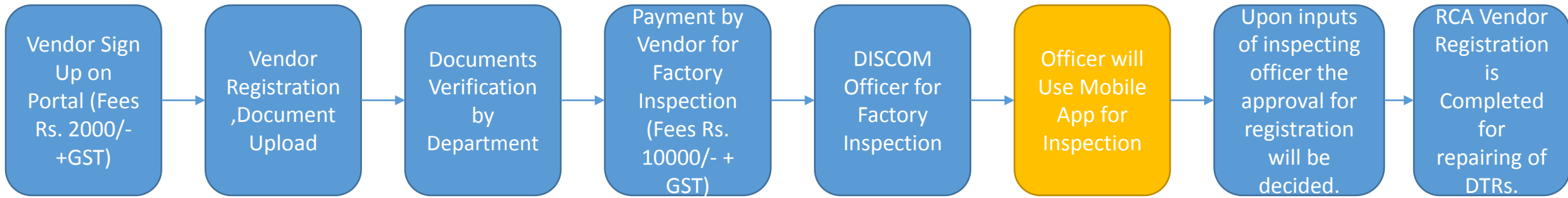


**To Be Process for RCA (for
repairing of DTR) MQP (Material
Quality Plan) as per All Three
Discoms**

DTR repairing (RCA) Vendor Registration process *by him self* on QC with Factory Inspection using QMS (Quality Management System)



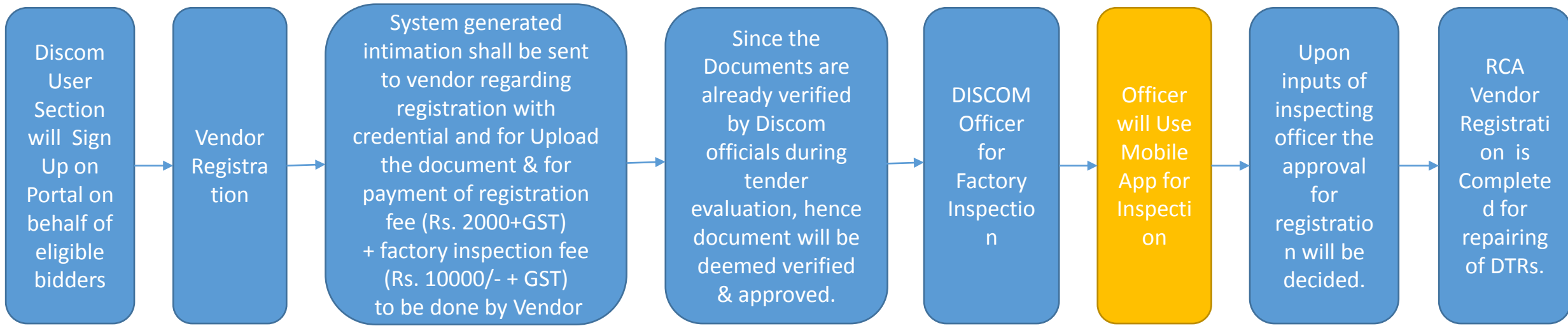
Steps

1. Vendor needs to sign up on Quality Control Portal for carrying out the registration. (Portal Access Fee is Rs. 2000/-+GST)
2. Now, Vendor will fill the registration form and upload the required documents by Department for Approval.
3. The documents are then verified by officers of the Discom (as per procurement manual).
4. Post successful verification of documents, vendor needs to pay the factory inspection fees (Rs. 10000/- + GST).
5. Once the payment is done by the vendor, a Discom officer is assigned to carry out the factory inspection.
6. The details are then passed onto Mobile App for factory inspection. The officer will use the app for factory inspection. All the details captured through the app will be pushed back to Quality Control Portal for final approval.
7. Upon inputs of inspecting officer the approval for registration will be decided.
8. Once approved, the vendor is successfully empaneled for supply of material.

