

Bengaluru Division, Branch wise works are suggested for execution of work through Corporate Social Responsibility are as follows:

I. Electrical:

Sl. No.	Station	Description	Approx. cost in Rs. (1 kwp = 72,000)
1	Railway Hospital at SBC	Approx. area is 2050 Sq.m and approximate capacity of solar system in KWP is 136.	97,92
2	STC Hostel	Approx area is 950 Sq.m and approximate capacity of solar system in KWP is 63.	45,36
3	Retiring Room at SBC	Approx. area is 650 Sq.m and approximate capacity of solar system in KWP is 43.	30,96
4	Officers Rest House & Maples Rest House	Approximate capacity of solar system in kwp 12. for ORH. Approximate capacity of solar system in kwp 2. for Maples.	8.64 1,44
In ORH entire roof top area is covered by tree branches and shadow thereof. This has to be cleared. In Maple Rest House solar water heat has been already provided. Available Left out area is approx.30 sqm.			
5	D&E category stations (20+55)	Average 40 Sqm.each station at approximate capacity of solar system in 2.5 kwp for each station	1,35,00
(for 2.5 KWP of each station is approximate cost Rs.1.8 lakhs x 75 Nos. of D & E Stations)			
6	Replacement of existing fitting with LED in PF-1, PF 1,7/8 at SBC & PF No.1&6 at YPR and PF 1&2 at BNC stations.	Under plan Head PA and allocation DRF.	9782

II. Engineering:

For Stations Bengaluru Cant (BNC), Bangarapet Jn (BWT) & Kuppam (KPN) and SEC section

Sl.No	Station	Description	Approx.cost in Rs.
1	Bengaluru Cant (BNC)	4,00,000 ltrs per day	1,00,00,000
2	Bangarapet Jn (BWT) & Kuppam (KPN)	Providing & installation of R.O plant of 500 LPH as approved & directed by the Engineer-in-charge @ Rs.2.55,000/- each.	5,10,000
3	Bangarapet Jn (BWT)	Provision of Rain Water Harvesting as approved and directed by the Engineer-in-charge @ Bangarapet Jn (BWT) @ Rs.2,00,000/- each	2,00,000

4	Ksr Bengaluru (SBC)	Providing & installation of R.O plant of 500 LPH as approved & directed by the Engineer-in-charge @ Channapatna (CPT), Maddur (MAD), Baiyyappanahalli (BYPL)-2 Nos, Krishnarajapuram (KJM), DSL/KJM, SGT & Whitefield (WFD) Total 8 Nos @ Rs.2,55,000/- each	20,40,000
		Provision of Rain Water Harvesting as approved & directed by the Engineer-in-charge @ Nayandahalli (NYH), Kengeri (KGI), Ramanagaram (RMGM), Channapatna (CPT), Mandya (MYA), Pandavapura (PANP), Naganahalli (NHY), Bengaluru East (BNCE), Baiyyappanahalli (BYPL), KJM & WFD Stations Total 11 Nos @ Rs.2,00,000/-	22,00,000
		Provision of septic Tanks as approved & directed by the Engineer-in-charge @ Kengeri (KGI), Hejjala (HJL), Bidadi (BID), Channapatna (CPT), Maddur (MAD) 1x3x2 mtr each Mandya (MYA), S-2x4x2mtr each Bengaluru East (BNCE), -2x3x2 mtr, BYPL, 9x3x2, Krishnarajapuram (KJM), -2x3x2, DSL/KJM-10x5x2, SGT-2x3x2, WFD-4x5x3x2, & Devangonhi (DKN) stations Yeliyur (Y), Bengaluru East (BNCE), Baiyyappanahalli (BYPL), Krishnarajapuram (KJM) & Whitefield (WFD) -2x3x2-Total -3.21 lakh litres @ Rs.20/- lit.	64,20,000
5	SBC	Pay and Use toilet-Near 3 rd entry	Rs.20 lakhs, to be executed by RVNL.

