

आलोक प्रेम नागर  
ALOK PREM NAGAR



संयुक्त सचिव  
भारत सरकार  
पंचायती राज मंत्रालय  
JOINT SECRETARY  
Government of India  
Ministry of Panchayati Raj  
11<sup>th</sup> Floor, Jeevan Prakash Building  
25, Kasturba Gandhi Marg,  
New Delhi-110001  
Tel.: +91-11-23356556, Fax: +91-11-23354816  
E-mail: ap.nagar@gov.in  
Mob.: 9418007426

N-19011(16)/8/2016-e-Panchayat

1st December, 2020

Dear Ma'am / Sir,

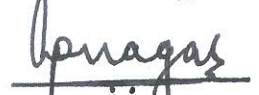
As you are aware, the Ministry of Panchayati Raj has been monitoring Central Finance Commission Grants for bringing transparency in the activities of Panchayats to ensure optimal and targeted utilization of funds. Towards this end, Ministry had conceptualized and developed erstwhile PRIASoft-PFMS Interface (PPI) which facilitated real time payments to the service providers / vendors in the rural areas. Consequently, a work-based accounting system, e-Gram SWARAJ was launched by the Hon'ble Prime Minister on 24th April 2020 which subsumed all the applications of Panchayat Enterprise Suite (Planning, Reporting, Accounting/PRIASoft including PPI etc.)

It is MoPR's continuous endeavor to enable decision making at the State and GP level by provisioning of various reports that are available on the eGramSwaraj website. To this end, it has been decided that MoPR shall provide continuous data to the State departments in the form of webservices for the entries being done on eGramSwaraj.

NIC-MoPR has worked out the modalities of the same and the details of data sharing have been annexed in the form of a "design document"(Annexure I) which may be shared with respective State NICs/technical teams to enable them to consume the data which will be shared at regular intervals. The data may be leveraged by the respective State departments to generate and view reports as per their need.

It is, therefore, requested that the concerned officials are provided with the design document and directed to complete the integration of data sharing webservices being exposed by NIC-MoPR to ensure that the data of the State in eGramSwaraj is available with the concerned department. You may also contact Ms. P Laxmi, Sr. Technical Director(p\_laxmi@nic.in) and Sh. Sanjay Joshi, Technical Director, NIC (joshi.sk@nic.in), in case of any issues.

Yours sincerely,

  
(A. P. Nagar)

To,  
Principal Secretary/Secretary  
State Panchayati Raj Department, All States

Copy to: Ms. Manie Khaneja, DDG-NIC for necessary information and action

# **Design Document**

## **eGramSwaraj Data Pushing to States through Webservices**

**November-2020**

**Version**

**1.0 (Draft)**

## Revision and Signoff Sheet

### Change Record

Date	Author	Version	Change Reference

## Reviewers

Name	Version Approved	Position	Date

## Contents

1	Background .....	5
2	Overview- EGramSwaraj Integration .....	5
2.1	Integration Methods .....	5
2.2	Transaction Types to be covered .....	6
2.3	Pre-requisites for eGramSwaraj Integration .....	6
2.4	Reference Document .....	7
3	Process and formats for eGramSwaraj Integration .....	7
3.1	Process Flow .....	7
3.2	File Naming Conventions.....	8
3.3	Server IP Details .....	8

## 1 Background

**eGramSwaraj** is a generic Simplified Work Based Accounting Application to strengthen e-Governance in Panchayati Raj Institutions (PRIs) across the country, Ministry of Panchayati Raj (MoPR) has launched eGramSwaraj, a user friendly web-based portal. eGramSwaraj aims to bring in better transparency in the decentralized planning, progress reporting and work-based accounting.

