



ब्रेथवैट एण्ड कम्पनी लिमिटेड  
(भारत सरकार का एक उपक्रम)

**BRAITHWAITE & CO LIMITED**

(A Government of India Undertaking)

**MINISTRY OF RAILWAYS**

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CIN-‘U74210WB1976GOI030798’

**Corrigendum No. 1 dated 06.11.2017**

**To**

**TENDER ENQUIRY No: BCL/PUR/FAB/BRN22.9/140/CW/17/R1 dated 26.10.2017**

I) Content of B.(ii) of Page No. 4 of 17 may be read as:

| <b>B</b> | <b>COMPONENTS &amp; CONSUMABLES</b>  | <b>BCL's Scope</b> | <b>Agency's Scope</b> | <b>Remarks</b>   |
|----------|--|--------------------|-----------------------|--|
| ii       | All DM & Non DM Components including Coupler Rod, Bearing Piece, Towing Hook, Lock Bolts, Rivets & Fasteners | ✓                  | ✓                     | List of Components of BCL Scope is given in <b>Annexure – 2</b> and the list of components of party's scope given in <b>Annexure – 1</b> |

Detailed Annexures are enclosed herewith.

II) Due Date of submission for the above tender has been extended upto **10.11.2017 at 2.30 pm.** Techno-commercial Bid of the above tender shall be opened on **10.11.2017 at 3.00 pm** All other terms & Conditions shall remain unaltered.

For Braithwaite & Co. Ltd.

**BRAITHWAITE & CO. LIMITED**

**ANNEXURE-1**

**LIST OF BOUGHT-OUT COMPONENTS FOR NON-DM ITEMS (TO BE SUPPLIED BY CONTRACTOR)**

| <b>Sl. No.</b> | <b>Drawing Number</b>  | <b>Description</b>                                       | <b>Nos. per Wagon</b> | <b>Material / RDSO Specification</b>          | <b>Ref. Drawing No.</b>   |
|----------------|------------------------|--|-----------------------|---|---------------------------|
| 1              | WD-09053-S-03 (It.11)  | C.I. Standard Plate (English) fitted with month plate    | 1 No.                 | Cast Iron Gr. FG 150 (IS:210)                 | W/ML-7                    |
| 2              | WD-09053-S-03 (It.11)  | C.I. Standard Plate (Hindi) fitted with month plate      | 1 No.                 | -do-  | W/ML-14                   |
| 3              | WD-09053-S-03 (It.12)  | Perished Label Holder                                    | 2 Nos.                | IRS:M-44                                      | W/ML-11                   |
| 4              | WD-09053-S-08 (It.11)  | Hand Brake Bevel Wheel                                   | 2 Nos.                | IS:2062 Fe 410 WA                             | W/BG-1131                 |
| 5              | WD-09053-S-08 (It.19)  | Hand Brake Bevel Gear Box                                | 1 No.                 | Iron Casting IS:210                           | W/BG-1133                 |
| 6              | WD-09053-S-11 (It.15)  | Clamp for Pipe 32 N.B.                                   | 13 Nos.               |   | WD-04058-S-01, Alt.3 It.3 |
| 7              | WD-09053-S-11 (It.16)  | Clamp for Pipe 32 N.B.                                   | 2 Nos.                |   | WD-04058-2-01, Alt.3 It.4 |
| 8              | WD-09053-S-11 (It.17)  | Clamp for Pipe 20 N.B.                                   | 7 Nos.                |   | WD-04058-S-01, Alt.3 It.1 |
| 9              | WD-09053-S-11 (It.18)  | Packing 120 x 40 x 40 (Impregnated Compressed Laminated) | 15 Nos.               | WD-20 ABR-07                                  |                           |
| 10             | WD-09053-S-11 (It.21)  | Packing 100 x 40 x 15 (Impregnated Compressed Laminated) | 7 Nos.                | WD-20 ABR-07                                  |                           |
| 11             | WD-09053-S-11 (It.22)  | M 10 x 130 long with Nut and Spring Washer.              | 34 Nos.               | IS:1364 & IS:3063                             |                           |
| 12             | WD-09053-S-11 (It.24)  | M 10 x 100 long with Nut and Spring Washer               | 10 Nos.               | IS:1364 & IS:3063                             |                           |
| 13             | WD-09053-S-15 (It.1)   | Link- 20 dia Rod   | 24 Nos.               | IRS: M44                                      |                           |
| 14             | WD-09053-S-15 (It.2)   | Bracket  | 24 Nos.               | IRS: M44                                      |                           |
| 15             | WD-09053-S-10 (It.3)   | Bearing Piece  | 2 Nos.                | IS:2062                                       | W/BD-6284                 |
| 16             | WD-08093-S/2 (It.10)   | Brake Block Key  | 8 Nos.                |   |                           |
| 17             |                        | Towing Hook  | 4 Nos.                |   |                           |
| 18             | WD-09053-S-10 (It.1)   | Coupler Rod (for Air Brake)                              | 2 Nos.                | IS:2062 Fe 410 CuWA                           |                           |
| 19A            | WD-09053-S-06 (It.6)   | Bolster Center Pressing                                  | 2 Nos.                | IS:5986 Fe360                                 |                           |
| 19B            | WD-09053-S-06 (It.4)   | Bolster Stiffening Pressing (2R + 2L)                    | 4 Nos.                | IS:5986 Fe360                                 |                           |
|                | <b>CSK HEAD SCREW:</b> |  |                       |   |                           |
| 20             | WD-09053-S-16 (It.13)  | M 20 x 110 long Slotted CSK Head Screw with Hex Nut to   | 8 Nos.                | IS:1367 Pt-III-79 property Class 4 & IS: 1365 |                           |
| 21             | WD-09053-S-04 (It.28)  | Side Bearer Taper Plate 160 x 16 thick x 520 long        | 4 Nos.                | IRS: M44                                      |                           |
|                | <b>PIN</b>             |  |                       |   |                           |
| 22             | WD-09053-S-09          | PIN At-1   | 1 No.                 | IRS: M44                                      | L/PN-613/M                |
| 23             | WD-09053-S-09          | PIN At-2   | 1 No.                 | IRS: M44                                      | L/PN-613/M                |
| 24             | WD-09053-S-09          | PIN At-3   | 1 No.                 | IRS: M44                                      |                           |
| 25             |                        | PIN W/PN-57  | 1 No.                 |   |                           |
| 26             |                        | PIN W/PN-89  | 1 No.                 |   |                           |
| 27             |                        | PIN W/PN-617   | 1 No.                 |   |                           |

