



GOVERNMENT OF JAMMU & KASHMIR
Chief Minister's Monitoring Cell

**"Modernization of Ahji Canal, Budgam
(Physical Verification Report)"**



By Joint Director,
CM's Monitoring Cell.

PHYSICAL VERIFICATION REPORT

Name of the Project	Modernisation of Ahji Canal, Budgam
Source of Funding	AIBP/State Plan
Executing Agency	Irrigation Division, Ompora Budgam
Year of start of Work	1996-97
Target CCA	7556 hac
Original date of completion	2009-10
Revised date of completion	2012-13
Expected date of completion	2012-13

Ahaji canal was originally constructed almost a century back for providing irrigation to the culturable command area of 6896 hac of land falling right from Arizal Beeru to Budgam spreading across 102 villages. It was constructed on conventional designs, but with the passage of time and especially due to floods, it had suffered damage and almost became defunct as a result of which the canal network remained in shambles. The government while taking cognizance of the situation arising out of the near non availability of irrigation facility decided to take up the project of "Modernisation of Ahji canal" with the GoI which was subsequently approved by Planning Commission under AIBP at a cost of 20.51 crore with a matching state share.

Financial status:

	(in crore)
Original Cost	20.51
Funds released (ending Dec, 2012)	18.46
Cumulative expenditure (ending Dec, 2012)	17.53
Balance funds required	2.05

Initially the project was funded under state plan and an expenditure of 338.52 lacs was incurred on the project ending 03/2005. The funding position since 01.04.2006 is as under:

	<i>in lacs</i>			
<i>Year</i>	<i>State Share</i>	<i>Central Assistance</i>	<i>Total Releases (Cumulative)</i>	<i>Expenditure Year-wise</i>
Ending 03/05	338.52	-	338.52	338.52
2005-06	58.15	-	396.67	58.15
2006-07	41.85	-	438.52	41.85

2007-08	49.66	-	488.18	49.66
2008-09	30.00	-	518.18	30.00
2009-10	79.22	243.00	840.40	322.22
2010-11	50.00	405.00	1295.40	455.00
2011-12	-	-	-	-
2012-13	-	551.00	1846.40	458.14
<i>Total</i>	<i>647.40</i>	<i>1199.00</i>	<i>1846.40</i>	<i>1753.54</i>

Despite delay in execution, the project has not undergone any cost revision until now. The main reasons for delay in execution of the project are attributed by the agency to the sluggish funding under state sector upto the year 2008-09. However, the work on the project has picked up from 2008-09 only after the project was approved by the Planning Commission, GoI for funding under AIBP.

Physical Status of Works:

The physical progress of the project is briefly detailed as under:-

<i>Components of work</i>	<i>Unit</i>	<i>Target</i>	<i>Achievements</i>	<i>Progress (%age)</i>
Main head Regulators	Nos	02	02	100
Road crossings:				100
▪ Foot bridges/culverts	Nos	27	27	
Cross drainage works	Nos	41	41	100
Off take points	Nos	20	16	80
Falls	Nos	66	59	89
Canal linings	Kms	5.20	5.11	98
Outlets	Nos	100	64	64
Escapes	Nos	03	03	100
Structures	Nos	02	02	100

The overall physical progress is around 92%.

General Observations/ Problem areas:

The project as such is not fraught with any problem except the funding. The balance cost of 2.05 crore which needs to be released and utilised for closure of the project.

Modernisation of Ahji canal is a major medium scheme to achieve an annual irrigation potential of 8316 hac (7556 hac during Kharief and 760 hac during Rabi) after its completion. The main canal being a gravity canal having source as Sukhnag Nallah at Arizal is in a Nallah shape. As the title of the project suggest, it envisages treating of only those spots of the canal where there is profuse

leakage and loss of water and has to retain the existing section. The same holds good for its two main branches namely "Kati and Karshan", where in also the existing section of the Nallah is to be retained; only weak and vulnerable spots are being treated except for some obligatory bottle necks to make the portion in consonance with the available section.

Work of "Modernization of Ahji canal" and its main distributions was initially taken up in 1996 at a cost of 20.51 crore. The scheme was originally funded under State Sector upto March, 2005 with an expenditure of 3.38 crore. The project has been approved by the Planning Commission, GoI in the year 2008 under AIBP. Against the total releases of 18.46 crore (11.99 crore Central Assistance and 6.47 crore State Share), the expenditure incurred ending December, 2012 is of the order of 17.53 crore (94 %) with physical progress also achieved more than 90%. The project is likely to be get closed by March, 2013.

The details of gross area irrigated and production per hac of Kharif and Rabi crops under adequate and inadequate irrigation conditions before and after modernisation of the Ahaji Canal is detailed hereunder: -

Crop Pattern	Area (hac)		Produce (per hac)	
	Pre Modernisation	Post Modernisation	Pre Modernisation	Post Modernisation
<u>KHARIEF</u>				
Paddy				
a) Grains	5992.30	6221.18	23 Qt	40 Qt
b) Grass	5992.30	6221.18	260 Kharoo	400 Kharoo
Maize				
a) Grains	157.42	786.85	16 Qt	40 Qt
b) Straw	157.42	786.85	32 Qt	100 Qt
Vegetables	167.94	176.76	110 Qt	110 Qt
Oats	153.37	370.80	400 Qt	450 Qt
<u>RABI</u>				
Oil seeds	292.30	384.61	10 Qt	10 Qt
Other crops	132.79	375.70	3 Qt	4 Qt
<i>Qt- Quintal (100 Kgs)</i>				

It is evident from the above table that annual irrigation potential has increased from 6896 hac to 8316 hac (6471 hac to 7556 hac during Kharief and 425 hac to 760 hac during Rabi) after modernisation of the canal. Similarly the production per hectare has also increased mainly in case of Kharief crops. It was informed that with the increase in the production of crops by the augmented irrigation facility the economic condition of the villagers has also

ameliorated. The project besides generating tremendous agricultural benefits is indirectly generating recurring as well as non-recurring employment during cultivation/harvesting seasons and construction/execution period respectively.

Main Canal

The length of the main canal is about 8.53 Kms while as length of supply channel and distribution channels is 1.34 Km and 225.18 Km respectively. Out of the total main canal length of about 8.5 km, the initial stretch of 1 km of it from Arizal was trekked at different locations where the canal was flowing parallel and close to the road and where there were approach paths. The main canal seems to be in a good condition. Several canal branches, Khuls and Minors also takeoff from main canal till it reaches "Kati and Karshan" bifurcation head regulator. This stretch of the canal has escape channels, distributaries bridges etc. Foot bridges have been constructed to provide connectivity to the public residing on the either sides of the canal.

Ahji canal has been designed for a discharge of 413.50 cusecs at head reach from RD 0 to 28000 with a bed width of 10.67 mtrs. The canal at head reach from RD 0 to 10000 has low embankments, with no freed board at place. From RD 10000 onwards upto RD 28000 canal runs in a Nallah shape and has been channelized. The leakages/loss of water has been stopped upto 95% by way of construction of cement concrete lining walls and treatment of weak and vulnerable spots etc. The works executed few years back on main canal and supply channel were found as per specifications and had stood the test of time and their serviceability is found satisfactory. The supply channel and main canal was seen in good shape except some slight damages at few spots.

Distribution system/ minors

There are two distributaries of the main canal with 104 minors/sub minors. At RD 28000, the main canal bifurcates into two main branches namely "Karshan and Kati" as per command area requirement. The Karshan branch has to carry a discharge of 219 cusecs with a bed width of 6.10 mtrs and similarly the Kati branch has to carry a discharge of 146 cusecs with a bed width of 5.50 mtrs. Both the distributaries viz. Kati and Karshan were found in poor condition at most of the places. Silt and garbage has accumulated and some grass and plants had grown within the distributaries and some minors /sub minors which were physically inspected.

The majority of the works involved in project execution on main canal/Kati and Karshan branches are in the shape of construction of escapes, cross drainages, foot bridges/culverts, off take points, falls, main head regulator, outlets which have almost been completed.