Legend

- QC Portal
- QMS Portal or App

DTR repairing (RCA) Vendor Registration process by Discom User Section on QC with Factory Inspection using QMS (Quality Management System)



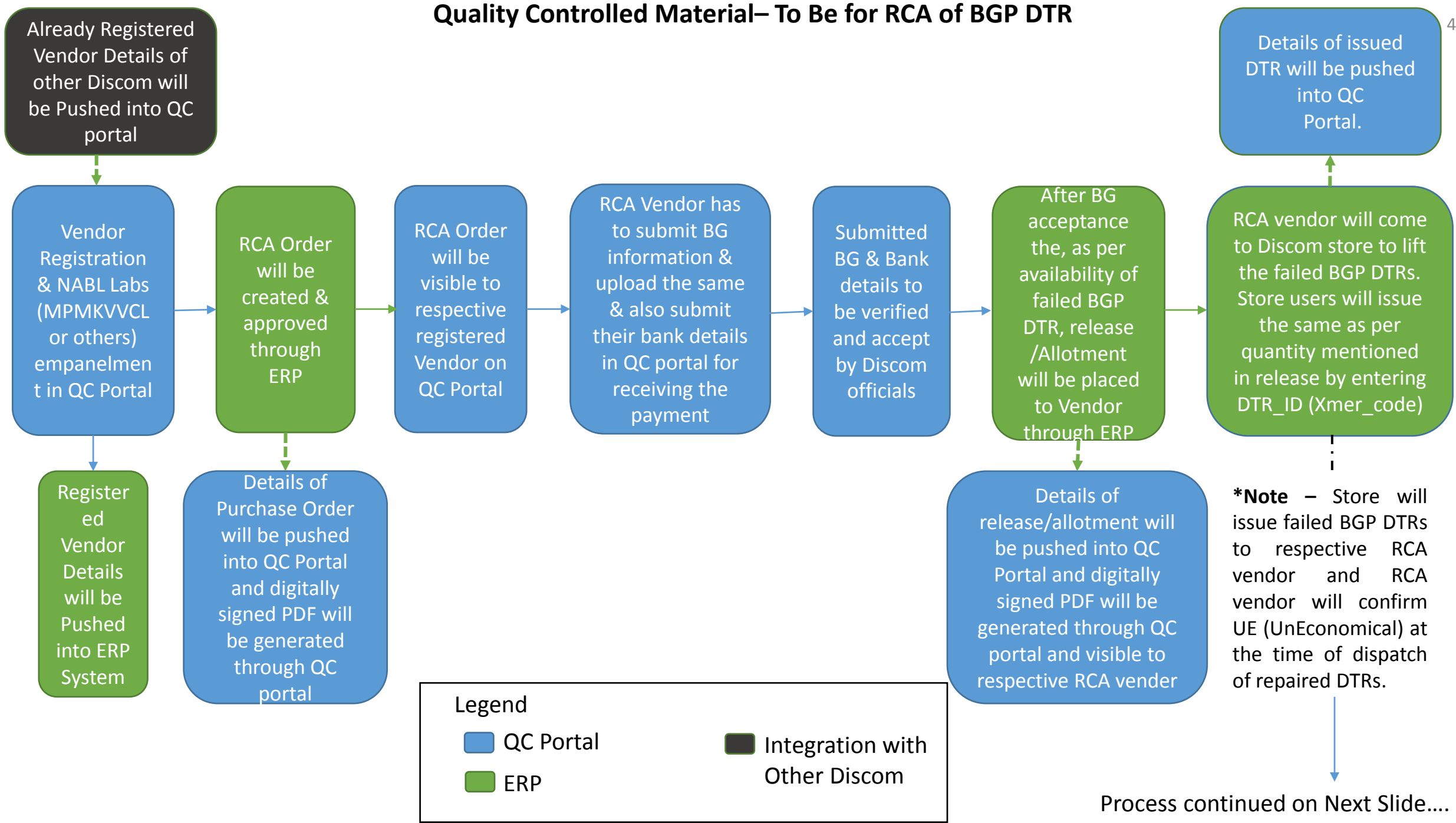
Steps

1. Discom User Section will sign up on Quality Control Portal for carrying out the registration on behalf of eligible bidders.
2. Now, Discom User Section will fill the registration form.
3. Post successful Sing up a system generated intimation shall be sent to vendor regarding registration with credential and for Upload the document & for payment of registration fee (Rs. 2000+GST) + factory inspection fee (Rs. 10000/- + GST) to be done by Vendor. Since the Documents are already verified by Discom officials during tender evaluation, hence documents will be deemed verified & approved.
4. Once the payment is done by the vendor, a Discom officer is assigned to carry out the factory inspection.
5. The details are then passed onto Mobile App for factory inspection. The officer will use the app for factory inspection. All the details captured through the app will be pushed back to Quality Control Portal for final approval.
6. Upon inputs of inspecting officer the approval for registration will be decided.
7. Once approved, the vendor is successfully empaneled for Repairing of DTRs.

Legend

- QC Portal
- QMS Portal or App

Quality Controlled Material– To Be for RCA of BGP DTR



Legend

- QC Portal
- ERP
- Integration with Other Discom

Process continued on Next Slide....

Quality Controlled Material– To Be for RCA of BGP DTR

Testing at store (a)

Process continued from Previous Slide...

100% Non-Star (New design) DTRs shall be tested for No load & Load losses. 10 % tolerance in load losses shall be permissible. If the load losses shall be found more than 10% but upto 15% of the guaranteed maximum limit of load losses, the penalty at the 10% of repairing cost shall be recoverable from the reparer. When the load losses will exceed beyond 15% a penalty @ 50% of repairing cost shall be recoverable from the reparer and such transformers shall be marked with a white strip all around the Transformer. DTR_ID (Xmer_code) wise percentage of load loss will show on QC portal to take appropriate decision.

The vendor will raise invoice through QC Portal. The invoice along with other details will be pushed into payment module.

