

IR-WCMS Auto Fill Pro

Measurement Auto-Fill — Step-by-Step Guide (Basic & Premium)

What it does: fills your Measurement Book (MB) on the IR-WCMS portal directly from your measurement Excel — every row, every deduction, every total — instead of typing each row by hand. The **Smart Reader** understands almost any measurement Excel format and re-checks every total before filling.

Before you start: (1) install the extension from the Chrome Web Store (search “IR WCMS Auto Fill Pro”), (2) log in to the IR-WCMS portal and open your LOA's **Record Measurement** page, (3) open the extension side panel, (4) keep your measurement Excel ready.

Free (Basic): 20 rows every day, one item at a time. **Premium:** bulk Add to MB, bulk Assign and “Fill ALL items + Save” in one click.

Part 1 — Basic (Free): fill one item at a time

1. On the portal, click **Add new Item** and add your item to the MB the normal way — pick Schedule, Chapter, tick the item, press **Add Selected Items**.
2. In the side panel, press **Choose File** and select your measurement Excel. The Smart Reader reads it and shows every item it found.
3. Pick your item from **Select an item**. The formula type (L only / L×B / L×B×H) is set automatically from your Excel — you can change it.
4. (Optional) Open **Item view** / Full View to see every row with a checkbox — edit values, untick rows you don't want, or paste rows straight from Excel.
5. Press the green **RUN AUTO-FILL**. If some rows are already on the portal, the extension detects them and offers to fill **only the new rows** — no duplicates.
6. Watch it type every row for you — values, deductions (red rows), and the running total. When the portal asks “**Do you want to Save entered details?**” press OK.
7. Verify the quantity on the portal matches your Excel total, then repeat for the next item.

IR-WCMS AUTO FILL PRO · MEASUREMENT · BASIC (FREE)

Measurement > Contractor > Initiation of Measurement > Record Measurement

Search LOA:

Measurement Details

Expenditure Type :

Name of Work:

Situation of Work:

Agreement Date:

Measurement No. :

Item Detail

Upload file if any (only upto 7 mb) :

Add Remarks if any :

Delete Measurement

Select Schedule

Chapter Name

Item Detail

Note

15-DISMANTLING AND DEMOLISHING

IR-WCMS Auto Fill Pro

Measurement Workspace

EXCEL DRIVEN DATA ENTRY

1 2 3 4

REPORT

ITEMS IN EXCEL (9):

Excel source

Choose File

Bulk tools — DSR / USSOR

After a bulk run, please verify with item on the portal before final submission. If you spot any error or mismatch, contact support at irwcms@gmail.com

SCHEDULE

All schedules

ITEMS

9 items selected

STEP 1 · Add your item on the portal — search, tick, add

Step 1 — add the item on the portal (search → tick → add)

IR-WCMS AUTO FILL PRO · MEASUREMENT · BASIC (FREE)

Smart Reader finds your items — pick one, formula auto-set

Steps 2-3 — Excel loaded; pick your item, formula auto-set

IR-WCMS AUTO FILL PRO · MEASUREMENT · BASIC (FREE)

Press RUN — filled rows detected, only NEW rows fill

Step 5 — already-filled rows detected: fill only the NEW rows

IR-WCMS

4x speed

Refresh portal page

Items in Excel

Sch A - Suspended floors, ro...

USE AS FORMULA

Row: 124 - Add: 111 - Del: 13

Grid Total: 5725.419 Qty: 5725.419

ETA: 40 sec

PASTE DATA

Item view Editor

RUN AUTO-FILL

PAUSE CLEAR RUN

Message Center

05/07/2026

To be Paid(%)

Action

Item Code

Item Description

Item Unit

Item Rate ₹

Qty as per original agreement

5.9.3	Suspended floors, roofs, landings, balconies and access platform	Sqm	503.565859	1941.0
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Upload file if any (only upto 7 mb):

Choose File

No file chosen

File Description:

Upload

Select Formula

Area(L*B)

Use Coefficient

Roof slab shuttering panels - Chainage 1+186	1	1	2	1	5.2	1.76	18.304
Roof slab shuttering panels - Chainage 1+200	2	1	1	1	10.38	2.68	55.6368
Roof slab shuttering panels - Chainage 1+212	2	1	1	1	10.65	2.45	52.185
Roof slab shuttering panels - Chainage 1+224	1	1	1	1	8.95	3.35	29.9825
Roof slab shuttering panels - Chainage 1+236	1	1	1	1	28.52	2.71	77.2852

Note: Please delete all rows if you have to save to be paid(%) only

Add row

To be Paid(%)

Reason for Reduction

Total

Every row typed for you — values, deductions, running total

Step 6 — rows typing themselves, deductions included

Part 2 — Premium: the whole bill in one run

1. Open the LOA's Record Measurement page and the side panel, then **Choose File** → your measurement Excel. Smart Reader lists all items with rows and totals.
2. In **Bulk tools**, pick the schedule (or All schedules) and tick the items you want.
3. Press **Bulk add to MB** — the extension adds every ticked item to the MB by itself (schedules, chapters, item search — all automatic).
4. Press **Bulk assignment** — one click sets the correct measurement type (General L×B×H, Area, Linear...) against every item, matching your Excel. No per-item picking.
5. Press **Fill ALL items + Save** and confirm. Every item fills row by row and saves — you can watch the live progress overlay. Items already measured are skipped automatically.
6. When the run report appears, verify each item on the portal before final submission. Open any item's pencil to see the full row-by-row entry, including deductions.