The detail of canal branches, Khuls and Minors taking off from Ahji Canal with discharge and command area is as under: -

<i>Name of Minor</i>	<i>Discharge in cusecs</i>	<i>Area in hectares</i>
Checkmarg Minor	2	36
Qumeroo Minor	2	36
Khokhar Khan	1	18
Wadipora Minor	1	19
Kawan Khan	5	82
Gund Khul	1	18
Saidbur	3	56
Abjiber	3	54
Kralnewa Khul	2	36
Chartoo Khul	1	18
Kulhama Khul	2	36
Mungwari Khan	8	144
Bastoori Khan	8	144
Waterhail Khul	3	54
Seer-Gagrial Khul	12	216
Chana Khul	1	18
Karshan branch	216	3942
Kati branch	144	2628
Total	415	7555

As per the DPR, 421 no. of major/medium works are envisaged in the execution of the project. Maximum of the works have been completed while few are still under execution. The details of items of work alongwith the cost estimates and expenditure incurred ending December, 2012 forms annexure to this report. Since it was not humanly possible to conduct the inspection of all the executed works in a single day, so a sample of 26 works was randomly drawn from the list provided by the concerned Irrigation Division for on-spot physical inspection. The details of inspected works is detailed hereunder: -

S. No	Name of work	Progress achieved
1	Const. of fall cum off take point of Mardara M/O Kati canal B/O Ahaji canal and strengthening of Mardara near breached/sloughened spot.	80%
2	Const. of fall cum offtake point of Nari dara khul/Shamber khul M/O Karshan B/O Ahaji canal at Paris-abad.	100%

3	Const. of cen.conc lining wall on Nagri khul M/O kati B/O Ahaji canal at Brial near Govt School and Gama khul at spots	97%
4	Const. of cem.conc lining wall on Kati canal branch of Ahaji canal RD 800-1600	95%
5	Const. of chain link fencing around gange hut at Karshan at Ahaji canal	92%
6	Const. of fall (cut offs) and protection to existing lining at spots at RD 0-4500 of supply channel of Ahaji canal.	25%
7	Const. of created protection off take point d/s of Shalle khul M/O Karshan distt. of Ahaji canal	100%
8	Const. of cem.conc channel on Chambal Khul B/O Zabgul Khul M/O Ahaji canal at Petkoot village at spots	45%
9	Const. of Protection bund on l/s embankment of Baba Khul and R/S embankment of Chowderibagh M/O Kati B/O Ahaji canal	80%
10	Const. of fall cum side protection of Baba Khul at Village Takipora M/O Kati B.O Ahaji canal	100%
11	Const. of two no R.C.C flumes on Bedi Khul and fall cum off take point of Kayirber Khul on Soibugh Khul,Bedi Khul and protection walls on Soibugh Khul at Village War Sangum Soibugh M/O Kati B/O Ahaji	100%
12	Const. of foot bridge crossing over Sukhnag nallah at Village Katyail off take point of Ahaji canal	100%
13	Improvements to H/W and escape of Ahaji canal at RD-0	100%
14	Const. of fall cum off take point of Hanjgaroo khul and Chakatdaji Khul minors of Ahaji canal	50%
15	Development of Lawn and other allied works at Head works of Ahaji	100%
16	Const of foot bridge on main Karshan distributor and lining wall on Gamma khul Naidgam of Ahaji canal at Khushalpora Wadwan near Primary School.	40%
17	Laying of RD blocks on Ahaji canal and its distributries Kati and Karshan	95%
18	Const. of fall cum off take point of Mukdamdara Takipora of Baba khul u/s Takipora bridge M/O Kati.	60%
19	Const. of chaink link fencing and park at Head Regulator of Ahaji canal RD-0	40%
20	Const. of fall on main Kati distt. Of Ahaji canal between off take point of Gratakul and Baba khul at Waterwani	100%
21	Const. of falls at Dobi Mohallah near RD 7400 and Shiekh mohallah RD 8000 on Kati branch of Ahaji canal.	40%
22	Const. of glacies fall on Ahaji canal at RD 1100 Mungwari Khaan.	40%
23	Const. of reallocated fall cum off take point of Rupnardara and Protection walls on Baba Khul at village waterwani M/O Kati B/O Ahaji canal	100%
24	Laying of crates on supply channel cross crates in Sukhnag Nallah and construction of collapsible cross bund of Ahaji canal at Arizal.	90%
25	Const. of Glacies fall cum off take point of Labartal Khul at RD 19600 of Parisabad B.O Ahaji canal.	70%
26	Improvement to tractor crossings by way of providing of R.C.C beams/caps & steel deck at Azad gund Wadwan Karshan branch of Ahaji canal.	100%

All the works mentioned above were physically found executed to the percentage of extent shown against each. The execution of the scheme also involves cement concreting works by way of construction of fall cum off take points, lining walls, foot bridges, RCC

tractor crossings etc. Under the circumstances the agency should have carried out the cement concreting tests but the officials expressed inability in producing the testing reports. It is presumed that cement concrete tests had never been undertaken while doing the concreting works. The works seem to have been executed skilfully as the inspected works some of which had been carried out much earlier were also found still in a good condition. But majority of the civil works done are without cement plastering finish.

The pace of the work was found quite sluggish on the day of inspection as few workers were seen working on the project at only one spot. It was reported by the Xen that the slow pace of work is due to chilly weather conditions. He further informed that the remaining work shall get accelerated in the month of February and onwards only when the weather becomes conducive for carrying out civil works. The funds to the extent of 1 crore are still available with the agency and under the given circumstances it should not hesitate in speeding up the pace of work. The Irrigation season normally starts from April and ends in October and under the given situation the executing agency has to execute the works on the canal only between November and March months.

It was informed by the Xen that massive extraction of bajri and bolder (Nallah Mulba) is being carried out by the locals residing on either side of the canal especially in the two braches of Kati and Karshan canals by using JCB cranes. This action on the part of the offenders has changed the course of the nallah at many spots. He further explained that the matter was taken up with the district Administration to put a halt on the same but no action has been taken sofar and the process is still going on.

There is a provision of 17.45 lacs for project maintenance and 5.50 lacs for plantation on the canal network in the DPR. It was explained by the officials that the provision under these components has not been utilised fully until now. However, under maintenance sub-head, repairs/improvements/restoration of damages has been carried out for old existing structures like drop fall on Kati branch, escape at Waterhail RD 7000, improvement to Manzim khul, Khardara khul & Picher khul of Ahaji canal. Some portion of funds under plantation component has been utilised for development of park at the canal H/Qtr. It was informed by the Xen that late releases under Central Assistance at the initial stage and subsequent extension in COD beyond project specification coupled with cost escalation in material, did not provide much scope for plantation on the banks of canal. The agency intends to plant trees on the canal

embankments for which a request has been made to the Social Forestry Department for the purpose. The plantation work is programmed to be done only after the closure of the project. It was further informed that the care shall be taken to accommodate plantation work also from the overall savings of the scheme.

The matter of the fact is that the agency should have utilised the funds under these two components as per the specifications of the DPR. It should have also utilised the maintenance part to repair and renovate the spots which had suffered damage on the canal as the spots are vulnerable to further damages due to erosion and other factors. The overall quality of the works executed was found satisfactory.

It was informed that there is dearth of field staff as the majority of the field staff employees had superannuated. The vacant posts have not been filled up so far which is hindering the smooth working of the division. Further, a delegation of the employees working on casual basis at Ahaji Canal Head Qtr and VIP Hut Yusmarg of the Irrigation Deptt also met the inspecting officer and made a humble request for pleading their case before the authorities for regularisation of their services in the Deptt. Reportedly these persons are working as Chowkidars at the above mentioned places and are being paid wages only for three months during the year. On enquiry, it was informed by the Xen that there is dearth of field staff and the case of these persons has already been forwarded to higher authorities for their absorption in the Deptt at least as Daily wagers as they are serving the Deptt from the last more than 10 years on 24x7 basis.

Suggestions:

- I. The Administrative Department should take up with the GoI for release of the balance funds under AIBP as CA during the current financial year, if not released until now.
- II. The Directorate of Geology and Mining should look into the matter of illegal extraction of bajri and boulder from the Ahji canal (Kati and Karshan bifurcation). It should also take stricter action against offenders involved in the act.
- III. The executing agency should accelerate the pace of work on the scheme as the weather conditions have now become favourable for execution of civil works and carryout the repairs of damaged spots of the works

already executed. It should also ensure that the project is completed by the expected date of March, 2013.

- IV. The executing agency should in future carryout the cement concreting tests wherever concreting work is done at the appropriate lab. It should consider de-silting work of the canal network out of the funds meant for maintenance. It should also undertake the plantation work on the canal network where works have been executed for which provision under the scheme is also available.
- V. The Administrative Department should consider filling up of the vacant posts in the concerned Irrigation Division so that it does not face any difficulty in running its day to day affairs.

Physical Verification Conducted by	Shri Altaf Ahmad Zargar, Joint Director Planning, Monitoring Cell, Chief Minister's Secretariat.
Officers of Executing Agency who accompanied the inspecting officer	Executive Engineer, I&FC Division Budgam AEE/JEE concerned.
Date of conduct of physical verification	15-01-2013



Escape constructed for overflow on the supply channel of Ahji canal near Arizal



Head regulators for Ahaji canal near Arizal



RCC flume constructed on one of the distribution network channel



Head regulators for Kati and Karshan branches of the canal



Crate work provided on the canal for protection



Water fall on Kati canal at one of the spots

Annexure to the PVR "Modernization of Ahji Canal Budgam".