100% testing of repaired received DTR will be done at Store testing lab & after successful completion (means pass) of testing of all repaired DTR in store testing lab against respective release/allotment then, the E-MRC will be generated & digitally sign through GM (Store) and the 10% (subject to minimum of 2 DTRs and rounded to next higher number) random quantity of release will be tested in Discom testing lab.

Against the respective RCA order & release, RCA vendor will return the DTRs to respective stores with mentioning the DTR_ID (Xmer_code) & status repaired/ UE (Uneconomical) and digitally signed the same.

The percentage of load loss will be pushed to ERP system. Further the DTR (having load loss more than 15% of Max. permissible guaranteed load Losses) will be scraped after its subsequent failure from field locations and will not be counted for determination of percentage failure of RCA vendor

Payment Module to be Developed by WZ

***Note** – RCA vendor can raise and submit the invoice after generation of E-MRC. In case any repaired DTR is received physically damaged then vendor has to rectify/ repair the same.

Legend

- QC Portal
- ERP
- WZ e-invoicing solution

Process continued on Next Slide....

Process continued from Previous Slide.... **Quality Controlled Material– To Be for RCA of BGP DTR**

Testing at store (b)

100% Level 1(old) & 2 (old) DTR shall be tested for total loss at 100% loading . 10 % tolerance in total losses shall be permissible. If the total losses shall be found more than 10% but upto 15% of the guaranteed maximum limit of total losses, the penalty at the 10% of repairing cost shall be recoverable from the repairer. When the total losses shall exceed beyond 15% then the transformer shall be rejected and the repairer firm will again repair the rejected transformer at his own cost (including transportation charges) and for such transformer testing charges @ Rs. 2,000/- per transformer shall be recovered from the repairer firm. DTR_ID (Xmer_code) wise percentage of load loss will show on QC portal to take appropriate decision.

Testing at Discom testing lab

The 10% (subject to minimum of 2 DTRs and rounded to next higher number) random quantity of release will be tested in Discom testing lab. Such acceptance tests shall be performed by the purchaser as per relevant IS/ Technical specification/GTP/ Drawing etc. In case, any of the quantity is not found confirming to the required parameters, the same shall have to make good by the supplier and testing charges of such failed DTR shall be recovered from them. In case such DTR again failed in retesting than repairing cost of such DTR shall be recovered from the repairing firm.