The screenshot displays the IR-WCMS Auto Fill Pro Measurement Premium interface. The main window shows the 'Measurement' section with various fields for project details and a table for item measurement. A 'Smart Reader' report overlay is visible on the right, listing items found in the Excel file and their totals. The report includes a table with columns for Item No., Item Description, Item Unit, Item Rate, Qty as per original agreement, Qty measured, and To be Paid. The report also shows a summary of items found and a list of items to be added to the measurement.

Smart Reader maps your columns and re-checks every total

Step 1 — Smart Reader report: 9 items found, totals checked

The screenshot displays the IR-WCMS Auto Fill Pro Measurement Premium interface. The main window shows the 'Measurement' section with various fields for project details and a table for item measurement. A 'Bulk tools (PRO)' side panel is visible on the right, showing options to 'Choose File', 'Bulk tools - DSR / USSOR', 'Bulk assignment', 'Bulk add to MB', 'Fill ALL items + Save', and 'Items in Excel'. The side panel also includes a 'Send Feedback' button.

STEP 2 · Bulk tools (PRO) — pick schedule, tick items

Step 2 — bulk tools: pick schedule, tick items

IR-WCMS AUTO FILL PRO · MEASUREMENT · PREMIUM

IR-WCMS

Works Contract Management System

Home

Contract

Measurement

Billing

Non Schedule Item

Contract Variation

Zonal Work Order

Miscellaneous

Reports

Message Center

Help

Measurement > Contractor > Initiation of Measurement > Record Measurement

Search LOA: Site Engineer:

Measurement Details

Expenditure Type: Capital (Works)

UWD:

State: GUJARAT

Name of Work:

Name of Contractor:

Agreement Number:

Agreement Date: 08/02/2025

Date of Completion:

Date Of Completion(Scheduled): 30/06/2026

Measurement No.: Measurement Date: 05/07/2026

Adding Items to MB...

Adding... 6 of 9 done - A - Ch 13 (group 6/8)

Sr No.	Schedule	Group Name	Chapter	Item No	Item Description	Item Unit	Item Rate ₹	Qty as per original agreement	Qty measured	To be Paid%	Action
1	SCHEDULE C	WRUSSOR-2021 Items	CHAPTER - 8. Deep Screening and Ballast Related Activities	085016	When distance of nearest quarry is more than 50 km and up to 100 km	cum	1316.37346	60.0		100.0	☐
2	SCHEDULE A	CPWD DSR-2021 Items	EARTH WORK	2.6.1	All kinds of soil	cum	134.96524	8496.0		100.0	☐
3	SCHEDULE A	CPWD DSR-2021 Items	CONCRETE WORK	4.1.5	1:3:6 (1 Cement : 3 coarse sand (zone-III) de	cum	4489.0313	346.0		100.0	☐

IR-WCMS 6x speed

Choose File

Any measurement Excel works — the Smart Reader maps your columns & checks every total

1

Bulk tools — DSR / USSOR

Filter by schedule, tick items, apply to bulk

PRE

PLEASE VERIFY!

After a bulk run, please verify each item on the portal before final submission. If you spot any error or mismatch, contact support at ircms@ircms.com

SCHEDULE

All schedules

ITEMS

9 items selected

☐ Bulk assignment

☒ Bulk add to MB

2

Items in Excel

✓ 9 items found across all sheets

Select an item —

STEP 3 · Bulk Add to MB — items add themselves

Step 3 — bulk Add to MB running by itself

IR-WCMS AUTO FILL PRO · MEASUREMENT · PREMIUM

IR-WCMS

Works Contract Management System

Home

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Non Schedule Item

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Help

Measurement > Contractor > Initiation of Measurement > Record Measurement

Search LOA:

Measurement Details

Name of Work:

Name of Contractor:

Agreement Number:

Agreement Date:

Date of Completion:

Date Of Completion(Scheduled): 30/06/2026

1. Assign Measurement Details

Situation of Work:

Commencement Date: 26/03/2025

Actual Date of Completion:

Actual Date

Note: Entry to be made at the time of initiation of Final Variation.