**BRAITHWAITE & CO. LIMITED**

**ANNEXURE-1**

**LIST OF BOUGHT-OUT COMPONENTS FOR NON-DM ITEMS (TO BE SUPPLIED BY CONTRACTOR)**

| Sl. No. | Drawing Number                        | Description  | Nos. per Wagon | Material / RDSO Specification | Ref. Drawing No.                      |
|---------|---------------------------------------|--|----------------|-------------------------------|---------------------------------------|
|         | <b>WASHER</b>                         |  |                |                               |                                       |
| 28      | WD-09053-S-09                         | M-39 (PIN AT-1)  | 1 No.          |                               |                                       |
| 29      | WD-09053-S-09                         | M-39 (PIN AT-2)  | 1 No.          |                               |                                       |
| 30      | WD-09053-S-09                         | M-39 (PIN AT-3)  | 1 No.          |                               |                                       |
|         | <b>SPLIT PIN TO IS:549</b>            |  |                |                               |                                       |
| 31      | WD-09053-S-09                         | 8 x 68 long  | 1 No.          |                               |                                       |
| 32      | WD-09053-S-09                         | 8 x 68 long  | 1 No.          |                               |                                       |
| 33      | WD-09053-S-09                         | 5 x 68 long  | 1 No.          |                               |                                       |
|         | <b>FERRULE</b>                        |  |                |                               |                                       |
| 34      | WD-09053-S-08                         | 22 dia ID, 32 dia OD x 32 long                               | 2 Nos.         | IS:1239                       |                                       |
| 35      | WD-09053-S-03                         | 38 dia ID, 50 dia OD x 75 long                               | 10 Nos.        | IS:226                        | W/LG-1843                             |
|         | <b>COTTER</b>                         |  |                |                               |                                       |
| 36      | WD-09053-S-08<br>and<br>WD-09053-S-09 | Bulb Cotter 6 x 16 x 75 long                                 | 3 Nos.         | IS:2062                       | WD-94068-S/1                          |
| 37      |                                       | Split Cotter W/KY 20 (Bulb type)                             | 7 Nos.         |                               |                                       |
|         | <b>CSK RIVET</b>                      |  |                |                               |                                       |
| 38      |                                       | M 8 x 75 long CSK Rivet                                      | 2 Nos.         |                               |                                       |
|         | <b>RIVET</b>                          |  |                |                               |                                       |
| 39      |                                       | S.H. Rivet M 22 dia x 63 long                                | 52 Nos.        |                               |                                       |
| 40      |                                       | S.H. Rivet M 22 dia x 125 long                               | 10 Nos.        |                               |                                       |
|         | <b>BOLTS</b>                          |  |                |                               |                                       |
| 41      | DW-09053-S-11                         | Bolt M 10 x 130 long with Nut and Spring Washer(Half thread) | 34 Nos.        | IS:1364 & IS:3063             |                                       |
| 42      | DW-09053-S-11                         | Bolt M 10 x 100 long with Nut and Spring Washer(Half thread) | 10 Nos.        | IS:1364 & IS:3063             |                                       |
| 43      | DW-09053-S-11                         | Screw M 12 x 35 long with Spring Washer(Full thread)         | 8 Nos.         | IS:1364 & IS:3063             |                                       |
| 44      |                                       | M-12 x 45 Bolt with Nut                                      | 4 Nos.         | IS:1364 & IS:3064             | WD-09053-S-12<br>(Sheet 2 of 2), It.4 |
| 45      |                                       | M-12 x 30 Bolts with Nut                                     | 4 Nos.         | IS:1364 & IS:3064             | WD-09053-S-12<br>(Sheet 2 of 2), It.4 |