III.Commercial:

Sl. No	Proposed Work /Amenities	Maintenance type	Proposed Stations	Cat. of stn.	Location	No. of Units/ Area	Approx Cost (Each Unit)
1	E-Toilets Features:- a) Unmanned, coin operated b) Power efficient c) GPS operated system d) Enhanced	Supply & Maintain	Ksr Bengaluru (SBC)	A1	PF-1 to 10	20	@ 6.5Lacs
			Yesvantpur Jn (YPR)	A1	PF-1&6(2Nos)	10	AMC at Rs.5000/- per month per unit
			Bengaluru Cant (BNC)	A	PF1A-1,PF2-1	5	
			Krishnarajapuram (KJM)	A	PF-1, 2&3, 4	5	
			Bengaluru Cant	A	PF1&2-1,	5	

<p>cleanliness through auto flushes& floor washing</p> <p>e) Onsite waste treatment using anaerobic biodegradation</p> <p>f) optimum use of Electric & water through sensor Conservation</p> <p>g) Stainless steel structure</p> <p>h) Web reports on health status</p> <p>i) She toilet with sanitary napkin with dispenser & incineration item</p> <p>j) Wash basin & health faucet</p> <p>k) Advertising space on outdoor panel</p>			(BWT)		PF3&4-2, PF5&6-1, Concourse -1		
			Kengeri (KGI)	A	PF-1, 2&3	5	
			Baiyyappanahalli (BYPL)	D	PF1-1, PF2-1	2	
			Whitefield (WFD)	D	PF1&2-1, PF3&4-1	2	
			Malur (MLO)	D	PF1&2-1, PF3&4-1	2	
			Kuppam (KPN)	D	PF1-1, PF2-1	2	
			Yelahanka Jn (YNK)	B	On PF-2&3 at SBC end	2	
			Hosur (HSRA)	B	On PF-2	2	
			Karmelram (CRLM)	D	ON PF-2	2	
			Tumkur (TK)	B	PF-1	1	
			Penukonda (PKD)	D	PF-1	1	
			Gauribidanur (GBD)	D	PF-1	1	
			Dodballapur (DBU)	E	PF-1	1	
			Bangalore East (BNCE)	D	PF1-1, PF2-1	2	
			Ramanagaram (RMGM)	D	PF-2&3	1	
			Channapatna (CPT)	D	PF-2&3	1	
			Maddur (MAD)	D	PF-2&3	1	
			Mandya (MYA)	B	PF-2&3	1	
			Pandavapura (PANP)	D	PF-2&3	1	
			Shrirangapattana (S)	D	PF-1	1	
2	Maintenance of Toilets	O & M	Devanahalli (DHL), Chikballapur (CBP), Sidlagatta (IDT), Chintamani (CMY), Srinivasapura (SVS), Kolar (KQZ), Hirehalli (HHL), Golhalli (GHL), Dodbele (DBL), Kyatsandra (KIAT), Nelamangala (NMGA), Tyakal (TCL), Oorgaum (OGM), Gauribidanur (GBD), Hindupur (HUP), Penukonda (PKD), Chikbanavar (BAW), Karmelram (CRLM),	18 Stns.	Rs.15,000 /- Per Month Each stn. Including Salary & Consumable items		
			Malur (MLO), Kuppam (KPN), Gauribidanur (GBD), Hindupur (HUP), Malleswaram(MWM), Hosur (HSRA), Dharmapuri(DPJ), Mandya (MYA), Ramanagaram (RMGM), Shrirangapattana (S)	10 Stn.	Rs.30,000 /- PM Each stn. Including Salary & Consumable items		
3	Construction of new Toilets	BOT	Channasandra (CSDR)	E	PF1&2	Two unit each for	@6.00 Lakhs
			B E M L Nagar H (BEML)	F	PF-1		
			Tumkur (TK)	B	PF-1,		

					PF-2&3	Ladies and Gents	each Approx.
			Yesvantpur Jn (YPR)	A1	PF-1, PF-6		
			Nidvanda (NDV)	E	PF-1		
			Chikbanavar (BAW)	D	PF-1, PF-2		
			Soldevanahalli H (SDVL)	F	PF-1		
			Bhairanayakanahalli H (BNKH)	F	PF-1		
			Muddalinganahalli H (MDLL)	F	PF-1		
			Dobbspet H (DBS)	F	PF-1		
			Kodigehalli H (KDGH)	F	PF1		
			Lotte Gollahalli H (LOGH)	F	PF-1		
			Sri Sathya Sai Prasanti Nilayam(SSPN)	A	PF-2/3		
			Hindupur (HUP)	B	PF-2/3		
			Yelahanka Jn (YNK)	B	On PF-1 and 2&3		
			Rajankunti (RNN)	E	PF-1		
			Oddarahalli (ORH)	E	PF-1		
			Makalidurg (MKL)	E	PF-1		
			Thondebhavi (TDV)	E	PF-1		
			Someshwara (SMWA)	E	PF-1		
			Viduraswatha (VWA)	E	PF-1		
			Devarapalli (DPE)	E	PF-1		