S. No	Name of the Work	<i>in lacs</i>	
		Allotted/ Estd. Cost	Exp. ending 12/201 2
1	Printing & framing of action plan etc.	0.85	0.85
2	Check-Bandi & survey work of Ahaji canal	1.00	0.59
3	Laying of RD blocks on Ahji canal	2.19	2.19
4	Const. of chain link fencing around gang hut at Karshan at Ahaji canal	3.50	3.13
5	Const. of chain link fencing and park at head works of Ahaji Canal.	9.47	0.00
6	Restoration of supply channel by way of laying of anti-erosion crates at RD 1300-1600 on Ahaji canal.	1.35	1.35
7	Impmts. to toe protection of escape channel	1.00	1.00
8	Impmts to L/s embankment of supply channel RD 2450 near mosque at Arizal.	0.85	0.85
9	Restoration/ Impmts. to the existing log boom at RD 900.	0.70	0.70
10	Restoration of L/S of supply channel at RD 900 by way of const. of crate spill.	0.70	0.70
11	Impmts. to RCC flume Labertal khul by way of const. of check dam at Shoolipora.	20.30	20.30
12	Construction of lining wall at Atwatidara and bifurcation.	0.12	0.12
13	Restoration of supply to Ahaji canal by way of const. of crate work & boulder bund.	1.455	1.455
14	Raising of bed level of log boom RD 950 on supply channel of Ahaji canal.	0.558	0.558
15	Impmts/restoration of damages to log boom at RD 900 of supply channel of Ahaji canal.	0.550	0.550
16	Const. of RCC foot bridge at RD 2100 on supply channel of Ahaji canal at Arizal.	1.142	1.142
17	Impmts. cum construction of toe crates on supply channel near escape of Ahaji canal.	0.443	0.443
18	Restoration of supply channel by way of lying of anti-erosion toe crates and spurs RD 1300-1600.	4.364	4.364
19	Impmts. to Ahaji canal by way of re construction of Atipora/Sholipora flume.	5.14	5.14
20	Impmts/ Reconstruction of RCC flume at Naridara Sholipora.	2.21	2.21
21	Impmts. to RCC flume at Labertal khul at Karshan branch of Ahaji canal.	0.794	0.794
22	Repairs to 2 no iron gates on Karshan B/O Ahaji canal at Naidgam.	0.352	0.352
23	Impmts. of RCC flume at labertal khul B/O Ahaji canal by way of const. of U/S and D/S transitions at Sholipora.	0.626	0.626
24	Impmts. to Suman bifurcation on Soibugh khul B/O Ahaji canal at War Sangam	0.35	0.35
25	Const. of Retaining wall at Hatharan Khul chek Khul, Kati branch of Ahaji canal at Soibugh Hatharan.	0.762	0.762
26	Construction of lining wall K.P on I/s of Vail khul, Kati branch of Ahaji canal near RD 600 at Brail.	0.13	0.13

27	Reconstruction of RCC culvert for vehicles near the house of Awtar Krishan on Wooder khul Karshan B/O Ahaji canal at Wadwan.	0.583	0.583
28	Restoration of I/s embankment of supply channel wooden log boom RD 900 by way of construction of crate work.	1.124	1.124
29	Construction of concrete limned channel at Bodina M/O Kati branch near the house of A.A.Fayaz, phase I.	0.559	0.559
30	Modernization of Ahaji canal by way of bifurcation.	1.49	1.49
31	Diversion of nallah Sukhnag RD1300-+1600 to avoid diversion cut by way of laying stone filled crates and E.C bags on supply channel of Ahaji canal.	0.26	0.26
32	Construction of escape no 1 on the supply channel of Ahaji canal	1.775	1.775
33	Construction of Escape/ Head regulator U/S Bastoori Khan at Hanji Guroo.	1.54	1.54
34	Construction of foot bridge/ lining wall on Dakarmona khul, Karshan B/O Ahaji canal	0.332	0.332
35	Construction of tractor crossing and L.W on Soibugh khul at Hatharan, Kati B/O Ahaji Canal.	0.80	0.80
36	Construction of RCC flume at Bonhama on Karshan B/O Ahaji canal.	0.257	0.257
37	Construction of water distribution system at Gama hull Nasrullahpora bifurcation on Soibugh khul, kati branch of Ahaji canal.	1.78	1.78
38	Construction of crate protection work on Kati branch at RD 27000.	0.745	0.745
39	Construction of crate protection work on kati branch at spot I.	0.720	0.720
40	Construction of crate protection work on kati branch at Baba khul, RD 31000	0.877	0.877
41	Construction of crate protection work on kati branch at Baba khul, RD 31000	0.79	0.79
42	Construction of crate protection work at various spots and supply channel.	2.752	2.752
43	Construction of plum conc. lining at RD 0-15000.	2.755	2.755
44	Construction of L.W at Nasrullahpora on soibugh khul.	3.86	3.86
45	Construction of RCC flume at Kralnewa.	0.891	0.891
46	Construction of drop fall at RD 19200.	1.047	1.047
47	Construction of crossing at Kulhama khul on Thokar Khul.	0.60	0.60
48	Removal of slips and disposal of same RD 2500-4000.	0.40	0.40
49	Strengthening of Chratoos khul by way of crate work and L.wall.	0.896	0.896
50	Const. of RCC foot bridge at Kralnewa.	0.184	0.184
51	Const. of plum concrete lining wall from Ismail Bhat to bus stop.	0.547	0.547
52	Const. of escape and lining wall at Waterwani khul on Kati branch at RD 15000.	0.537	0.537
53	Const. of Retaining wall on R.S embankment at Nasrullahpora on Soibugh khul.	0.704	0.704
54	Const. of L /Wall and foot bridge at Dharmonah near the house of Ghulam-ud-din Shah on Degitral Khul,	0.553	0.553

	Karshan branch.		
55	Const. of foot bridge near the house of M. Amin Shah at Dharmonah.	0.339	0.339
56	Const. of tube siphon on Waterhail khul B/O Ahaji canal.	0.178	0.178
57	Const. of approach/ lining Wall on Malik/ Gama Khul, Karshan B/O Ahaji canal.	0.376	0.376
58	Const. of plum concrete L / Wall on Karshan B/O Ahaji Canal at Daharmonah.	0.775	0.775
59	Const. of R.S sloughned embankment by way of earth filling RD 50000-52000 Wadwan branch.	0.586	0.586
60	Const. of conc. wall at Warapora on Haran Khul branch of Kati.	0.283	0.283
61	Const. of distribution on Pallar khul at Kati branch.	0.74	0.74
62	Const. of bifurcation and foot bridge on Gotapora Khul at Wadwan.	1.40	1.40
63	Restoration of Brimal khul by way of earth work excavation.	0.372	0.372
64	Const. of plum concrete L /Wall on left embankment of supply channel spot I.	1.00	1.00
65	Const. of cross bunds on off take point of Ahaji canal across Sukhnagh.	0.30	0.30
66	Const./ Restoration of Pahli khul, watligam, branch of Ahaji canal.	0.32	0.32
67	Improvements to Barikhar flume by way of wings for abutments of flume.	0.37	0.37
68	Restoration of Wouderkhul of Bastoori Khan B/O Ahaji canal.	0.33	0.33
69	Const. of drop fall at RD 23200 of Ahaji canal.	1.50	1.50
70	Conducting of survey work.	3.81	3.81
71	Procurement of departmental materials.	2.927	2.927
72	Const. of trash guard on supply channel of Ahaji canal.	9.90	9.90
73	Const. of escape at supply channel and its channelization.	21.87	21.87
74	Const. of head regulator at Bastoori Khan along with escape.	11.62	11.62
75	Const. of drop fall on main canal at Hanjiguroo.	12.10	12.10
76	Const. of fall on U/s of Hanjiguroo RD 23400 (additional work)	7.50	7.50
77	Const. of RCC flume at Ramhama.	1.38	1.38
78	Const. jacketing of damaged abuts of flume at Chanapora.	0.92	0.92
79	Extension/ strengthening of Waragam khul.	1.86	1.86
80	Const. of RCC flume at Kulhama, spot-I.	2.79	2.79
81	Impmts. of damaged glasis on main overflow of canal.	4.30	4.30
82	Const. of RCC flume at Hanjiguroo.	0.61	0.61
83	Const. of covered channel and restoration of breached spots of Brimal khul at Chanthan Checkpora.	2.00	2.00
84	Const. of bifurcation on Goutapora khul at Wadwan.	2.98	2.98
85	Const. of drop fall on Kati branch at RD 28250.	7.00	7.00
86	Const. of drop fall on Karshan branch at RD 19200.	7.72	7.72
87	Const. of RCC flume at Akervail.	3.00	3.00
88	Additional extension work of fall at Karshan branch fall at RD 19200.	5.41	5.41

