles & Flats                                                                                                                                                                                                                                                                                                                                       | Ramson Steel (For general purpose only, not for<br>dynamic & heavy loading structures) |
| 114. | Corrosion Inhibitors -                                                                                                                                                                                                                                                                                                                                  | Krishna Conchem Product Pvt. Ltd.                                                      |
| 115. | Coal tar epoxy for sub-structure<br>protection.                                                                                                                                                                                                                                                                                                         | Krishna Conchem Product Pvt. Ltd.                                                      |
| 116. | Porotherm lightweight clay hollow<br>block/bricks                                                                                                                                                                                                                                                                                                       | Wienrberger Bangalore                                                                  |
| 117. | Fibrillated polypropylene fibers                                                                                                                                                                                                                                                                                                                        | Bajaj Steel Industries Limited (for non-dynamic<br>structure)                          |
| 118. | Pre Engineering Building<br>Pre fabricated Structural steel                                                                                                                                                                                                                                                                                             | M/S Kirby Building India Ltd                                                           |
| 119. | Cold Rolled, Galvanized,<br>Galvalume, Color Coated,<br>HRPO, HRSP, Plain,<br>Corrugated, Profilled, Sheets<br>and Coils                                                                                                                                                                                                                                | M/s JSW Steel Coated Product Ltd                                                       |
| 120. | Centrifugally Cast (Spun) iron pipes<br>and fittings as per IS 15905 & ISO 6595<br>standards.<br><br>Centrifugally cast iron pipes and fittings<br>as per IS 3989 specifications.<br><br>Ductile iron manhole covers, frames &<br>gratings as per EN-124 standards.<br><br>Cast iron manhole covers, frames &<br>gratings (ISI Marked) as per IS: 1726. | M/S Jayaswal Neco Industries Ltd                                                       |
| 121. | Aluminium Composite.<br><br>Aluminium Colour Coated Coils.                                                                                                                                                                                                                                                                                              | M/S Alstrong Enterpsies Pvt. Ltd                                                       |

|      |                                                                                                                           |                                                                             |
|------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 122. | Pre Engineering Building, Pre Fabricated Structural Steel Grade                                                           | M/S PHENIX Construction Technologies(A Division Of M&B Engineering Limited) |
| 123. | Waterproofing Membranes                                                                                                   | M/S Tiki Tar Danosa (India) Private Limited                                 |
| 124. | Fire rated Steel Doors, Fire rated timbers Doors ,Fire Barriers, Fire rated Sliding Doors and Fire rated Rolling Shutters | M/S Signum Fire Protection India PVT Ltd                                    |
| 125. | ALCCOFINE 1203 Micro fine additive for concrete and mortars                                                               | M/S Counto Microfine Products Pvt Ltd                                       |
| 126. | Profiling of Galvanized and Colour Coated Roofing and Decking Sheet from approved Manufactures of sheets                  | M/S Aditya Profiles Pvt Ltd                                                 |
| 127. | Manual Metal Arc Welding (MMAW) Electrodes                                                                                | M/S Weldfast Electrodes Pvt Ltd                                             |
| 128. | MS ERW Black, Galvanized Round Pipes<br>Hollow Sections                                                                   | M/S APL Apollo Tubes Limited                                                |
| 129. | Manhole Covers, Gully Covers, Overhead water tank covers, Underground water tank covers & Gratings                        | M/S HP International                                                        |
| 130. | Chemical Anchoring<br>Friulsider Mechanical Anchoring System                                                              | M/S Ripple Construction Products Pvt Ltd                                    |
| 131. | Bronze and Brass gate Globe check strainers and ball valves and ductile iron and Aluminium Butterfly valves               | M/S Kitz Corporation                                                        |
| 132. | Steel Wire Ropes                                                                                                          | M/S ORION ROPES Pvt Ltd                                                     |
| 133. | Pre Engineered Structures and Structural Steel                                                                            | M/S Apex Buildsys Turnkey Solution                                          |
| 134. | Industrial and decorative Paints, Powder Coating, Emulsion Paint, Synthetic Enamel and Polyurethane Paint                 | M/S Kansai Nerolac Paints Limited                                           |