## 2 Overview- EGramSwaraj Integration

This document attempts to describe the operational aspects of eGramSwaraj software with a view to assist all those who will be integrating this software with their external software. The document provides step- wise instructions for handling various aspects of the software, description of various fields required for easy and better understanding while integrating through webservices and porting data to and fro. It also describes the error messages encountered while integrating with the software with appropriate remedial actions required to be taken by you

### 2.1 Integration Methods

eGramSwaraj will develop interfaces to exchange of files between eGramSwaraj and external system using the following protocols

**Webservice based data exchange:** External system will call webservices of eGramSwaraj and consume data in **JSON** format. The response will be sent after success or failure of each transaction in **JSON** format. The webservices will be **RESTfull** webservices with **POST HTTP** method.

### 2.2 Planning & Reporting Data to be covered

In this integration, following data will be covered

- a) Budgetary Data
- b) Activity Data
- c) Plan Data
- d) Technical Approval
- e) Admin Approval
- f) Progress Reporting

## **2.3 Transaction Types to be covered**

In this integration, following transaction types will be covered

- a) Payment Voucher
- b) Receipt Voucher
- c) Opening Balance (WIP and will be shared soon)
- d) Contra Voucher (WIP and will be shared soon)
- e) Journal Voucher (WIP and will be shared soon)

## **2.4 Pre-requisites for eGramSwaraj Integration**

Confirmation on the purpose of integration between eGramSwaraj and External System.

## 2.5 Reference Document

For details please refer to eGramSwaraj User Manual, which is available at home page of website in citizen section (<https://eGramSwaraj.gov.in/> )

- a) User Manual Template (NIC-TPL-004 version 1.1) prescribed as per NIC Quality Standards.
- b) Software Requirements Specifications Document for **eGramSwaraj** (NIC-PID-eGramSwaraj v1.0- SRS – v1.0).

## 3 Process and formats for eGramSwaraj Integration

### 3.1 Process Flow

Following is the broad list of steps which needs to be followed by the eGramSwaraj and External System portal to exchange data.

- a) External system will call the **requisite** webservices of eGramSwaraj
- b) External system will consume the data through webservices
- c) External System will acknowledge and give response (of success or failure) back to eGramSwaraj through webservices
- d) Data will be pushed successfully, if all the parameters are correct and all the validations are met properly.
- e) eGramSwaraj will update the record as per response received from External Systemj in their system.
- f) In case of failure the reason will be shared by specific Error/Failure codes and message through webservices.
- g) The external system will make amendments as per the response received and again follow steps (a) to (e) for successfully pushing the data.



### 3.2 File Naming Conventions

Name of the files will be used as per Unique Message Id (**GrpHdr/MsgId**) format so the unique file name can be exchanged with EGramSwaraj.

### 3.3 Server IP Details

**For Demo (Testing Purpose):** egramswaraj.gov.in/demo

**Server IP:** 10.248.213.225:8184

**Note:** The webservices can't be called directly from web browser, you have to either call on postman or from a server with valid JSON string.

## 2.1 Field List for Budgetary Data

### Sample String:

```
{"allocationId":1128682,"planYear":"2019-2020","planUnitCode":241778,"planUnitType":3,"planUnitCat":"G","stateCode":9,"ctePurgeFlag":"N","dataSharedBudgetaryAllocationScheme":[{"budgetSchemeId":96164,"schemeCode":38,"schemeComponentCode":1,"untiedAvailSC":null,"untiedAvailST":null,"untiedAvailGen":null,"untiedAvailTtl":null,"tiedAvailSC":null,"tiedAvailST":null,"tiedAvailGen":null,"schemeType":"U"}]}
```

Following is the list of fields which are to be included in the webservice for Budgetary Data in EGramSwaraj:

Budgetary Data			
S.No	Jason Tag	Data Type	Description
Data (Root Tag)			
1	plnUntCd	Integer	LGD Code of State
2	localBodyTypeCod	Integer	Local Body Type
3	localBodyName	String	Local Body Name
4	stateCode	Integer	Sate Code of Budgetary Allocation
Budgetary Data (Array)			
5	allocationId	Integer	EGramSwaraj Budget allocation ID
6	planYear	Integer	Plan Year of Budgetary Allocation
7	planUnitCode	Integer	LGD Code of District, Block, Gram Panchayat
8	planUnitType	Integer	Plan Unit Type (1 – District, 2 – Block, 3 – Gram Panchayat )
9	planUnitCat	Character	Plan Unit Category ( G )
10	stateCode	Integer	Sate Code of Budgetary Allocation
11	ctePurgeFlag	Character	Status of record (Y- Deleted, N - Active)
Budgetary Details (Array)			
12	budgetSchemeId	Integer	EGramSwaraj Budget Scheme ID
13	schemeCode	Integer	Scheme Code
14	schemeComponentCode	Integer	Scheme Component Code
15	untiedAvailSC	Integer	UnTied Budgetary Allocation (In Rs.) - SC
16	untiedAvailST	Integer	UnTied Budgetary Allocation (In Rs.) - ST
17	untiedAvailGen	Integer	UnTied Budgetary Allocation (In Rs.) - General
18	untiedAvailTtl	Integer	UnTied Budgetary Allocation (In Rs.) - Total
19	tiedAvailSC	Integer	Tied Budgetary Allocation (In Rs.) - SC
20	tiedAvailST	Integer	Tied Budgetary Allocation (In Rs.) - ST
21	tiedAvailGen	Integer	Tied Budgetary Allocation (In Rs.) - General
22	schemeType	Character	Scheme Type (U – UnTied, T – Tied)

## 2.2 Field List for Activity Data

### Sample String:

```
{
  "plnUntCd":42781,"localBodyTypeCode":3,"localBodyName":"BAMAN","stateCode":9,"dataSharedActivity":{
    "activityCd":3733968,"dataSharedAssetDetails":{
      "astId":3733968,"dataSharedAssetLocation":[],
      "astTyp":2,"astCtgry":15,"astSubCtgry":1068,"astCvrgCd":"A",
      "astNm":null,"dataSharedTrainingCapacity":null,
      "dataSharedMissionAntodayaDet":[],
      "activityPmayg":null,"activityNsap":null,
      "activityType":61,"rdSchemeCd":null,
      "mgnregaCatCd":null,"activityName":
        "ttsp marbat gram panchayat me 4th",
      "activityDesc":"ttsp","focusArea":11,
      "activityFor":111,"workTyp":143,
      "activityForCostlessFlag":0,"totDurMon":2,
      "totDurDay":0,"strtYr":2016,"totalCost":139600,
      "rdschemeFlag":false,"planCode":1013449,
      "planCodeStts":123,"plnUntCd":42781,
      "plnUntTyp":3,"plnUntCat":"G",
      "fnclyr":2016,"outputTyp":105,"activityStts":74}
  }
```

Following is the list of fields which are to be included in the webservice for Activity Data in EGramSwaraj:

Activity Data			
S.No	Jason Tag	Data Type	Description
Data (Root Tag)			
1	plnUntCd	Integer	LGD Code of State
2	localBodyTypeCod	Integer	Plan Unit Type (1 – District, 2 – Block, 3 - Gram Panchayat)
3	localBodyName	String	Local Body Name
4	stateCode	Integer	Sate Code
Activity Output Details (Array)			
5	activityCd	Integer	Activity Code
6	astId	Integer	Asset ID
7	astTyp	Integer	Asset Type (Movable / Immovable)
8	astCtgry	Integer	Asset Category
9	astSubCtgry	Integer	Asset Sub Category
10	astCvrgCd	Character	A - Area
11	astNm	String	Asset Name
12	dataSharedTrainingCapacity		Training Capacity
13	dataSharedMissionAntodayaDet		Mission Antyodaya (MA) Gap(s)
Activity Details (Array)			
14	activityPmayg	Integer	Proposed Scheme - PMAYG
15	activityNsap	Integer	Proposed Scheme - NSAP