89	Const. of L.wall at Hakarmula khul, Kati	0.62	0.62
90	Const. of RCC flume at Malpora on Ahaji canal.	2.94	2.94
91	Const. of RCC flume at Bonhama on Ahaji Canal.	2.35	2.35
92	Const. of L.wall at Hakarmula khul, Kati B/o Ahaji canal.	0.31	0.31
93	Const. of RCC flume at Malpora on Ahaji canal.	1.29	1.29
94	Const. of RCC flume at Bonhama on Ahaji Canal.	0.69	0.69
95	Const. of escape/ regulator on Kati Karshan bifurcation.	1.74	1.74
96	Additional work of fall RD 28250 on Kati branch.	2.50	2.50
97	Adjustment of stock for maintenance of works of Ahaji canal.	0.27	0.27
98	Const. of head regulator on Kati Karshan bifurcation.	6.53	6.53
99	Checking of leakages by way of cement concrete L / Wall RD 1362, 2450 and 3616.	8.50	8.50
100	Const. of plum concrete L /W on Shamber khul near Govt. school at Parsoo.	8.73	8.73
101	Const. of guide banks by way of plum concrete L/W on U/S fall at RD 19200 on Karshan branch of Ahaji canal.	7.97	7.97
102	Const. of L /W on supply channel on U/S of escape.	0.53	0.53
103	Const. of cement concrete L /W on main canal D/S bridge on L.S.	3.12	3.12
104	Const. of lining wall/linned channel on Wahabpora minor B/O Wahabpora Gamma khul M/O Karshan.	0.751	0.751
105	Const. of L.W and foot bridge on Babal khul.	0.06	0.06
106	Laying of RCC deck slab on Soibug khul at Hatheran Soibug.	0.07	0.07
107	Const. of guide bank along right side of canal U/S fall at RD 28250 on Kati branch.	1.08	1.08
108	Const. of plum conc L /W at Dahpora on Galwanpora khul at spots.	0.52	0.52
109	Const of cement concrete L /Wall on L.S embankment from RD 4000-5200 and RD 5200-6200 and stone pitching at spots.	8.00	8.00
110	Const. of distribution regulator at Kawan Khan at RD 9400.	0.40	0.40
111	Const. of RCC culvert at RD 2400 of supply channel.	1.31	1.31
112	Const. of head regulator on Kati Karshan bifurcation.	8.17	8.17
113	Construction of crated protection at Dobi Mohallah, D/S Khardara RD 9500 at village Brail	2.935	2.935
114	Const. of L.W and foot bridge on Babul khul on Karshan.	0.35	0.35
115	Const. of plum. conc L.W and spillway on Labertal Chandapora khul on Karshan branch.	3.00	3.00
116	Imptts. to RCC flume on Labertal khul at Sholipora by way of providing of jacketing and construction of check walls.	3.77	3.77
117	Const. of L.W on Shamber khul on Karshan branch.	3.91	3.91
118	Const. of guide bank on R.S of Ahaji canal RD 23200, U/S fall.	7.96	7.96
119	Const of cement concrete lining wall on L.S RD 1100-1350 on supply channel.	0.77	0.77
120	Const. of cement concrete lining wall on L.S RD 1200-3500.	2.98	2.98
121	Const of cement concrete lining wall on L.S	2.99	2.99

	embankment, RD 6200, RD 10000 on main canal.		
122	Imppts. to escape on supply channel.	4.26	4.26
123	Const. of head regulator on Kati Karshan bifurcation.	9.30	9.30
124	Construction of cement concrete wall on Harim khul B/O Nagri Khul M/O Kati at Abadpora Imambara	7.21	7.21
125	Const. of L.W and foot bridge on Babul khul on Karshan.	0.35	0.35
126	Const. of plum conc L.W and spill way on Labertal Chandpora khul.	3.00	3.00
127	Imppts to RCC flume on Labertal Chandpora khul at Sholipora by jacketing/ check walls.	7.14	7.14
128	Const. of lining wall on Shamber khul on Karshan.	3.91	3.91
129	Const. of flume at Shivpora at Ramhama.	1.25	1.25
130	Const. of bifurcation on Chatttabug khul.at Sofipora	0.51	0.51
131	Const. of transition walls U/S of head regulator on Kati branch.	3.72	3.72
132	Const. of RCC flume/ transit channel at Kawam-uddin M/o Mundadara.	0.57	0.57
133	Const. of abuts/tractor crossing on Saman khul, Soibug at RD 3500.	0.45	0.45
134	Const. of bifurcation at Warapora on Kati and bifurcation at Tanganwari.	2.11	2.11
135	Reconstruction of gutted J.E's quarter on Ahaji head works.	8.94	8.94
136	Const. of cement concrete L /W on L.S embankment RD 2500-3500 at spots.	4.05	4.05
137	Const. of cement concrete L /W on L.S of main Ahaji canal at Mungwari Khan.	1.30	1.30
138	Const. of cement concrete L /W at Waterhail khul near the land of M. Altaf at RD 12000.	0.64	0.64
139	Const. of crate bund at Waterwani.	1.35	1.35
140	Const. of plum concrete lining wall on Brail khul at village Brail.	0.50	0.50
141	Const. of Magraydara bifurcation at Soibug on Sumu Khul.	0.64	0.64
142	Const. of head regulator at Kati Karshan bifurcation	9.30	9.30
143	Imppts. to RCC flume at Labertal Chandpora khul at Sholipora by way of jacketing.	7.14	7.14
144	Const. of RCC flume at Kulhama.	6.86	6.86
145	Const. of L.W, foot bridge at Babul khul on Karshan branch on Ahaji canal.	0.35	0.35
146	Const. of bifurcation on Sofipora Khul at Chattabugh and plum concrete lining wall.	1.00	1.00
147	Const. of transit wall on U/S and D/S on Kati Karshan head regulator and const. of curtain wall and laying of crates.	5.56	5.56
148	Const. of foot crossing at Vassu Rawalpora.	1.72	1.72
149	Const. of cement concrete lining wall at Mongwari khan on Ahaji main.	1.68	1.68
150	Const. of transition wall U/S and D/S of Kati, Karshan head works.	5.91	5.91
151	Const. of off take point of Lolina, Katrigund khul and foot bridge.	4.40	4.40
152	Const. of boulder bund on L.S of Karshan head regulator.	0.80	0.80
153	Const. of crate wall on breached on Shiv khul.	0.22	0.22

154	Const. of bifurcation on Soibug khul at Alamganj.	2.80	2.80
155	Const. of tractor crossing on Alamgunj khul M/o Kati branch at Soibug.	0.80	0.80
156	Imptt. to damaged drop fall at Dauchnar at Kati branch.	7.14	7.14
157	Const. of bifurcation on Sofipora Khul at Chattabug and lining wall.	1.00	1.00
158	Const. of L.wall /Retaining wall on pathjandara, Gama khul, Daharmuna khul at labertaland Daharmuna.	1.70	1.70
159	Const. of cement concrete L.wall on Labertal khul D/S of RCC flume at Sholipora.	1.25	1.25
160	Const. of plum conc L.wall on labertal khul near H/o Gaffar Hajam and Sultan.	3.85	3.85
161	Const. of plum conc L.wall on Karshan branch at Wahabpora.	2.20	2.20
162	Const. of transitions channel at Hokhlatri khul, bed treatment and L.wall on sunder khul off take, strengthening of Gunnion khul.	1.20	1.20
163	Const. of RCC abutments for steel flume on Shiv khul of Kati branch ay Dadina.	1.80	1.80
164	Const. of cement concrete L.wall and laying of crates on Karshan branch at wahabpora.	1.51	1.51
165	Providing and installation of steel flume (trough only) on Shiv khul at Dadina.	3.00	3.00
166	Const. of boulder bund near Kati Karshan head regulator on Kati branch.	0.80	0.80
167	Imptt. to Viel khul B/O Kati at its off take.	0.70	0.70
168	Const. of foot bridge on Kati branch at Sheikh Mohalla Waterhail RD 9000.	0.69	0.69
169	Const. of bifurcation on Grata khul M/o Karshan branch at Naidgam.	0.60	0.60
170	Const. of escape at Archakal khul M/o shiv khul B/o Kati.	0.70	0.70
171	Const. of L.wall and foot bridge on Gama khul near H/o Prof. Ab. Gani.	0.54	0.54
172	Const. of lining wall near the mosque and near H/o M. Abdullah at Pallar.	0.25	0.25
173	Const. of foot crossing at Margaydara at Soibug.	0.50	0.50
174	Improvements to off take point of Vail khul M/O Kati	3.24	3.24
175	Improvements to Charmutoo flume by way of renovation, improvements to Malpora khul by way of earth work and lining.	2.18	2.18
176	Construction of Warragam khul M/O Ahji by way of laying M.S pipe.	0.65	0.65
177	Construction of RCC flume and channel at Akarwail khul.	2.49	2.49
178	Construction of foot bridge and Lining wall near H/O Ab. Gani.	1.97	1.97
179	Construction of foot crossing at Vassu Rawalpura.	2.00	2.00
180	Construction of plum concrete lining wall on L.S of culvert on Gama khul B.O Bunhama.	0.66	0.66
181	Construction of plum conc. L.W on both sides of Nallah Kati Hardvail, Wooden khul M/O Vail khul B.O Ahaji.	1.41	1.41
182	Const. of embankment in boulder stone filled crates	2.69	2.69

