The Technical specification of Heavy Duty Storage Racking System (2400 mm Height) and Heavy Duty Storage Racking System (4200 mm Height) have been amended. The amended specifications are as below:

| Revised Technical Specifications of item Heavy Duty Storage Racking System (2400 mm Height):- |  |   |  |  |  |
|---|--|---|--|--|--|
| S.No.   | Description                              | Measurements  |  |  |  |
| 1   | Height of the rack -                     | 2400MM <u>+</u> 10MM  |  |  |  |
| 2   | Horizontal beam length                   | 2300MM± 10MM (for Main and Add-on Module)   |  |  |  |
|   |  | 1300MM± 10MM (for Half Main and Half Add-on module)   |  |  |  |
| 3   | Depth of rack                            | 900MM <u>+</u> 05MM   |  |  |  |
| 4   | Number of level                          | TWO   |  |  |  |
| 5   | Capacity per level                       | 2000 Kilo Grams. (UDL.)   |  |  |  |
| 6   | Length of Decking                        | 900MM <u>+</u> 5MM  |  |  |  |
| 7   | No's of Decking Panels per level         | Length, width & Qty. of decking panel should be as per quoted HDR System with sheet thickness 1.4 mm12-14 bend roll formed with cold stapling of the loose ends or Press bending, for Main and Add on Module, Half Main Module and Half Add-on Module  It should cover entire 2300 mm x 900 mm without spacing. |  |  |  |
| 8   | Capacity per module                      | 4000 Kilo Grams (UDL)   |  |  |  |
| 9   | UPRIGHT FRAME                            | 1 /   |  |  |  |
|   | 1. UPRIGHT CHANNEL -                     | Length: 2400 MM (for 8')  Section size should be minimum 80x60 mm or higher as per design requirement (12 bend section)   |  |  |  |
|   | 2. ADJUSTABLE PITCH HEIGHT               | 75 MM   |  |  |  |
|   | 3. BASE PLATE :                          | 200 x 150 x 4.0 MM  |  |  |  |
|   | 4. ANCHOR BOLT:                          | Length: 100MM , Section: M12 x 100(Galvanized/Electroplated)  |  |  |  |
|   | 5. HORIZONTAL BRACING                    | Length: According to 900mm depth C Section as per quoted design requirement Thickness 1.6 MM  |  |  |  |
|   | 6. DIAGONAL BRACING                      | Length: According to 900mm depth C Section as per quoted design requirement Thickness 1.6 MM  |  |  |  |
| 10  | HORIZONTAL BEAM                          |   |  |  |  |
|   | 1. BEAM CHANNEL                          | Length: 2300 MM<br>Section: $50\pm 10$ mm x $90\pm 10$ mm x $1.6$ MM<br>BOX TYPE SECTION (crimping / welding)   |  |  |  |
|   | 2. LOCKING PIN                           | 02 per beam   |  |  |  |
|   | 3. DECKING PANEL (Drop over type design) | Length: 900MM, Length, width & Qty. of decking panel should be as per quoted HDR System with sheet thickness 1.4 mm12-14 bend roll formed with cold stapling of the loose ends or Press bending, for Main and Add on Module, Half Main Module and Half Add-on Module  |  |  |  |
|   |  | The deck panel shall be of <b>12-14 bend.</b>   |  |  |  |

| 11 | Material:  |  |  |  |  |
|----|--|--|--|--|--|
|    | 1. All the components shall be thoroughly pre-treated in 8 stage pre treatment process and all the components shall be epoxy powder coated and film thickness of minimum 50 microns. |  |  |  |  |
|    | 2. Steel used should be high grade IS: 10748 or IS: 5986 or equivalent standard DIN 17100 and 513 D (for decking panels) with necessary test certificates.                           |  |  |  |  |
| 12 | Color:   |  |  |  |  |
|    | Orange color for beam and base plate rest all components should be in blue color.  |  |  |  |  |

## Terms & Conditions

- 1. Manufacturer should be ISO 9001 certified.
- 2. Guarantee: Two years on equipment from the date of installation.
- 3. Certificate of Testing (For Weight bearing capacity and Color coating film thickness) should be submitted in Technical Bid, from NABL certified Competent lab / Government Testing House.
- 4. For each Site Measurement Verification shall be done by successful bidder themselves and get it approved than only Supply & Installation will be done by the supplier free of cost.
- 5. The service engineer should be based in Rajasthan.
- 6. The company should mention the make and model name/number of the quoted equipment and submit the technical brochure of the quoted model in the technical compliance sheet as per technical specifications.