|      |                                                                                                                                                                                                                                                       |                                      |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| 135. | SHELLOXY-Crack bridging, decorative, flexible, anti-carbonation and waterproofing coating for concrete<br><br>SUPER SHIELD SELFPROTEK – Heavy Duty ,Cold applied, self adhesive water proofing membrane with HMHDPE laminated for electric insulation | M/S Supreme Bituchem India Pvt Ltd   |
| 136. | Rerolling of steel section, column section , Wide flange beam, channel section ,angle section for Non Dynamic Structures                                                                                                                              | M/s Shri Bajrang Alloys Ltd.         |
| 137. | Hot Rolled Structural Steel , Beam - 200mm to 600mm, Channel- 200mm to 600 mm ,Angle -130 mm to 200 mm and H-Beam -150 mm to 200 mm for Non Dynamic Structures                                                                                        | M/s Topworth steel &power Pvt Ltd.   |
| 138. | Pre Engineered Building (Steel Column & steel Roof)                                                                                                                                                                                                   | M/s Richa Industries Ltd.            |
| 139. | Integral waterproofing compound, Wall putty, Floor hardeners, Grouts for machine foundation, Epoxy bonding agent and structural repair product                                                                                                        | M/s Perma Construction Aids Pvt Ltd. |

|      |                                                                                                                                                                                                                                                                    |                                  |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| 140. | Expansion joints, Epoxy Formwork Release Agent , Segment Bonding Agent , Acrylic Textured Coating, Bonding Coat or Bonding Agent, Polysulphide Sealant, Water Stopper /Bar, Liquid Polymer membrane Waterproofing, Curing Compound, Waterproofing Systems, Polymer | M/s Fair Mate Chemicals Pvt Ltd. |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|

The above list is not exhaustive. Contractor may proposes similar product of other reputed vendor too for the works. However the approval /acceptance / rejection of proposed vendor rest with NMRCL.

## Vendor List for MEP Works

| Sl. No.                                  | Item                                                                                           | Proposed vendor List for NMRCL                                                                                                                                                                              |
|------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Vendor List for Electrical items:</b> |                                                                                                |                                                                                                                                                                                                             |
| 1.1                                      | MS/GI Conduits ISI embossed black enamelled / galvanized                                       | AKG BEC,                                                                                                                                                                                                    |
| 1.2                                      | MS/GI Conduit accessories superior type as per approved samples                                | Sharma Sales Corporation<br>Super Sales Corporation                                                                                                                                                         |
| 1.3                                      | PVC rigid conduit and accessories ISI embossed                                                 | BEC,<br>AK                                                                                                                                                                                                  |
| 1.4                                      | PVC flexible conduit and accessories                                                           | PMA-SSK                                                                                                                                                                                                     |
| 1.5                                      | MS Raceways and raceway accessories.                                                           | V K Industries<br>Steelways                                                                                                                                                                                 |
| 1.6                                      | Cable trays & Cable ladder                                                                     | Indo Asian<br>Profab<br>Patny<br>Innospacer<br>Rattan<br>Omcarr<br>Emco<br>Mahaveer,kalkatta<br>Technofab Engineers<br>Sunrise Electrical Industries<br>M K Industries<br>Sai Cable Tray<br>Pinnacle metals |
| <b>2</b>                                 | <b>Wires, cables and cable accessories</b>                                                     |                                                                                                                                                                                                             |
| <b>2.1</b>                               | <b>Wires</b>                                                                                   |                                                                                                                                                                                                             |
| 2.1.1                                    | 1100 volt grade FRLSZH /FR PVC insulated stranded copper conductor wires                       | Finolex<br>Polycab<br>Bon Ton<br>KEI<br>RR cable<br>Anchor<br>RPG<br>Universal<br>Leoni<br>Lapp                                                                                                             |
| <b>2.2</b>                               | <b>1100 volt grade Cables</b>                                                                  |                                                                                                                                                                                                             |
| 2.2.1                                    | 1100 volt grade ,armoured, XLPE FRLSZH/Fire Resistant cable, Copper/Aluminium Conductor cables | Poly cab<br>Havells<br>Finolex<br>KEI<br>RR cable<br>Anchor<br>RPG<br>Universal<br>Leoni                                                                                                                    |