	L/S of Karshan RD 35245.		
183	Const. of plum concrete channel and foot crossing at Pushwari khul.	0.36	0.36
184	Improvements to main canal by way of crate protection RD 19000ft D/S & channelization.	1.51	1.51
185	Improvements to chute of escape by way of crate protection at Arizal.	2.18	2.18
186	Restoration of chambal Khul by way of const. of plum concrete L.wall at village Pethkot.	0.20	0.20
187	const. of pickup weir at off take point on supply channel.	6.24	6.24
188	Improvement to Ahaji Canal on Supply Channel from RD 3200' -3300'	2.22	2.22
189	Construction of plum concrete lining wall on R/S of canal from RD3500-RD 4400' at spots (near Jamia Masjid)	11.80	10.38
190	Providing of protection crates along supply channel and spur at places.	4.80	4.80
191	Imptts. to off take point crate protection & detouring of Hanjigaroo khul.	1.49	1.49
192	Const. of lining wall on Gamma khul Wadwan M/O Karshan B/O Ahaji canal at Malik Mohallah Wadwan.	2.824	0.00
193	Const. of foot bridge on main Karshan distributor and lining wall on Gamma khul Naidgam of Ahaji canal at Khushalpora Wadwan near Primary School.	4.676	2.33
194	Const. of bifurcation on Vakri khul & Const. of lining wall on Gama khul at Paris.	0.73	0.73
195	Laying of crates & Shingle/shoal clearance from supply channel of Ahaji canal.	0.40	0.40
196	Construction of Nassrullapora bifurcation M/O Kati at village watervani at RD 36618'.	6.60	6.60
197	Construction of bifurcation at Seer,gagreil and Lining wall on left side at seer near Village Hokiliter.	1.13	1.13
198	Construction of bifurcation on Badi Khul at village warasangam and on Saki khul at village Harran.	2.80	2.80
199	Construction of Head regulator of Labertal khul at Parisabad.	12.41	8.29
200	Construction of crated fall cum off takes point of Veil khul at RD 8900' M/O Kati distributary.	9.72	9.72
201	Construction of crated fall cum off takes point of Khare dara khul at RD 9200' M/O Kati distributary's B/O Ahaji Canal	10.12	10.12
202	Construction of crated fall cum off takes point of Nagri khul at RD 10240' M/O Kati distributary's B/O Ahaji Canal.	4.17	4.17
203	Construction of series of crated falls cum from RD 10800' – RD 11500' on Kati distributary's B/O Ahaji canal.	27.33	27.33
204	Construction of crated fall cum off take of Pitcher dara of Kati distributry B/O Ahaji Canal.	8.63	8.30
205	Construction of crated fall cum off take point of Zaidan dara khul at RD 28300' M/O Kati distributary's B/O Ahaji Canal	17.17	8.09
206	Construction of crated fall cum off takes point of Gratte Khul at RD 33500' M/O Kati distributary's	13.615	11.94

	B/O Ahaji Canal at village watervani		
206	fall cum off take point at Mukdam dara Takipora.	6.785	3.90
207	Construction of crated fall cum off takes point of Kater Gund at RD 3640' M/O Karshan distributary's and lined channel at Shalkote dara M/O Kati B/O Ahji Canal	7.50	6.41
208	Construction of crated fall cum off take point of Lolina Khul at RD 3000' M/O Karshan distributary's B/O Ahaji Canal	5.00	3.25
209	Construction of crated fall cum off takes point of Shalle Khul at RD 30900' M/O Karshan distributary's B/O Ahaji Canal& lining wall on Dom khul, Qazi khul,Shahtul khul M/O Karshan distributor at village Dharmuna	7.50	7.34
210	Construction of crated fall cum off takes Point of Wahabpora Khul at RD 38250 ' M/O Kurshan distributary's B/O Ahaji Canal	10.63	10.63
211	Construction of series of falls and protection bund on Kati Canal from RD 24900` to RD 25400` branch of Ahaji Canal.	29.56	22.36
212	Construction of falls on Main canal Ahaji at spots i) Constt. of fall at RD 10500' to 11000 Wasoo at Saida Beri ii) Constt. of fall at Mongwari khan iii) Constt. of fall cum off take point of Kralnewa khul & Chekal Daji iv)Const. of fall cum off take point of Hanjgaroo khul and Chakatdaji Khul minors of Ahaji canal.	9.815 10.591 14.65 19.894	9.19 0.00 12.41 13.14
213	Construction of fall at: a) Shiekh Mohala RD 8000 & Dhobi Mohalla RD7400 b) Dounsar U/S RD 27100.	12.129 26.011	2.92 3.62
214	Construction of crated protection at Ahanger Mohalla R/S Sholipora U/S & D/S Grate Khul.	19.015	7.19
215	a)Construction of off take cum fall on Babe Khul & Rupnar Dare M/o Kati RD 34500'& b) Const. of fall cum L/W on Shalinarge khul and Gamma khul at spots M/O Waterwani B/O Kati.	17.74	9.44
216	Construction of off take cum fall on wudir khul at watervani and on Babe Khul (Ganie Gund) at Village Bodina and protection of R/S embankment of Babakhul near L/o Aga Syed Mohammed and others	14.86	14.86
217	Construction of fall on main Karshan at RD1400' U/S Steel bridge and Const. of fall cum off take point of Nari dara khul/Shamber khul M/O Karshan B/O Ahaji canal at Paris-abad	23.64	23.64
218	Construction of fall cum off take of Tyshama Nov dara and at Bota Khul minors of kurshan . (2no's)	13.08	13.08
219	a)Construction of fall at Prounsnar bridge RD 33100 b)Const. of crated fall at RD 31900' on Karshan distributor of Ahaji canal near Kawlum c)Const. of crated fall cum off take point of Shalla khul RD 31000 Karshan	9.399 5.847 5.384	08.21 2.116 5.384
220	Construction of fall cum off take points on main karshan canal at :- i) Nigloo khul / Dignar L/S Kurshan RD32400'.	2.52	2.52
221	ii) Grate Khul at RD 34600'.	9.06	8.94
222	iii) Zuhra Khul L/S main canal RD 41000'.	7.12	7.12