**BRAITHWAITE & CO. LIMITED**

**ANNEXURE-2**

**LIST OF BOUGHT-OUT COMPONENTS FOR IHM ITEMS**

| <b>Sl. No.</b> | <b>Drawing Number</b>              | <b>Alt. Nos.</b> | <b>Description</b>   | <b>Nos. per Wagon</b> | <b>Material / RDSO Specification</b>    | <b>Ref. Drawing No.</b> |
|----------------|------------------------------------|------------------|--|-----------------------|---|-------------------------|
| 1              | WD-09053-S-08 (It.5)               | 2                | Hand Brake Pull Rod  | 1 No.                 | IS:2062 Fe 410 Cu WA                    | --                      |
| 2              | WD-09053-S-08 (It.6)               | 2                | Hand Brake Wheel   | 2 Nos.                | IS:2062 Fe 410 Cu WA                    | WA/BG-6226              |
| 3              | WD-09053-S-08 (It.7)               | 2                | Hand Brake Connecting Link   | 2 Nos.                | IS:2062 Fe 410 Cu WA                    | --                      |
| 4              | WD-09053-S-08 (It.8)               | 2                | Hand Brake Screw Nut   | 1 No.                 | IS:2062 Fe 410 Cu WA                    | --                      |
| 5              | WD-09053-S-08 (It.9)               | 2                | Hand Brake Screw with M-20 Nut & Washer  | 1 No.                 | IS:2062 Fe 410 Cu WA                    | --                      |
| 6              | WD-09053-S-08 (It.15)              | 2                | Tie Rod (Small) with M-30 Lock Nut   | 1 No.                 | IS:2062 Fe 410 Cu WA & IS:1875 St. CL-2 | --                      |
| 7              | WD-09053-S-08 (It.16)              | 2                | Tie Rod (Long) with M-30 Lock Nut  | 1 No.                 | IS:2062 Fe 410 Cu WA & IS:1875 St. CL-2 | --                      |
| 8              | WD-09053-S-08 (It.17)              | 2                | Coupling Nut for Tie Rod with Washer M-30  | 1 No.                 | --                                      | W/BG-6181               |
| 9              | WD-09053-S-08 (It.20)              | 2                | Spindle for Hand Brake + M 27 Nut with STD. Washer                                   | 1 No.                 | --                                      | --                      |
| 10             | WD-09053-S-08 (It.21)              | 2                | Sleeve   | 1 No.                 | IS:2062 Fe 410 WA                       | W/BG-6310               |
| 11             | WD-09053-S-08 (It.22)              | 2                | Spindle (for Hand Brake)(Long) + M27 Nut with Std. Washer                            | 1 No.                 | IS:2062 Fe 410 WA                       | --                      |
| 12             | WD-09053-S-12 (Sheet 2 of 2), It.2 | 1                | APD for Cut Off Angle Cock with Nut & Spring Washer (Galvanized)                     | 4 Nos.                | IS:2062-2006 E410 Cu                    |                         |
| 13             | WD-09053-S-12 (Sheet 2 of 2), It.2 | 1                | M-16 x 120 long Stud with Nut & Spring Washer  | 6 Sets                |   |                         |
| 14             | WD-09053-S-04 (It.28)              | 3                | Taper Washer- Plate 50 x 7 thick x 50 long   | 8 Nos.                | IRS: M44                                |                         |
| 15             | WD-09053-S-08                      | 2                | ID 26 mmxOD 43 mm x 4 thk.   | 6 Nos.                | IS:2016-1967 M44                        |                         |
| 16             | WD-09053-S-08                      | 2                | ID 42 mmxOD 73 mm x 6 thk.   | 1 No.                 | IRS M44                                 |                         |
| 17             |                                    |                  | ID 42 mmxOD 65 mm x 4 thk.   | 8 Nos.                | IRS M44                                 |                         |
| 18             |                                    |                  | ID 36 mmxOD 61 mm x 4 thk.   | 6 Nos.                | IRS M44                                 |                         |
| 19             |                                    |                  | ID 8 mmxOD 22 mm x 2 thk.  | 16 Nos.               | IRS M44                                 |                         |
|                | <b>BOSS</b>                        |                  |  |                       |   |                         |
| 20             | WD-09053-S-08                      | 2                | Boss for Supporting Bracket for Hand Brake Screw 33 mm dia ID x 50 mm dia OD x 32 lg | 1 No.                 | IS:2062 Fe410 Cu WA                     |                         |