16	activityType	Integer	Activity Type (61-Public Work, 62 - Beneficiary Oriented Programmes)
17	rdSchemeCd	Integer	Proposed Scheme - RD
18	mgnregaCatCd	Integer	Proposed Scheme - Mgnrega
19	activityName	String	Activity Name
20	activityDesc	String	Activity Description
21	focusArea	Integer	Focus Area (Master will be shared separately)
22	activityFor	Integer	Activity for (112 - SC / 113 - ST / 111 - Gen)
23	workType	Integer	Activity is (141- Fresh /142 - Operational /143- Maintenance / 145-Upgrade /145- OnGoing)
24	activityForCostlessFlag	Integer	Is this costless activity? (0 - No, 1 - Yes)
25	totDurMon	Integer	Total Duration - Month
26	totDurDay	Integer	Total Duration - Day
27	strtYr	Integer	Total Duration and Month - Year
28	totalCost	Integer	Estimated Total Cost In Rs.
29	Rdschemeflag	Boolean	True – if proposed scheme selected, False – if no Proposed scheme selected)
30	planCode	Integer	EGramSwaraj Plan Code
31	planCodeStts	Integer	Status of plan (123- approved, 122 – Forwarded, 121 - Pending)
32	plnUntCd	Integer	LGD Code of District, Block, Gram Panchayat
33	plnUntTyp	Integer	Plan Unit Type (1 – District, 2 – Block, 3 – Gram Panchayat)
34	plnUntCat	Character	Plan Unit Category ( G )
35	fnclYr	Integer	Financial Year
36	outputTyp	Integer	Activity Output - Type (Master will be shared separately)
37	activityStts	Integer	Activity Status (Master will be shared separately)

## 2.3 Field List for Plan Data

### Sample String:

```
{ "plnCd":2564619,"plnTyp":132,"stateCd":9,"plnUntCd":241778,"plnUntTyp":3,"fnclYr":2019,"purgeFlag":"N","planApprovalDate":1492194600000,"activityList":[{"activityCd":33675750,"activityStts":74,"fundAllocationList":[{"fundAllocationId":15623809,"schemeCode":1518,"componentCode":3880,"tiedAmountGen":0,"tiedAmountSc":0,"tiedAmountSt":0,"untiedAmountGen":273000,"untiedAmountSc":0,"untiedAmountSt":0}]}
```

Following is the list of fields which are to be included in the webservice for Plan Data in EGramSwaraj:

Plan Data			
S.No	Jason Tag	Data Type	Description
Data (Root Tag)			
1	plnUntCd	Integer	LGD Code of State
2	localBodyTypeCod	Integer	Plan Unit Type (1 – District, 2 – Block, 3 – Gram Panchayat )
3	localBodyName	String	Local Body Name
4	stateCode	Integer	Sate Code
Plan Details (Array)			
5	plnCd	Integer	Plan Code
6	plnTyp	Integer	Plan Type (131 – Main Plan, 132 – Supplementary Plan)
7	stateCd	Integer	Sate Code
8	plnUntCd	Integer	LGD Code of District, Block, Gram Panchayat
9	plnUntTyp	Integer	Plan Unit Type (1 – District, 2 – Block, 3 – Gram Panchayat )
10	fnclYr	Integer	Financial Year
11	purgeFlag	Character	N – Active, Y - Deleted
12	planApprovalDate	Date	Plan Approval Date
13	activityCd	Integer	Activity Code
14	activityStts	Integer	Activity Status (Master will be shared separately)
Fund Allocation Details (Array)			
15	fundAllocationId	Integer	EGramSwaraj Fund Allocation ID
16	schemeCode	Integer	Fund Allocation - Scheme Code
17	componentCode	Integer	Fund Allocation - Component Code
18	tiedAmountGen	Integer	Fund Allocation - Tied Amount - Gen
19	tiedAmountSc	Integer	Fund Allocation - Tied Amount - SC
20	tiedAmountSt	Integer	Fund Allocation - Tied Amount - ST
21	untiedAmountGen	Integer	Fund Allocation - Untied Amount - Gen
22	untiedAmountSc	Integer	Fund Allocation - Untied Amount - SC
23	untiedAmountSt	Integer	Fund Allocation - Untied Amount - ST