			Chakralpalli (CPL)	E	PF-1		
			REPI	E	PF-1		
			Makkajipalli (MKJ)	E	PF-1		
4	Maintenance of Cleanliness of Stations		Malleswaram (MWM)	D			@ Rs.25000/- pm approx with consumable items
			Bangalore East (BNCE)	D			
			Gudupalli(GDP)	E			@Rs.1500 0/-pm with consumable items
			Coromandel (COL)	D			@Rs.2000 0/-pm with consumable items
			Oorgaum(OGM)	D			
			Champion (CHU)	D			
5	Supply of Drinking Water Facility	O & M	Byatrayanahalli (BFW)	E	500Ltr per day		
			Tyakal (TCL)	E	500Ltr per day		
			Gudupalli(GDP)	E	500Ltr per day		
			Kuppam (KPN)	D	1000Ltr per day		
			Patchur (PU)	E	500Ltr		

					per day		
			Oorgaum(OGM)	D	500Ltr per day		
			KNDV	F	500Ltr per day		
			Ketohalli H (KHLL)	F	500Ltr per day		
			NZH	F	500Ltr per day		
6	Water Cooler	O & M	Yelahanka Jn(YNK)-2, Devanahalli (DHL), Chikballapur (CBP), Sidlagatta (IDT), Chintamani (CMY), Srinivasapura (SVS), Kolar (KQZ), Dharmapuri (DPJ), Palakkodu (PCV), Karmelram (CRLM), Kyatsandra (KIAT), Nelamangala (NMGA), Sri Sathya Sai Prasanti Nilayam (SSPN)-2, Hindupur (HUP), Penukonda (PKD)-2, Gudupalli (GBD), Dodballapur (DBU), Rajankunti (RNN), Oddarahalli (ORH), Makalidurg (MKL), Thondebhavi (TDV), SWMA, Viduraswatha (VWA), Devarapalli (DPE), MLU, Chakralpalli (CPL), REPI, Makkajipalli (MKJ), Nagasamudram (NGM), Narayanapuram (NRYP), Basampalle (BSPL), Kengeri (KGI), Nayandahalli (NYH)			50Nos	@Rs.6500 0/- each approx
7	Granite/ Cement Platform Benches	Installation	Hebbal (HEB), Baiyyappanahalli (BYPL), Channasandra (CSDR), Devangonithi (DKN), Malur (MLO), Butewala (BFW), Tyakal(TCL), Kamasamudram(KSM), Bisanattam(BSM), Gudupalli(GDP), Mulanur(MAR), Patchur(PU), Somanayakkanpatti(SKPT), B E M L Nagar H(BEML), Coromandel(COL), Periyangathunai (PRNT), Anekal Road(AEK), Heelalige (HLE), Dobbpet H(DBS), Muddalinganahalli H(MDLL), Bhairanayakanahalli H(BNKH), Soldevanahalli H(SDVL), Lotte Gollahalli H(LOGH), Kodigehalli H(KDGH), Sri Sathya Sai Prasanti Nilayam(SSPN), Hindupur(HUP), Penukonda(PKD), Gauribidanur (GBD), Dodballapur(DBU), Kengeri(KGI), Mandya(MYA) (31 Stations)			20 Nos. Each Stn.	@Rs.1200 0/- Each approx
8	Construction of FOB	Const.	Krishnarajapuram(KJM)	A	To connecting PF-4 With PF2&3	1Nos.	To be obtained from Eng. Dept.
9	FOB (Ramp Type)	Const.	Bengaluru Cant (BNC)	A	PF-1 and PF-2	2Nos.	
			Baiyyappanahalli (BYPL)	D	PF-1 and PF-2	2Nos.	
			Krishnarajapuram (KJM)	A	PF-1, PF-2&3 and PF-4 to be Connected	3Nos.	
			Whitefield (WFD)	D	Concourse, PF-1&2 and	3Nos.	