| Heigh | <u>t):-</u>                      |  |  |  |
|-------|----------------------------------|--|--|--|
| S.No. | Description                      | Measurements   |  |  |
| 1     | Height of the rack -             | 4200MM <u>+</u> 10MM   |  |  |
| 2     | Horizontal beam length           | 2300MM± 10MM (for Main and Add-on Module)  |  |  |
|       |                                  | 1300MM± 10MM (for Half Main Module and Half Add  |  |  |
|       |                                  | on module)   |  |  |
| 3     | Depth of rack                    | 900MM <u>+</u> 05MM  |  |  |
| 4     | Number of level                  | THREE  |  |  |
| 5     | Capacity per level               | 2000 Kilo Grams. (UDL.)  |  |  |
| 6     | Length of Decking                | 900MM <u>+</u> 5MM   |  |  |
| 7     | No's of Decking Panels per level | Length, width & Qty. of decking panel should be as per   |  |  |
|       |                                  | quoted HDR System with sheet thickness 1.4 mm12-14   |  |  |
|       |                                  | <b>bend</b> roll formed with cold stapling of the loose ends or Press bending, for Main and Add on Module, Half Main |  |  |
|       |                                  | Module and Half Add-on Module  |  |  |
|       |                                  | Wodule and Hall Add-on Wodule  |  |  |
|       |                                  | It should cover entire 2300 mm x 900 mm without  |  |  |
|       |                                  | spacing.   |  |  |
| 8     | Capacity per module              | 6000 Kilo Grams (UDL)  |  |  |
| 9     | UPRIGHT FRAME                    | ,  |  |  |
| -     | 1. UPRIGHT CHANNEL -             | Length: 4200 MM (for 14')  |  |  |
|       |                                  | Section size should be minimum 80x60 mm or   |  |  |
|       |                                  | higher as per design requirement (12 bend  |  |  |
|       |                                  | section)   |  |  |
|       | 2. ADJUSTABLE PITCH HEIGHT       | 75 MM  |  |  |
|       | 3. BASE PLATE :                  | 200 x 150 x 4.0 MM   |  |  |
|       | 4. ANCHOR BOLT:                  | Length: 100MM,   |  |  |
|       |                                  | Section: M12 x 100(Galvanized/Electroplated)   |  |  |
|       | 5. HORIZONTAL BRACING            | Length: According to 900mm depth   |  |  |
|       |                                  | C Section as per quoted design requirement   |  |  |
|       |                                  | Thickness 1.6 MM   |  |  |
|       | 6. DIAGONAL BRACING              | Length: According to 900mm depth   |  |  |
|       |                                  | C Section as per quoted design requirement   |  |  |
| 10    | HORIZONTAL BEAM                  | Thickness <u>1.6 MM</u>  |  |  |
| 10    | 1. BEAM CHANNEL                  | Length: 2300 MM  |  |  |
|       | 1. DEAW CHANNEL                  | Section: $50\pm 10 \text{ mm} \times 90\pm 10 \text{ mm} \times 1.6 \text{ MM}$                                      |  |  |
|       |                                  | BOX TYPE SECTION (crimping / welding)  |  |  |
|       | 2. LOCKING PIN                   |  |  |  |
|       |                                  | Four per beam  |  |  |
|       | 3. DECKING PANEL                 | Length: 900MM ,  |  |  |
|       | (Drop over type design)          | Length, width & Qty. of decking panel should be  |  |  |
|       |                                  | as per quoted HDR System with sheet thickness  |  |  |
|       |                                  | 1.4 mm12-14 bend roll formed with cold   |  |  |
|       |                                  | stapling of the loose ends or Press bending, for   |  |  |
|       |                                  | Main and Add on Module, Half Main Module and   |  |  |
|       |                                  | Half Add-on Module   |  |  |
|       |                                  | The deals would shall be of 12, 14 hand  |  |  |
|       |                                  | The deck panel shall be of <b>12-14 bend</b> .   |  |  |

| 11 | Material:  |  |  |  |
|----|--|--|--|--|
|    | <ol> <li>All the components shall be thoroughly pre-treated in 8 stage pre treatment process and all the components shall be epoxy powder coated and film thickness of minimum 50 microns.</li> <li>Steel used should be high grade IS: 10748 or IS: 5986 or equivalent standard DIN 17100 and 513 D (for decking panels) with necessary test certificates.</li> </ol> |  |  |  |
| 12 | Color:   |  |  |  |
|    | Orange color for beam and base plate rest all components should be in blue color.  |  |  |  |

## Terms & Conditions

- 1. Manufacturer should be ISO 9001 certified.
- 2. Guarantee: Two years on equipment from the date of installation.
- 3. <u>Certificate of Testing (For Weight bearing capacity and Color coating film thickness) should be submitted in Technical Bid</u>, from NABL certified Competent lab / Government Testing House.
- 4. For each Site Measurement Verification shall be done by successful bidder themselves and get it approved than only Supply & Installation will be done by the supplier free of cost.
- 5. The service engineer should be based in Rajasthan.
- 6. The company should mention the make and model name/number of the quoted equipment and submit the technical brochure of the quoted model in the technical compliance sheet as per technical specifications.

## बिडर वित्तीय बिड (Financial Bid) के रूप में निम्न प्रारूप में अपनी दरें आवश्यक रूप से प्रस्तुत करें :-

| S.No. | Name of component for 2400mm heavy duty | Main module | Half main<br>module | Addl. Module | Addl. half<br>Module |
|-------|---|-------------|---------------------|--------------|----------------------|
|       | • •                                     |             | illoudie            |              | IVIOGUIE             |
|       | rack:-                                  |             |                     |              |                      |
| 1     | Basic rate(In Rs.)                      |             |                     |              |                      |
| 2     | GST in %                                |             |                     |              |                      |
| 3     | Total rate including GST                |             |                     |              |                      |
|       | (In Rs.)                                |             |                     |              |                      |

| S.No. | Name of component for 4200mm heavy duty rack:- | Main module | Half main<br>module | Addl. Module | Addl. half<br>Module |
|-------|--|-------------|---------------------|--------------|----------------------|
| 1     | Basic rate(In Rs.)                             |             |                     |              |                      |
| 2     | GST in %                                       |             |                     |              |                      |
| 3     | Total rate including GST (In Rs.)              |             |                     |              |                      |

Note: If prices are not upload by bidder in above format, The bidder may liable to reject.