Testing at Discom testing lab

The percentage failure of DTR in Discom testing lab should not exceed 5% of the quantity allotted (release quantity) to them for repair. If the percentage failure exceeds beyond 5% then:

- (i) DTRs available in the purchaser's area store out of the supplies made by the repairer shall be declared failed with in guarantee period.
- (ii) Such WGP failed DTRs shall have to be repaired/replace by the repairer free of cost within 30 working days from the date of intimation.
- (iii) In case, such 5% failure occurs more than 2 times then the QC system will not allow for further allotment to such RCA vendor.

Legend

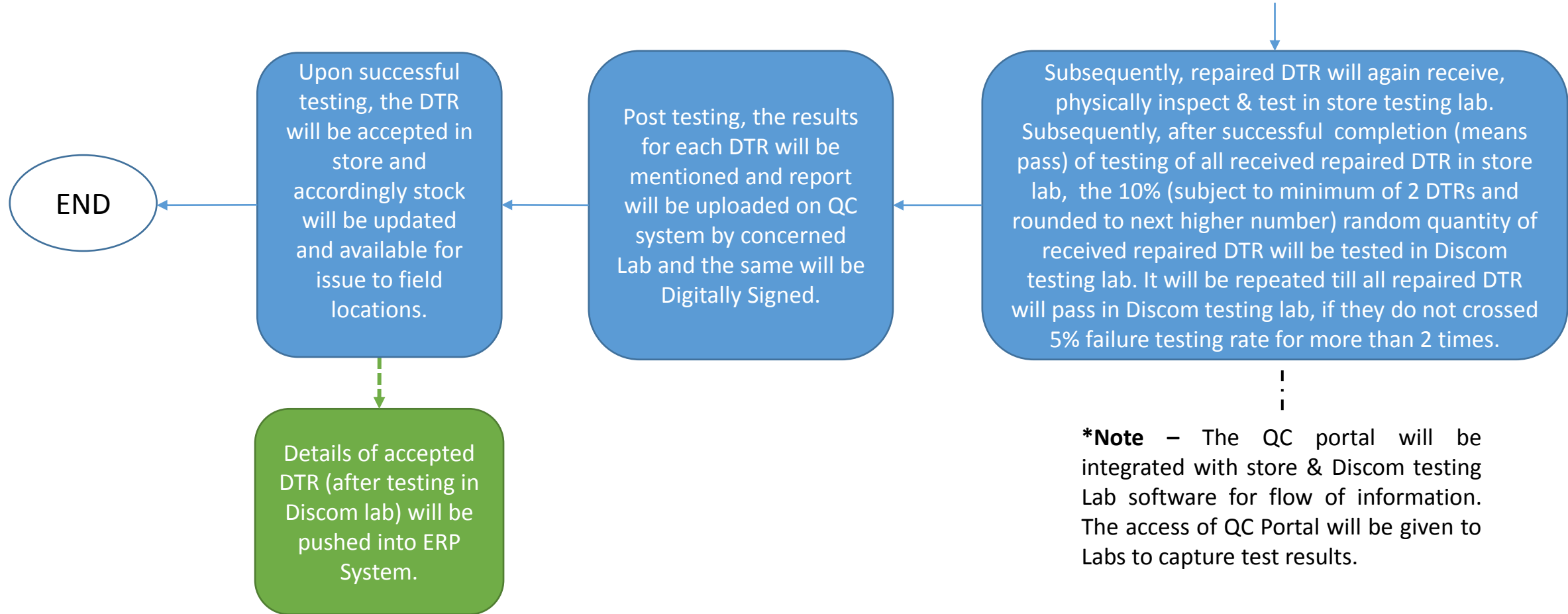
■ QC Portal

■ ERP

Process continued on Next Slide....



Quality Controlled Material– To Be for RCA of BGP DTR

Process continued from Previous Slide....



***Note** – The QC portal will be integrated with store & Discom testing Lab software for flow of information. The access of QC Portal will be given to Labs to capture test results.

Legend

 QC Portal	 ERP
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