2. Assign Measurement Type against each item

Group: CPWD DSR-2021 items

Group: Not Applicable

Group: CPWD DSR-2021 items

Group: Not Applicable

Group: CPWD DSR-2021 items

IR-WCMS Auto Fill Pro

1

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Filter by schedule, tick items, apply to bulk

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SCHEDULE

All schedules

ITEMS

9 items selected

☐ Bulk assignment

☒ Bulk add to MB

2

Items in Excel

✓ 9 items found across all sheets

Select an item —

USE AN FORMULA —

whenever Type and Exact box, switch my item to L, L+B or L+B+H (moving 0 to cost and)

L only

L + B

L+B+H

STEP 4 · Bulk assignment — one click sets every item type

Step 4 — Bulk assignment: one click sets every item's measurement type

IR-WCMS AUTO FILL PRO · MEASUREMENT · PREMIUM

Measurement No. :
MD No. :
Measurement Date : 05/07/2026

Sr No.	Schedule	Group Name	Chapter	Item No	Item Description	Item Unit	Item Rate ₹	Qty as per original agreement	Qty measured	To be Paid%	Action
1	SCHEDULE C	WRUSSOR-2021 Items	CHAPTER - 8 : Deep Screening and Ballast Related Activities	005016	When distance of nearest quarry is more than 50 km and up to 100 km	cum	1316.37346	60.0	213.24	100.0	
2	SCHEDULE C	WRUSSOR-2021 Items	CHAPTER - 12 : Activities at Construction Sites	123042	For sleeper density of 1540 sleepers per km	TRM	332.25001	20.0	1.4	100.0	
3	SCHEDULE A	CPWD DSR-2021 Items	ROOFING	12.41.2	110 mm diameter	Metre	210.05177	385.0	46.15	100.0	
4	SCHEDULE A	CPWD DSR-2021 Items	FINISHING	13.7.2	1:4 (1 cement : 4 fine sand)	Sqm	237.347	1693.0	5415.6	100.0	
5	SCHEDULE A	CPWD DSR-2021 Items	EARTH WORK	2.6.1		cum	134.96524	8486.0	165.94	100.0	
6	SCHEDULE A	CPWD DSR-2021 Items	CONCRETE WORK			cum	4489.0313	346.0	38.64	100.0	
7	SCHEDULE A	CPWD DSR-2021 Items	REINFORCED CEMENT CONCRETE	5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg/cum	cum	6770.40044	768.0	39.27	100.0	
8	SCHEDULE A	CPWD DSR-2021 Items	REINFORCED CEMENT CONCRETE	5.9.3	Suspended floors, roofs, landings, balconies and access platform	Sqm	503.66586	1841.0		100.0	
9	SCHEDULE A	CPWD DSR-2021 Items	MASONRY WORK	6.34.2	Cement mortar 1:6 (1 cement : 6 Coarse sand)	cum	5042.75338	425.0		100.0	

Add new item

Upload file if any (only upto 7 mb) : No file chosen
File Description :

8x speed
Choose File

Any measurement Excel works — the Smart Reader maps your columns & checks every total

Bulk tools — DSR / USSOR
Filter by schedule, tick items, apply to bulk

PLEASE VERIFY! After a bulk run, please verify each item on the portal before final submission. If you spot any error or mismatch, contact support at ircmsr@iamall.com

SCHEDULE
All schedules

ITEMS
9 items selected

Bulk assignment

Fill ALL Items + Save

Refresh portal page

Items in Excel
9 items found across all sheets

Select an item —

Send Feedback

Every row typed, totalled and saved — automatically

Step 5 — Fill ALL: every row typed and saved automatically

IR-WCMS AUTO FILL PRO · MEASUREMENT · PREMIUM

Measurement No. :
MD No. :
Measurement Date : 05/07/2026

Sr No.	Schedule	Group Name	Chapter	Item No	Item Description	Item Unit	Item Rate ₹	Qty as per original agreement	Qty measured	To be Paid%	Action
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6	SCHEDULE A	CPWD DSR-2021 Items	CONCRETE WORK	4.1.5	1:3:6 (1 Cement : 3 coarse sand (zone-III) de... + Show more	cum	4489.0313	346.0	38.64	100.0	
7	SCHEDULE A	CPWD DSR-2021 Items	REINFORCED CEMENT CONCRETE	5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg/cum	cum	6770.40044	768.0	39.27	100.0	
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9	SCHEDULE A	CPWD DSR-2021 Items	MASONRY WORK	6.34.2	Cement mortar 1:6 (1 cement : 6 Coarse sand)	cum	5042.75338	425.0	349.11	100.0	

Add new item

Upload file if any (only upto 7 mb) : No file chosen
File Description :

8x speed
Choose File

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SCHEDULE
All schedules

ITEMS
9 items selected

Bulk assignment

Fill ALL Items + Save

Refresh portal page

Items in Excel
9 items found across all sheets

Select an item —

Send Feedback

Hours of typing — done in minutes

Step 6 — any item opened: full rows, deductions in red

Good to know

Any Excel works. The Smart Reader maps your columns (No/L/B/H/Qty, merged headers, two-row headers, deductions, unit weights) and recomputes each item's total against your sheet before filling.

No duplicates. Rows already on the portal are detected — the extension offers to fill only what's new. Already-measured items are skipped in Fill ALL.

Always verify. After a bulk run, check each item on the portal before final submission. If you spot any error or mismatch, contact support.

Free tier. 20 rows per day, forever. Row packs and Premium unlock higher volumes and the bulk tools.

Support: irwcmspro@gmail.com — we read everything.