223	Construction of fall at off take point of Bustori Khan	8.23	0.00
224	Improvement to drop fall and head regulator, Const. of fall cum off take point of Waterhail khul B/O Kati Ahaji Canal.	11.228	9.93
225	Construction of fall cum off take point of: a) Mardara b) Shiv khul c) Paller khul	42.044 8.631 7.11	34.60 8.631 7.11
226	Construction of fall on Kati at Shalkoot near grave yard.	16.144	15.84
227	Const. of sluice gate at out fall channel of Paller Khul at Village Reshipora of Ahaji canal	1.58	1.52
228	A) Construction of fall cum off take point of Galwanpora khul at village Waterwani at RD-35900 and B) fall cum off take of Kayarberi khul on Sangum khul at village Warsangum.	5.63 7.87	5.61 7.87
229	a) Const. of fall on main Kati distt. of Ahaji canal between off take point of Grata khul and Baba khul. b) Baba khul at Waterwani and d/s off take point of wudur khul at village waterwani	13.51 1.99	13.51 1.99
230	a) Construction of fall cum off take point of Takipora dara at village Dahpora b) Const. of fall cum side protection of Baba Khul at Village Takipora M/O Kati B.O Ahaji canal.	1.071 8.069	1.07 8.07
231	Const. of : i) Protection wall on Soibugh Khul, Gamma Khul, Sangam Khul and foot Xing on Wooder Khul, Haven Khul and Khin dara at Village Nassrullapora M/O Kati ii) Protection wall on Wooder khul Khindara and Gratadara at Village Nasrullahpora M/O Kati branch of Ahaji canal. iii) Protection walls on Hakarmullah Khul, Gamma Khul and Galwanpora Khul at spots at Village Laribal Hakarmulla M/O Katti B/O Ahaji.	8.725 1.744 5.650	8.64 1.58 4.67
232	Construction of protection walls on Bardaji khul, Check/Hartharan khul, Lashi khul, Rehnayri khul, Shalla khul and Soibugh Khul at spots at village War Sangam Haran Soibugh.	16.00	11.10
233	Construction of fall cum off take point of Grata khul M/O Karshan, Ahjai D/S Zoohar khul and lining wall on khah khul Karshan branch RD 41200 at Wahabpora	11.00	10.82
234	Const. of series of crated falls cum side protection on Karshan Branch B/O Ahaji canal at RD 36000.	19.98	14.21
235	Construction of fall at RD-45000 at Sofipora bifurcation on Karshan Dist. of Ahaji	14.23	8.00
236	i) Const. of created protection off take point d/s of Shalle khul M/O Karshan distt. of Ahaji canal & ii) Const. of Protection bund on l/s embankment of Baba Khul and R/S embankment of Chowderibagh M/O Kati B/O Ahaji canal	10.28 08.67	10.28 6.94
237	Const. of Chattabugh Gamma Khul, bifurcation and lining wall at Saipora on Darmuna Khul M/O Karshan of Ahaji canal	6.90	6.84
238	a) Const. of check walls and falls at village Labatal on Labartal khul M/O of Karshan B/O Ahaji	15.65	

	b) Const. of cement concrete lining wall on Labartal Khul M/O Karshan B/O Ahaji canal at Shoolipora at spots c) Const. of cement concrete lining wall on Gama khul M/O Chandpora Khul B/O Labartal M/O Karshan at Chandpora village		7.02
239	Const. of fall (cut offs) and protection to existing lining at spots at RD 0-4500 of supply channel of Ahaji canal	12.034	2.63
240	Const. of off take point cum fall of Seer Gagrelil & Grata khul near R.D. 21800 at main Ahaji	12.00	0.00
241	Const. of fall cum escape on Zoo nallah at Daharmuna, fall cum bifurcation on Gama khul minor of Karshan near RCC culvert at Wadwan & fall cum bifurcation of Gama khul minor of Karshan near Ganie gand at Gothapora	16.50	16.43
242	Const. of reallocated fall cum off take point of Rupnardara and Protection walls on Baba Khul at village waterwani M/O Kati B/O Ahaji canal	11.27	11.27
243	Const. of RCC flume at Najan.	1.67	1.67
244	Construction of siphon in village Dachin on Dachin Minor	5.00	5.00
245	Const. of bifurcation on Nagri khul.	4.438	4.438
246	lining wall at Fakir tuk Shiv khul	0.882	0.882
247	Construction of lined flume at Basipora m/o Karshan.	2.77	2.77
248	Construction of lined flume channel on poserber dara M/O kurshan at parisabad.	2.102	2.102
249	Construction of RCC flume at Atipora/Sholipora at Parisabad	2.44	2.44
250	Construction of cement concrete flume at Aarchatry Khul, M/O kurshan distributry.	5.00	5.00
251	Construction of bifurcation on waterhail Khul at Zargar Mohalla , Rather Mohalla.	4.36	4.07
252	Improvement to Tengnar Minor & Escape channel m/o Waterhail khul b/o Ahji Canal.	14.29	14.29
	Construction of bifurcation imptt. To Mugal Bagh Gund	2.427	2.40
253	U/S,D/S Transition Steel Flume on Shiv Khul	3.073	0.00
254	Construction of RCC flume on Lassipora Udoo khul at Lassipora.	5.35	5.23
255	Constr. of linned channel across Maltaing dara B/O Shiv khul at Dadina	2.08	2.08
256	Const. of lined channel & tractor crossing on Dobi khul minor Karshan at Daharmuna	4.65	4.35
257	Const. of cement conc. lining wall on main Kati from RD 800-1600'	6.096	5.88
258	Const. of RCC foot bridge on Gamme khul Bonhama	1.25	1.25
259	Const. of RCC foot bridge of RD 9000 on Kati khul at Sheikh mohalla	2.89	2.89
260	a) Const. of RCC foot bridge at Bonhama and b) R.C .C culvert at Warpora Sebden	0.855 0.935	0.855 0.935
261	Const. of one No. foot crossing on main Ahji canal at village wachoo.	3.10	3.10
262	Const. of foot crossing on Sukhnag on brass chill	4.80	4.80

	temporary diversion		
263	Const. of foot bridge & laying of RCC slab over Magray pora at Soibugh	1.00	1.00
264	Const. of foot crossing on Sukhnag on brass chill temporary diversion-part-B	7.39	7.39
265	Construction of foot bridge on Kati Khul at Dhobi Mohalla	3.83	0.00
266	Construction of foot crossing at Waterhail khul main chowk near mosque ,Bhat Mohalla, Zargar Mohala & Rather Mohalla at Akervail on Veil Khul Nasrullahpora khul at, Badi Khul, Haran/wudir/Khine Dara Khuls.	3.00	3.00
267	Construction of foot bridge on game Khul near Masjid Sharief at Mir Mohallah Nasrullapora, at RD 39350' at Wahabpora, Wadwan Khul/Gamme Khul at Wadwan (3no's) and Tractor crossing on Zoo Nallah at Dharmun, & foot bridge near village Katiyali	34.76	27.10
268	Construction of foot bridge on Shesber M/O Labertal and lining	1.155	1.155
269	Const. of Tractor X-ing and culvert on Paller Khul of Kati canal near Imambara Wani Mohallah	2.20	2.20
270	Const. of R.C.C Culvert on Gamma Khul M/O Karshan canal B/O Ahaji canal at Wadwan near Bata Gund	2.57	2.57
271	Improvements to tractor crossing by way of providing of R.C.C beams/caps and steel deck at Azad gund Wadwan Karshan branch of Ahaji canal	18.00	10.67
272	Improvements to H/W and escape of Ahaji canal at RD-0	16.29	16.29
273	Completion of J.E's Quarter and Improvements to chowkidar quarter	12.14	11.14
274	Construction of gang hut at Karshan near head regulator (Bifurcation).	6.00	5.58
275	Detouring of Waterhail khul and resectioning of Shiv khul u/s and d/s of M.S flume.	3.00	0.00
276	Raising and strengthening of L/S embankment of game khul m/o karshan u/s railway track at chattebugh & detouring of Dagtul khul Daharmuna	1.50	0.00
277	Re-sectioning of Ahaji canal from RD 1700-28900 at spots with removal of boulders	1.45	1.45
278	Widening and strengthening of embankment of Baba khul at village Takipora and const. of lining wall at Nassrullahpora of Ahaji canal near H/O Farooq Ahammad Dar	1.876	1.876
279	Raising of embankment of Aliber khul M/O Karshan at village Daharmuna	3.14	3.14
280	Deepening widening and re-sectioning of Harran khul B/O Soibugh khul M/O Kati B/O Ahaji canal at Warpora Harran d/s Railway bridge to Saike khul bifurcation	1.08	1.08
281	Deepening widening and re-sectioning of Saike khul B/O Soibugh canal M/O Kati canal B/O Ahaji canal at Warpora Harran	1.45	1.45
282	Const. of Lining wall on main canal at RD 1100 ft	0.15	0.15
283	a) Const. of L/wall on main canal RD 6400ft, RD 6700ft. b) Const. of Protection wall on L/S of Sangam Khul at	2.44	2.40