## 2.4 Field List for Technical Approval

### Sample String:

```
[{"plnUntCd":42781,"localBodyTypeCode":3,"localBodyName":"BAMAN","stateCode":9,"dataSharedTechApproval":[{"wrkTechApprId":1563899,"techApprvdCst":150000.0,"odrIssngAuth":"ADPRO","techApprvdordNum":92,"techApprvdDte":1459449000000,"techApprvlReqFlg":"R","mgnregaManDays":null,"purge":"N","stateCode":9,"plnUntCd":42781,"planUnitCategory":"G","planUnitType":3,"planYear":2016,"activityCd":3734155}]}
```

Following is the list of fields which are to be included in the webservice for Technical Approval Data in EGramSwaraj:

Technical Approval Data			
S.No	Jason Tag	Data Type	Description
Data (Root Tag)			
1	plnUntCd	Integer	LGD Code of State
2	localBodyTypeCode	Integer	Plan Unit Type (1 – District, 2 – Block, 3 – Gram Panchayat )
3	localBodyName	String	Local Body Name
4	stateCode	Integer	Sate Code
Technical Approval Details (Array)			
5	wrkTechApprId	Integer	eGramSwaraj Technical Approval ID
6	techApprvdCst	Integer	Technical Approval Cost
7	odrIssngAuth	String	Order Issuing Authority of Technical Approval
8	techApprvdordNum	Integer	Order No. Technical Approval
9	techApprvdDte	Date	Date of Technical Approval
10	techApprvlReqFlg	Character	R – Required, N – Not Required
11	mgnregaManDays	Integer	Mgnrega Man Days Count
12	purge	Character	Record Status (N – Active, Y – Deleted)
13	stateCode	Integer	Sate Code
14	plnUntCd	Integer	LGD Code of District, Block, Gram Panchayat
15	planUnitCategory	Character	Plan Unit Category ( G )
16	planUnitType	Integer	Plan Unit Type (1 – District, 2 – Block, 3 – Gram Panchayat )
17	planYear	Integer	Plan Year
18	activityCd	Integer	Activity Code of eGramSwaraj Work

## 2.5 Field List for Admin Approval

### Sample String:

```
[{"plnUntCd":42781,"localBodyTypeCode":3,"localBodyName":"BAMAN","stateCode":9,"dataSharedAdminApproval":[{"adminApprId":1742115,"dataSharedAdminApprovalSchemeWise":[],"admApprvdCst":null,"admOdrIssngAuth":null,"admApprvdordNum":1,"admApprvdDte":1459449000000,"purge":"N","stateCode":9,"planUnitCode":42781,"planUnitCategory":"G","planUnitType":3,"planYear":2016,"activity_cd":3734166,"workProposedCost":20000}
```

Following is the list of fields which are to be included in the webservice for Admin Approval Data in EGramSwaraj:

Admin Approval Data			
S.No	Jason Tag	Data Type	Description
Data (Root Tag)			
1	plnUntCd	Integer	LGD Code of State
2	localBodyTypeCode	Integer	Plan Unit Type (1 – District, 2 – Block, 3 – Gram Panchayat )
3	localBodyName	String	Local Body Name
4	stateCode	Integer	Sate Code
Admin Approval Details (Array)			
5	adminApprId	Integer	eGramSwaraj Admin Approval ID
6	admApprvdCst	Integer	Admin Approved Cost
7	admOdrIssngAuth	String	Order Issuing Authority of Admin Approval
8	admApprvdordNum	Integer	Order Issuing Authority of Admin Approval No
9	admApprvdDte	Date	Date of Admin Approval
10	purge	Character	N – Active, Y - Deleted
11	stateCode	Integer	Sate Code
12	planUnitCode	Integer	LGD Code of District, Block, Gram Panchayat
13	planUnitCategory	Character	Plan Unit Category ( G )
14	planUnitType	Integer	Plan Unit Type (1 – District, 2 – Block, 3 – Gram Panchayat )
15	planYear	Integer	Plan Year
16	activity_cd	Integer	Activity Code
17	workProposedCost	Integer	Work Proposed Cost