|            |                                                                                         |                                                        |
|------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------|
|            |                                                                                         | Lapp<br>Cords<br>Rallison<br>Govind cables             |
| <b>2.3</b> | <b>Cable Accessories</b>                                                                |                                                        |
| 2.3.1      | 1100 volts Doubles compression brass cable glands                                       | Dowells,<br>Peeco,<br>Comet<br>Siemens                 |
| 2.3.2      | 1100 volts Doubles compression PVC cable glands                                         | Trinity Touch (Jacob)                                  |
| 2.3.3      | 1100 volt Cable lugs                                                                    | Dowell's (Biller India Pvt. Ltd)                       |
| 2.3.4      | Terminal blocks & cage clamps                                                           | ELMEXX, PHOENIX, WAGO, Connectwel                      |
| <b>3</b>   | <b>Wiring accessories</b>                                                               |                                                        |
| 3.1        | Modular grid plate wiring accessories (switches, socket outlets bells etc.) with boxes. | Siemens<br>Honeywell Wraparound Plus<br>Legrand Mosaic |
| 3.2        | Metal clad Socket Outlets with boxes                                                    | Anchor<br>MK<br>Legrand<br>Crabtree                    |
| 3.3        | Under floor junction boxes and cable management system                                  | Legrand                                                |
| 3.4        | Weather Proof plugs and sockets (IP 65 / 66)                                            | Neptune<br>Legrand                                     |
| <b>4.</b>  | <b>Distribution equipment</b>                                                           |                                                        |
| <b>4.1</b> | <b>Switchgear</b>                                                                       |                                                        |
| 4.1.1      | MCB's/RCCB's                                                                            | L&T, GE, ABB, Siemens, Schneider, Merlin Gerin         |
| 4.1.2      | Earth leakage circuit breaker                                                           | L&T, GE, ABB, Siemens, Schneider, Merlin Gerin         |
| 4.1.3      | Timers in Distribution Boards                                                           | L&T, GE, ABB, Siemens, Schneider, Merlin Gerin         |
| 4.1.4      | Distribution Boards                                                                     | Schneider<br>Siemens<br>Legrand Lexic                  |
| <b>4.2</b> | <b>Circuit Breakers</b>                                                                 |                                                        |
| 4.2.1      | Moulded Case Circuit Breakers, Motor protection circuit breaker                         | L&T, GE, ABB, Siemens, Schneider, Merlin Gerin         |
| 4.2.2      | Switch Fuse Units and Isolators                                                         | L&T, GE, ABB, Siemens, Schneider, Merlin Gerin         |
| 4.2.3      | Change over switch / Isolators                                                          | L&T<br>HH Elcon                                        |
| 4.2.4      | Air Circuit Breaker                                                                     | L&T, GE, ABB, Siemens, Schneider, Merlin Gerin         |
| 4.2.5      | Automatic transfer switch (ATS)                                                         | Tricolite ASCO<br>Cummins<br>Socomac                   |
| 4.2.6      | Power/auxiliary, Capacitor control Contactors, overload relays                          | L&T, GE, ABB, Siemens, Schneider, Merlin Gerin         |
| 4.2.7      | MPP heavy duty Capacitors                                                               | Siemens (Epcos),<br>Neptune Ducati                     |
| <b>4.3</b> | <b>Accessories</b>                                                                      |                                                        |