	village Pathanpora M/O Kati B/O Ahaji canal near land of Haji Ab.Satar Bhat		
284	Const. of breached spot of kralneva khul by lining.	0.55	0.55
285	Const. of lining wall on Mongwari khan	4.88	4.88
286	Const. of plum concrete channel on pahli khul B/o bastoori khan	1.49	1.49
287	const of plum concrete wall on Gunion khul & const. of lining protection guide wall & training of Ani nallah	3.55	2.58
288	Const. of Left side embankment and channelisation of Bastoori khan RD 23800ft	1.78	1.78
289	Imptts to off take of Grata khul by way of laying of crates	0.38	0.38
290	Const. of crate protection bund on right side at RD 21000ft & const. of C.C lining on left side	2.90	2.90
291	a) Const. of crate bund opp. Ani khul & at Grata khul Rd 21,200ft & const. of cement concrete lining Upstream Hanjigaroo b) Const of cem. conc. Lining wall on Kadalbal khul B/O Labartal khul M/O Karshan distributor of Ahaji canal.	5.93	4.05
292	Const. of cem.conc. lining wall on Galwanpora Khul M.O Kati distributor of Ahaji canal at Dahpora near H/O Mohd.Amin Latoo.	1.20	1.20
293	Const. of plum concrete lining wall behind mosque at village waterwani on Grata khul	0.40	0.40
294	Const. of lining wall on R/S and L/S of Soibugh khul at village Nasrullapora	1.76	1.76
295	Const. of lining wall near House of Mohd. Abdullah on Pallar khul	0.32	0.32
296	Const. of lining wall (protection Bund) on Athwati khul M/o Soibugh khul at village Nasrulapora.	1.80	1.80
297	Const. of L/wall, retaining wall crates on Pathjandara Gama khul Labertal khul Daharmuna.	4.95	4.95
298	Const of Lining wall on Labertal khul near Gaffar Hajam.	4.55	4.55
299	Const. of L/wall & foot bridge house of Gani Najar on M/o Karshan at wadwan.	2.24	2.24
300	Const. of L/wall & foot bridge on upsteram & downstream R.C.C flume at Malik mohalla Sholipora(labertal)	4.65	4.65
301	Improvements to shal koot by way of crates and lining wall	2.57	2.57
302	Const. of cement concrete L/wall on Dagtul khul near H/O Hamid Malik	0.46	0.46
303	Const. of cement concrete lining wall on Kair khul at Daharmuna	0.46	0.46
304	Const. of cement concrete lining wall on Garind khul near L/O Mustafa.	0.75	0.75
305	Const. of cement concrete lining wall Yarwani khul at Betabagh	0.48	0.48
306	Const. of plum concrete lining wall on Soibugh khul Nasrulapora M/o kati.	2.72	2.72
307	a) Const. of lining wall left side downstream Rawalpora foot crossing RD 1300 main canal b) Const. of cement concrete lining wall on I/s of Kati branch of Ahaji canal d/s Zaindara off take cum fall.	3.18	3.10

308	Const. of lining wall Left side Ahaji canal downstream R.C.C culvert Aarizal	0.90	0.90
309	Const. of plum concrete lining wall near Jamia Masjid Vassu	1.08	1.08
310	a) Const. of plum concrete lining wall right side Ahaji spot -I upstream chartoo foot crossing. b) Const. of cement concrete lining wall on Bata khul M/O Karshan canal B/O of Ahaji canal at Sarthpora.	3.02	0.46
311	Improvements to left side embankment breached spots RD 12000 of Watrehail khul	2.70	2.70
312	Strengthening of left side embankment downstream RD 1000 Waterhail khul	2.34	2.34
313	Const. of Bonet bifurcation on Seer khul B/O Ahaji canal	2.00	1.47
314	Const. of plum concrete channel & L/wall on Hardara Khul & Gama khul Bonhama at spots	5.00	5.00
315	Const. of plum concrete lining wall on shalla kul M/o kati.	0.52	0.52
316	Const. of Gama khul within the premissis of Jamia Masjid M/o kati	1.20	1.20
317	Plugging of breach on Vichar khul new colony Brail M/o kati	1.78	1.78
318	Const. of cement concrete lining on wadwan khul Malik mohalla	0.71	0.71
319	Const. of cement concrete L/wall on Kazi khul M/o karshan B/o Ahji near H/o Gh. Ah. Bangroo at Daharmuna	0.26	0.26
320	Imptts. to Pouserber Pouserdera and nar khul at posure & sholipora M/o karshan Ahaji by way of cement concrete work, earth cutting E/C bags	1.31	1.19
321	Const. of lining wall Nar khul at Gothpora.	1.40	1.40
322	Const. of lining wall on Aliber khul H/O Jamal Beigh	0.65	0.65
323	Const. of lining wall on Doonie khul H/O Rahim Beigh /Reshi	0.56	0.56
324	Const. of plum concrete lining wall on chek khul M/o kati from H/o Gh Mohd Sofi to spots at Soibugh	2.88	2.88
325	Const. of lining wall on Hatharan khul at village Hatharan at spots M/O Soibugh khul of Ahaji canal	1.54	0.80
326	Const. of C.C L/Wall on Nar khul Peer Khul & Marg khul M/o karshan B/o Ahaji near H/o Syed Rafiq Shah Gothpora	1.38	1.38
327	Construction of cement concrete lining on main canal RD 0 – 1900 ft at spots.	23.53	17.46
328	Construction of cement concrete lining on L/S of main canal RD 12450' – 12900' ft	7.37	6.60
329	Construction of cement concrete lining wall on main Kati canal at spots from RD 0 to RD 800 ft.	11.22	8.82
330	Improvements to Labertal khul by way of cement concrete lining from Ziyarat Sharief up to Higher Secondary at spots.	6.13	6.13
331	Construction of lining wall on Dubi Khul, Zooni Khul, Aliber khul and Gama Khul M/O Ahaji canal.	5.12	5.12
332	Construction of lining wall on right side on Mongwari Khan near the house of Mohd. Ramzan.	3.53	3.53
333	Construction of lining wall on L/side of Bustori Khan Ahaji Canal near Utligam.	3.18	3.18

334	Const. of cement concrete lining under modernization of Ahaji canal from RD 1770-2314,2753-3469 and 3785-4120	13.25	13.25
335	Construction of plum conc. Lining wall on R/S from RD4547' to RD 5050' , 5205' to RD 5765' & RD 6975 to RD 8583'.	18.03	18.03
336	Construction of lining wall on right side on Mongwari Khan near the house of Abdul Rashid and on Kwan Khan near Shalinar.	2.22	2.22
337	Construction of cement concrete lining on Sub-Main Kati i.e on Waterhail Khul at spots, vichar dara, Veil khul,	11.879	10.12
338	Construction of cement concrete lining on Sub-Main Kati i.e Nagri Khul Abadpora at grave yard & Govt. School Brail, Maradara, watervani, Paller Khul and Shive Khul at spots.	4.751	4.57
339	Construction of lining wall on L/S & R/S of Soibugh Khul at Spots at Nasrullapora.	7.06	7.06
340	Construction of lining wall on Game Khul at spots at village Nasrullapora and b/s of Soibugh Khul at Warsangam d/s steel bridge.	5.55	5.55
341	Construction of lining wall on Rehnari khul near shrine of Haqani Shaibh at Kavnar Khul at spots near grave yard & Masjid sharief at Pymas and Bund Khul at Haker Mulla at spots near H/o Mohd Sultan Hajam Dahapora khul, Tilwandara.	8.41	5.64
342	Construction of lining walls both sides of wudir khul at spots near H/O Gh. Hassan Dar & Ali M. Dar at village Nasrullapora.	5.20	5.20
343	Construction of lining wall a) At Qadipora on Tangwani dara Galwanpora Khul at Dahapora. Tengwani Khul at Hatharran near H/O Manzoor Ahmed. Lashi Khul firdous Colony at Soibugh. L/walls on Pohar khul on b/s b) At Dharmun Check Hataharan khul c) Const. of lining wall on Bata khul at Soibugh B/O Kati Ahaji canal and lining wall on Sake khul Harran	13.49	13.40
344	Construction of lining wall on Wadwan, Gamme khul, Bazaar khul, Peer khul, Wahabpora khul, Chate bugh khul.	24.00	20.10
345	Construction of lining at karshan off take, Labertal khul at Sholipora, kadalbal khul, Astan Khul near H/O of M. Abdulla Mir at Garend, Gund Mamdare at spots, Vekri khul, Sheshberi khul and Shamber khul at spots and Hajam Mohalla Utligam (Bantoori Khul)	33.09	25.35
346	Const. of lining wall on Shalkoot khul M/O Vail khul B/O Kati	0.64	0.64
347	Const. of cem. conc. wall on Wakri khul u/s tunnel at Paris	2.57	0.00
348	Const. of cem. conc. flume and lining wall on Barran khul B/O Seer Gagriel khul	3.108	3.10
349	Const. of cem. conc. lining wall on Gama khul B.O Vakri Khul M/O Karshan B/O Ahaji at Parisabad	3.91	3.84
350	Const. of protection walls on Hatharn Khul and Bardaji Khul at village Hatharn Soibugh M.O Kati B.O Ahaji	4.44	4.44