## 2.6 Field List for Physical Progress

### Sample String:

```
{
  "plnUntCd":265457,"localBodyTypeCode":3,"localBodyName":"Mohanpur","stateCode":9,"dataSharedPhysicalProgress":{
    "physclPrgrssCd":246263,"workType":101,"workCode":265457,"mgnregaManDays":null,"dataSharedAssetPhysicalProgress":{
      "physclPrgrssAstCd":246263,"physicalProgressCd":246263,"dataSharedAssetStagePhysicalProgress":null,"astLocCd":605181,"astName":"Underground Pipe1","astId":null,"astDesc":null,"astLocType":null,"astCmpltnDate":null,"completed":null,"activity_cd":265457,"stageId":null}},
    "phyProgrOperational":[],"phyProgressservice":[],"phyProgresstraining":[]}}}
```

Following is the list of fields which are to be included in the webservice for Physical Progress Data in EGramSwaraj:

Physical Progress Data			
S.No	Jason Tag	Data Type	Description
Data (Root Tag)			
1	plnUntCd	Integer	LGD Code of State
2	localBodyTypeCode	Integer	Plan Unit Type (1 – District, 2 – Block, 3 – Gram Panchayat )
3	localBodyName	String	Local Body Name
4	stateCode	Integer	Sate Code
Physical Progress Details (Array)			
5	physclPrgrssCd	Integer	eGramSwaraj Physical Progress ID
6	workType	Integer	Work Type (101 – Asset, 102 – Training Capacity Building, 103- community Service, 104 – Operational, 105- Maintenance, 106-Upgradtion, 107 – PMAY, 108 – NSAP)
7	workCode	Integer	Activity Code
8	mgnregaManDays	Integer	Mgnrega Man Days
9	physclPrgrssAstCd	Integer	eGramSwaraj Physical Progress Asset Code
10	physicalProgressCd	Integer	eGramSwaraj Physical Progress Code
11	astLocCd	Integer	eGramSwaraj Asset Location Code
12	astName	Character	Asset Name / Description
13	astId	Integer	Asset ID
14	astDesc	String	Asset Description
15	astLocType	Character	Asset Location Type (A- Area, V- Village)
16	astCmpltnDate	Date	Asset Completion Date
17	completed	Character	Asset Completion Flag
18	activity_cd	Integer	Activity Code
19	stageId	Integer	Activity Stage



## Field List for Receipt Voucher

### Sample String:

```
{
  "vc_id":1,"received_from_code":0,"referenceno":"","major_code":"1601","chequeddtr_date":"01/04/2020",
  "account_no":"419602010002316","minordesc":"Grants from Central Government",
  "objectdesc":"Grant- in- Aid","voucherno":"FFC/2020-21/R/1","received_from":"","vouchertype":"D",
  "receipt_type":"T","entity_code":70055,"particulars":"DPRO","majordesc":"Grants-in-aid",
  "received_in":"B","chequeddtr_no":"4","link_finyear":"","voucherdate":"01/04/2020",
  "minor_code":"101","received_from_desc":null,"objectcode":"17","filename":"","month":4,
  "schemename":"Fourteen Finance Commission","classamount":180000,"voucheramount":"180000.00",
  "bankname":"UBI"}

```

Following is the list of fields which are to be included in the webservice forReceipt Voucher in EGramSwaraj:

Receipt Voucher				
S.No	Jason Tag	Data Type	Desription	Mandatory (Yes/No)
<b>receiptVoucher (root tag)</b>				
1	state_code	Integer	State LGD Code	Yes
2	entity_code	Integer	(Local Body Code)	Yes
3	entity_type	Character (2)	(ZP/BP/VP) ZP- Zila Panchayat BP- Block Panchayat VP- Village Panchayat	Yes
4	voucherType	Character (1)	D- Direct Receipt	Yes
5	scheme_uid	Integer	EGramSwaraj Scheme ID	Yes
6	operation	Character(6)	(Insert/Update)	Yes
<b>classification (array)</b>			The classification array will contain below mentioned 6 tags(7-12)	
7	scheme_child_uid	Integer	EGramSwaraj Scheme Component ID	Yes
8	major_code	Character Varying (4)	4 Digit Receipt type Major Code of MAS	Yes
9	minor_code	Character Varying (3)	3 Digit Minor Code of MAS	Yes
10	sub_code	Character Varying (4)	4 Digit Sub Code of MAS	Yes
11	objectcode	Character Varying(2)	2 Digit Object Code of MAS	Yes
12	amount	Double(upto 2 decimal point)	Voucher Amount	Yes
13	voucherdate	Date	Voucher Date (YYYY-MM-DD)	Yes

14	received_in	Character (1)	Received in (C,B,T,P) C- Cash B- Bank T- Treasury P- Post Office	Yes
15	receipt_type	Character(1)	Type of Receipt (C,D,E,L,T) C- Cash D- Cheque E- Demand Draft L- Letter Advice T- Direct Transfer	Yes
16	banktreasurypo_id	Integer	(Bank/Treasury/Post Office ID)	Yes If Received In is Bank/Treasu ry or Post Office
17	branch_id	Integer	Branch ID	Yes If Received In is Bank
18	accountNo	Character Varying (20)	(Bank/Treasury/Post Office Account number)	Yes If Received In is Bank/Treasu ry or Post Office
19	bankName	Character Varying(200)	(Bank Name/Treasury/Post Office Name)	Yes
20	chequeddtr_no	Character Varying(20)	(Cheque/DD/Letter Advice/Tranfer Id no)	Yes if Type of Receipt is Cheque/De mand Draft/Letter Advice/Dire ct Transfer
21	chequeddtr_date	Date	Cheque/DD/Letter Advice/Tranfer Date (YYYY-MM-DD)	Yes if Type of Receipt is Cheque/De mand Draft/Letter Advice/Dire ct Transfer
22	particulars	Character Varying (400)	Remarks	Yes
23	referenceNo	Character Varying(10)	Reference Number	No

## 2.7 Field List for Payment Voucher

**Sample String:** {"majordesc":"Maintenance of Community Assets","referenceno":null,"major\_code":"2059","wrk\_nm":21224153,"voucherdate":"01/04/2020","minor\_code":"101","minordesc":"Maintenance and Repairs","objectdesc":"Other Expenditure","voucherno":"FFC/2020-21/P/1","objectcode":"80","filename":"","month":4,"vouchertype":"EX","entity\_code":67940,"schemename":"Four teen Finance Commission","voucheramount":149370,"particulars":"kiran brick field","paymentdetails":[{"amount":149370,"ddamount":0,"accounttype":"B","account\_no":"22465211590","chequedno":"","received\_from\_desc":"KIRAN BRICK FIELD JURI CHANDRAMPUR","ddno":"","letteradvicedate":null,"chequedddate":null,"v\_id":1,"paymentmode":"O","towhompaid":"A","letteradviceno":"","dddate":null}]}

Following is the list of fields which are to be included in the webservice for Payment Voucher in EGramSwaraj:

Payment Voucher				
S.No	Jason Tag	Data Type	Desription	Mandatory (Yes/No)
<b>paymentVoucher (root tag)</b>				
1	state_code	Integer	State LGD Code	Yes
2	entity_code	Integer	Local Body Code	Yes
3	entity_type	Character (2)	(ZP/BP/VP) ZP- Zila Panchayat BP- Block Panchayat VP- Village Panchayat	Yes
4	voucherType	Character (2)	EX- Expenditure	Yes
5	scheme_uid	Integer	EGramSwaraj Scheme ID	Yes
6	operation	Character(6)	(Insert/Update)	Yes
<b>classification (array)</b>			The classification array will contain below mentioned 6 tags(7-12)	
7	scheme_child_uid	Integer	EGramSwaraj Scheme Component ID	Yes

8	major_code	Character Varying (4)	4 Digit Expenditure type Major Code of MAS	Yes
9	minor_code	Character Varying (3)	3 Digit Minor Code of MAS	Yes
10	sub_code	Character Varying (4)	4 Digit Sub Code of MAS	Yes
11	objectcode	Character Varying(2)	2 Digit Object Code of MAS	Yes
12	amount	Double(upto 2 decimal point)	Voucher Amount	Yes
13	referenceNo	Character varying (10)	Reference Number	No
14	voucherdate	Date	Voucher Date (YYYY-MM-DD)	Yes
15	particulars	Character Varying (400)	Remarks	Yes
<b>paymentDetails (array)</b>			The paymentDetails array will contain below mentioned 17 tags(16-32)	
16	paymentMode	Character(1)	(Mode of Payment C,D,E,L) C- Cash D- Cheque E- Demand Draft L- Letter Advice	Yes
17	accountType	Character(1)	(Account Type B/T/P) B- Bank T- Treasury P- Post Office	Yes, If Mode of Payment is Cheque/Demand Draft/Letter Advice
18	btpCode	Integer	(Bank/Treasury/Post Office ID)	Yes, If Mode of Payment is Cheque/Demand Draft/Letter Advice
19	branchCode (Branch ID in case of Receipt Type B) -- Integer	Integer	Bank Branch ID	Yes, If Account Type is Bank
20	accountNo (Bank/Treasury/Post Office Account ID) - Integer	Character Varying(20)	Account number	Yes, If Mode of Payment is Cheque/Demand Draft/Letter Advice

21	cheque_no (Cheque number)-- Character Varying(20)	Character Varying(20)	Cheque number	Yes,If Mode of Payment is D(Cheque)
22	cheque_date (Cheque Date)- YYYY-MM-DD	Date	Cheque Date	Yes,If Mode of Payment is D(Cheque)
23	towhompaid (Benificary Type A/E/C/O) -- Character(1)	Character(1)	Benificary Type	Yes
24	towhompaid_code (Benificary Code) -- Integer	Integer	Benificary Code	Yes
25	othersName (Other's Name in case of towhompai O)	Character Varying(1)	Others Name	Yes,IfBenificary is Others
26	letterAdviceNumber (Letter Advice number)-- Character Varying(20)	Character Varying(20)	Letter Advice Number	Yes,If Mode of Payment is L(Letter advice)
27	letterAdvice_date (Letter Advice Date)- YYYY-MM-DD	Date	Letter Advice Date	Yes,If Mode of Payment is L(Letter advice)
28	dd_number (Demand Draft number)-- Character Varying(20)	Character Varying(20)	Demand Draft number	Yes,If Mode of Payment is E(Demand Draft)
29	dd_date (Demand Draft Date)- YYYY-MM-DD	Date	Demand Draft Date	Yes,If Mode of Payment is E(Demand Draft)
30	dd_amount (Demand Draft Charges)-	Double(upto 2 decimal point)	Demand Draft Charges	Yes,If Mode of Payment is E(Demand Draft). It can be zero f there is no demand draft Charges
31	amount (Payment Detail Amount) Double	Double(upto 2 decimal point)	Payment Detail Amount. The sum of all the payment details amount must be equal to the amount tag mentioned above.	Yes

<b>32</b>	chequebookversion	Character(1)	Cheque Book Version C-CTC M-MICR	Yes, If Mode of Payment is D(Cheque)
-----------	-------------------	--------------	---	---