|            |                                                                           |                                                                                                       |
|------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 4.3.1      | Protection relays electromechanical                                       | Areva,<br>ABB,<br>L&T,                                                                                |
| 4.3.2      | Protection Relays Numeric                                                 | Areva,<br>ABB,<br>Siemens                                                                             |
| 4.3.3      | APFC relay 3 phase                                                        | L&T,<br>Ducati Neptune<br>Conzerv,                                                                    |
| 4.3.4      | Single phase preventer, overload relays                                   | Siemens<br>ABB,<br>Schneider Electric,                                                                |
| 4.3.5      | Current Transformer                                                       | Gillbert & Maxwell,<br>Precise, AE,                                                                   |
| 4.3.6      | Control / Potential Transformer                                           | Gillbert & Maxwell,<br>Precise,<br>AE                                                                 |
| 4.3.7      | Push Buttons, Indicating lamps LED                                        | L&T, GE, Siemens, Schneider,                                                                          |
| 4.3.8      | Selector switches                                                         | L&T, Siemens,                                                                                         |
| 4.3.9      | Instruments – analogue                                                    | L&T Rishab,<br>AE,                                                                                    |
| 4.3.10     | Digital meters                                                            | L&T, Schneider,                                                                                       |
| 4.3.11     | Power and harmonic analyzer                                               | Conzerv<br>Secure<br>Neptune Ducati                                                                   |
| 4.3.12     | Programmable Logic Controller (PLC)                                       | Allen Bradley,<br>Siemens                                                                             |
| <b>4.4</b> | <b>LT 415 volt switchboards</b>                                           |                                                                                                       |
| 4.4.1      | Main LT switchboards<br>PLC Panels<br>Capacitor Panels<br>Floor LT panels | Dricolite,<br>EMCO Switchgear,<br>Power control,<br>Bajaj,<br>Lotus,<br>Pragathi control,<br>Pyrotech |
| <b>5.</b>  | <b>Bus Trunking</b>                                                       |                                                                                                       |
| 5.1        | Lighting Bus Trunking                                                     | Dricolite,<br>EMCO Switchgear,<br>Power control,<br>Bajaj,<br>Lotus,<br>Pragathi control,<br>Pyrotech |
| <b>6.</b>  | <b>Light Fixture &amp; Accessories</b>                                    |                                                                                                       |
| 6.1        | Light fittings                                                            | Philips, Wipro, GE                                                                                    |
| 6.2        | Area Lighting Masts                                                       | Wipro, Philips, GE                                                                                    |
| 6.3        | Circulator fans/exhaust fans                                              | Crompton Greaves, Orient, Khaitan, Almonard                                                           |



|                                              |                                            |                                                                         |
|----------------------------------------------|--------------------------------------------|-------------------------------------------------------------------------|
| 6.4                                          | Lighting Control system                    | Hubbell, Dynalite, Wipro                                                |
| 6.5                                          | Ceiling Fans                               | Crompton Greaves, Orient, Khaitan                                       |
| 6.6                                          | LED                                        | Nichia, Lumileds, Citizen, Cree, LG                                     |
| <b>7.</b>                                    | <b>UPS System</b>                          |                                                                         |
| 7.1                                          | UPS System                                 | Emerson<br>Delta<br>Socomac<br>Hireal                                   |
| 7.2                                          | UPS Battery                                | Exide, Farukawa, Standard, Aamaraja                                     |
| <b>8.</b>                                    | <b>Miscellaneous Sub Station equipment</b> |                                                                         |
| 8.1                                          | Rubber mats                                |                                                                         |
| 8.2                                          | CO2 Fire extinguishers                     | Fire Traces<br>Tyco                                                     |
| 8.3                                          | Battery banks maintenance free VRLA        | HBL Nife<br>Exide,<br>Amar Raja,<br>Standard Furukawa                   |
| 8.4                                          | Battery charger                            | HBL Nife<br>AE<br>Caldyne,<br>Amar Raja                                 |
| <b>9</b>                                     | <b>Miscellaneous</b>                       |                                                                         |
| 9.1                                          | Anchor Fastener                            | Hilti,<br>Fisher                                                        |
| 9.2                                          | Welding rods                               | Advani Oerlikon<br>L&T                                                  |
| 9.3                                          | Paints                                     | ICI,<br>Asian,<br>Shalimar                                              |
| 9.4                                          | Fire sealing material                      | Hilti<br>Birla 3M<br>Roxtec                                             |
| 10                                           | BMS / SCADA                                | GE<br>Honey well<br>Mitsubishi<br>Siemens<br>Rockwell Automation<br>ABB |
| 11                                           | DG SET                                     | Sudhir<br>Powerica<br>Mahindra<br>Jackson                               |
| <b>Vendor List for Fire Fitting Systems:</b> |                                            |                                                                         |
| 1                                            | Fire hydrant valves                        | Inter Valves<br>Lehary<br>Kartar<br>Zotoisi                             |