351	Const. of protection wall on Shall Khul and tractor X-ing on Rehnari.Khul near Hakani Astan M/O Kati B/O Ahaji canal at village Harran and Soibugh.	4.31	4.20
352	Const. of protection wall on Rehnari Khul and Lash Khul at spots at Village Soibugh	5.81	5.81
353	Const. of lined channel and foot bridge on Dobi Khul Gama Khul M.O Karshan at Darmuna of Ahaji	4.66	0.00
354	Const. of cem.conc. lining wall on Dagital Khul at Dharmuna and on Wadwan Khul, out fall channel at Wadwan M/O of Karshan Ahaji canal.	5.84	0.00
355	Const. of lining wall on Gamma Khul/ Wadwan Khul Chatabugh Khul, Watel Khul M/O Karshan B/O Ahaji canal.	8.49	0.00
356	Const. of protection wall on Sangam khul Tangwani dara X-ing on Sangum Khul at village Nassrullahpora Pathanpora M/O Kati	2.68	2.16
357	Const. of cem.conc lining wall on Rehanyari khul/ Jamia khul at Soibugh near H/O Mohd Subhan Bagwan Kati branch of Ahaji canal	1.88	1.88
358	Const of lining wall on Dahpora, Dalwanpora Khul,Tilwandara and Gama khul Dahpora, Mir mohallah Ahaji canal	3.78	3.78
359	Improvements of Shalla bifurcation and const. of lining wall on Gama Khul Daharmuna M/O Karshan distributor B/O Ahaji canal at Village Dharmuna	2.50	2.23
360	Const. of cem.concrete lining wall on Reshipora khul B/O Paller khul M/O Kati B/O Ahaji canal at Reshipora near Imbara Jadeed	2.68	2.68
361	Const. of lining wall on Check/ Hatharn khul Posher khul M/O Kati branch of Ahaji canal at spots at village Hatharn near Jamia Masjid & Dharmuna stop at spots	7.13	7.13
362	Const. of cement concrete lining wall/cement concrete lining at village Kadipora on Tangdara M/O Kati B/O Ahaji canal	0.84	0.00
363	Reconstruction of lining wall on Gamma khul Chattabugh of Ahaji canal	1.02	0.85
364	Construction of lining wall on Qazi khul minor of Ahaji canal at Dharmuna	0.41	0.37
365	Protection work by way of lining of crate on main kati at sholipora.	0.70	0.70
366	Protection to sloughened R/s of main kati near land of Sh.Gh. Rasool u/s drop fall	1.79	1.79
367	Improvements to Karshan canal by stone filled crates at danas	0.50	0.50
368	Improvements to Karshan canal by stone filled crates u/s bifurcation at wahabpora	0.98	0.98
369	Const. of lining wall on Kati canal B/O Ahaji canal at Brial D/S RD 11300	2.41	1.96
370	Imppts. to Waterhail khul by way of plugging of breaches at sakinar Brail B/o Ahrizal	0.76	0.76
371	Improvements to Karshan main by laying crates at Naidgam	1.61	1.61
372	Improvements to Karshan canal by stone filled crates at Nigloo	0.50	0.50

373	Const. of lining wall on Waterhail khul B/O Ahaji canal at Waterhail at spots.	0.94	0.00
374	Imptts. to Siachin khul & const. of off take Larnew khul M/o seer Gagreil B/o Ahji	0.57	0.57
375	Const. of crated pick up weir at off take point of Nar khul b/o soibugh khul & laying of E/c bags at village Nasrulapora	0.58	0.29
376	Imptts. to Labertal khul M/o kurshan Ahaji canal by way of stone filled crates at spots from labertal & dedina near H/o Safdar Bhat at spots.	1.12	1.12
377	Improvements to Dachin minor by way of construction of kucha pucca Retaining wall.	0.40	0.40
378	Strengthening and construction of crate protection on Babe Khul and const. of off takes of Babe Khul dara at village Taki pora.	6.30	6.30
379	Construction of off take point and strengthening of bund on Watriwani Khul M/O Kati Canal B/o Ahaji Canal.	9.34	6.67
380	Construction of crate protection from Shalla khul off take point to Naidgam.	14.74	13.60
381	Const. of protection work on Bon Khul of Ahaji canal at Village Vaterpora Beeru.	1.83	1.36
382	Const. of check crates and side protection on Karshan branch near RD 10500 B/O Ahaji	1.66	0.00
383	Laying of crates on supply channel cross crates in Sukhnag Nallah and construction of collapsible cross bund of Ahaji canal at Arizal.	2.781	2.45
384	Providing of Aromatic plants at head works of Ahaji canal.	0.10	0.10
385	Development of lawn & other ancillary works.	4.00	2.98
386	Imptts. to pipe Siphon on Waterhail khul by way of providing of M.S trash guard and lead for checking leakages.	2.55	2.55
387	Imptts. to head regulator on kati karshan by way of M.S gates, bed raft and side protection	6.58	6.58
388	Printing, Advertised charges and storage charges of material.	1.50	0.30
389	Const. of cem.conc. wall u/s Prouchnar bridge on l/s of Karshan canal and side protection to Shalle Khul.	7.32	5.97
390	Re-sectioning of Karshan Nallah by way of E/W for removal of meandering pattern at spots from RD-450 to RD8500	2.00	2.00
391	Construction of Retaining Wall/ lining wall at Najan	4.86	3.07
392	Const. of cem. conc toe walls near breached spot and const. of lining wall at sloughened spot on Vicher Khul M/O Kati B/O Ahaji canal at Brail new colony near Poultry form	4.50	4.18
393	Detouring of Mardara near off take point M/O Kati	2.80	2.80
394	Const. of foot bridge on main Karshan at Batapora	3.41	0.00
395	Improvements to drop fall on kati khul at drop fall	4.27	4.27
396	Improvements to Waterhail escape at RD 7000 Numar	3.33	3.33
397	Improvements of breach on khardara spot Manzm khul spot, Const. of supply channel to khardara, detouring of Pitchdara	0.57	0.57

398	Const. of two no foot X-ings on Tangdara and Lash khul at Hatharan and 01 no tractor crossing near Astan Malik Shaibh on Hatharn khul M/O Kati	3.071	2.97
399	Construction of plum concrete lining wall on Mama gund	2.00	2.00
400	Improvement to Sath-wathooth Dara.	2.21	1.56
401	Construction of plum concrete wall and channel on trout dara Mulshal Khul.	1.76	0.78
402	Const. of cement concrete line channel H/O Gh. Hassan Mir at village Bodina Mirgund on Bodin dara M/O Baba Khul of Kati branch of Ahaji	0.46	0.46
403	Construction / extension of Jamia Masjid water course of Gama Khul (Soibugh)	1.56	1.56
404	Construction of flume on Pethkote and Kralenew khul.	4.19	1.71
405	Construction of foot bridge on main canal at waganwari, Zempora near Masjid Sharief.	3.64	3.64
406	Construction of foot bridge on main canal at Waganwari u/s	3.66	3.66
407	Construction of foot bridge on seer minor RD 5600'.	1.00	1.00
408	Construction of lining wall on Mongwari khun & waragam khul near the H/O Mr.Ganie,	3.48	3.48
409	Construction of lining wall / Retaining wall on Kulhama Khul	3.00	2.25
410	Construction of lining wall on Zubgul Khul	3.47	3.47
411	Construction of lining wall on Channepora Khul	4.70	3.91
412	Construction of lining wall on Churmujroo Khul	1.86	1.86
413	Construction of retaining wall on chartoo Khul.	1.08	1.08
414	Construction of lining wall on Gamme khul near village hokliter.	1.00	1.00
415	Const. of cem.conc channel on Chambal Khul B/O Zabgul Khul M/O Ahaji canal at Petkoot village at spots	2.63	1.115
416	Const. of lining wall at Paller khul near Imam Bara.	5.055	4.083
417	Const. of lining cum tractor crossing on Chatbugh khul minor of Karshan & at Naidgam a) Spot -I b) Spot-II	8.378	8.378
		8.362	8.362
418	Const. of lining wall d/s off take point of Zohar khul and lining wall on wahabpora minor M/O Karshan.	2.32	1.271
419	Construction of L/wall at Wadwan khul, Daharmuna khul, Dagtul khul, Zoon Nallah/Wahabpora/Guthapora khul M/O Karshan	8.00	5.841
420	Const of series of stepped falls on Karshan B/o Ahaji Canal at village Batpora D/s Prouchnar bridge RD 35500.	10.74	0.00
421	Const. of falls on Kati B/o Ahaji Canal U/s Dadina.	7.545	0.00
	Purchase of Automatic levels, Metric staves etc.& providing of glow sign boards	2.96	2.96
	Purchase of computers / printers for Divisional/Sub Divisional Office.	1.00	0.00
	Purchase of cement/steel/crate mesh etc. (Stock)		63.73
	Establishment/ other miscellaneous items.	84.29	45.00
	Grand total :	2051.49	1753.54