|    |                                               |                                                       |
|----|-----------------------------------------------|-------------------------------------------------------|
|    |                                               | Sant                                                  |
| 2  | Piping                                        | TATA ,Jindal,<br>Apollo,Values                        |
| 3  | Fire hose pipes with Stainless Steel coupling | New Age Ind.<br>CRC<br>Jayshree                       |
| 4  | Rubber hose reel                              | Jyoti<br>Maruti                                       |
| 5  | First aid fire hose reels                     |                                                       |
| 6  | Fire extinguishers                            | Minimax<br>Safex                                      |
| 7  | Sprinkler heads                               |                                                       |
|    | (a) Sidewall type                             |                                                       |
|    | (b) Sprinkler intelligent (auto start / shut) | Tyco<br>Reliable<br>Grinnell                          |
| 8  | Horizontal centrifugal pumps                  | Kirlosker<br>WILO<br>KSB<br>Groundfas<br>Becon<br>CRI |
| 9  | Electric motors                               | Siemens, KEC, CGL                                     |
| 10 | Electrical switch gear & starter              | As per electrical works                               |
| 11 | Cables                                        | As per electrical works                               |
| 12 | Flow switch                                   | System Sensor, Potter                                 |
| 13 | Suction strainer                              | Leader / Zoloto                                       |
| 14 | Vibration eliminator connectors               | Resistoflex                                           |
| 15 | Fire alarm detectors                          | Edwards<br>Notifier                                   |
| 16 | Panel Flooding(CO2)                           | FireDe Tech<br>Fire Traces                            |

**Vendor list for HVAC System**

|    |                                 |                                                        |
|----|---------------------------------|--------------------------------------------------------|
| 1  | VRV Unit                        | Toshiba<br>Blue star<br>Voltas<br>Daikin<br>Mitsubishi |
| 2. | Fans                            | Flakt, Kruger, System Air, Marathon                    |
| 3  | Grille/diffuser and fire damper | Caryaire, Ravistar, Air Flow                           |
| 4  | Factory fabricated ducting      | Rolastar, Zeco,Techno Fabriduct                        |

|    |                                                                           |                                |
|----|---------------------------------------------------------------------------|--------------------------------|
| 5  | Fiber glass Insulation                                                    | UP Twiga, Kimco, Owens Corning |
| 6  | Anchor Fasteners                                                          | Hilti, Fischer                 |
| 7  | MS/GI Conduits ISI embossed black enamelled / galvanized                  | As per Electrical works        |
| 8  | Cable trays & Cable ladder                                                | As per Electrical works        |
| 9  | 1100 volt grade XLPE Insulated Aluminium Conductor cables                 | As per Electrical works        |
| 10 | 1100 volts Doubles compression brass cable glands                         | As per Electrical works        |
| 11 | MCB's/RCCB's                                                              | As per Electrical works        |
| 12 | Moulded Case Circuit Breakers, Motor protection circuit breaker           | As per Electrical works        |
| 13 | Main LT switchboards<br>PLC Panels<br>Capacitor Panels<br>Floor LT panels | As per Electrical works        |
| 14 | Electrical motors                                                         | CGL, Siemens, KEC              |
| 15 | Welding rods                                                              | Advani Oerlikon, L&T           |

**Vendor list for Public Health Engineering**

|   |                   |                                   |
|---|-------------------|-----------------------------------|
| 1 | Sanitary Fittings | Parryware<br>Jaquware<br>Hindware |
| 2 | Water Cooler      | Blue star<br>Daiken<br>Volts      |
| 3 | Water heater      | Bajaj<br>Smith                    |
| 4 | Piping            | TATA<br>Jindal                    |

|   |                              |                                                      |
|---|------------------------------|------------------------------------------------------|
|   |                              | Apollo<br>Values                                     |
| 5 | Horizontal centrifugal pumps | Kirlosker<br>WILO<br>KSB<br>Grundfos<br>Becon<br>CRI |
| 6 | Valves                       | Inter Valves<br>Lehary<br>Kartar<br>Zotoisi<br>Sant  |