				PF-3&4		
			Malur (MLO)	D	Ramp to be connected to Circulating area, PF-1&2 and PF-3&4	3Nos.
			Dharmapuri (DPJ)	D	Towards SZV	1No.
			Rayakkottai (RYC)	E		1No.
			Hosur (HSRA)	B	Towards KMLM	1No.
			Bhairanayakanahalli H (BNKH)			1No.
			Dodbele (DBL)			1No.
			Muddalinganahalli H (MDLL)			1No.
			Nidvanda(NDV)			1No.
			Dobbspet H (DBS)			1No.
			Hirehalli (HHL)			1No.
			Kyatsandra (KIAT)			1No.
			Bangarapet Jn (BWT)	A	Ramp to be connected to Concourse, PF-5&6	4Nos.
			Kuppam (KPN)	D	To connect PF-1 and 2	2Nos.
			Sri Sathya Sai Prasanti Nilayam (SSPN)	A		
			Hindupur(HUP)	B	To connect with new FOB	1 No.
			Gauribidanur (GBD)	D		1 No.
10	SS Liter Bins	BOT	Hebbal(HEB), Banaswadi (BAND), Channasandra(CSDR), Devangonithi(DKN), Malur(MLO), Byatrayanahalli(BFW), Tyakal (TCL), Kamasamudram (KSM), Bisanattam (BSM), Gudupalli (GDP), Kuppam(KPN), Mulanur (MAR), Patchur (PU), Somanayakkanpatti (SKPT), Karuvalli (KVLR), Toppur (TPP), Sivadi (SZV), Dharmapuri (DPJ), Palakkodu (PCV), Rayakkottai (RYC), Periyangathunai (PRNT), Hosur (HSRA), Anekal Road (AEK), Heelalige (HLE), Tumkur (TK), Kyatsandra (KIAT), Hirehalli (HHL), Dobbspet H (DBS), (NVD), Muddalinganahalli H (MDLL), Dodbele (DBL), Bhairanayakanahalli H (BNKH), Golhalli (GHL), Soldevanahalli H (SDVL), Chikbanavar (BAW), Malleswaram (MWM), Nelamangala (NMGA), Kodigehalli		250Nos.	@Rs.1300 0/- Each approx.

			H (KDGH), Lotte Gollahalli H (LOGH), Sri Sathya Sai Prasanti Nilayam (SSPN), Hindupur (HUP), Gauribidanur (GBD), Dodballapur (DBU), Kengeri (KGI), Mandya (MYA), Pandavapura (PANP)			
11	Wheel chairs for Disabled	Bengaluru Cant (BNC), Bangalore East (BNCE), Baiyyappanahalli (BYPL), Krishnarajapuram (KJM), Malur(MLO), Tyakal (TCL), Coromandel (COL), Oorgaum (OGM), Champion (CHU), Bangarapet Jn (BWT), Kuppam (KPN), Channasandra (CSDR), Hebbal (HEB), Banaswadi (BAND), Yelahanka Jn (YNK), Chikballapur (CBP), Sidlagatta (IDT), Chintamani (CMY), Srinivasapura (SVS), Kolar (KQZ), Dharmapuri (DPJ), Sri Sathya Sai Prasanti Nilayam (SSPN), Rajankunti (RNN), Oddarahalli (ORH), Makalidurg (MKL), Thondebhavi (TDV), (SWMA), Vikramgarh Alot (VMA), Devarapalli (DPE), Malur(MLU), (CPLR), (REPI), Makkajipalli (MKJ), Nagasamudram (NGM), Narayanapuram (NRYP), Basampalle (BSPL), Kengeri (KGI), Nayandahalli (NYH), Bidadi (BID), (RMGM), Channapatna (CPT), Madar (MAD), Mandya (MYA), Pandavapura (PANP), (S)		200Nos.	@Rs.2000 0/- Each approx	
12	Buggy/Ferry Cart (With O & M)	Yelahanka Jn (YNK)	B		1No.	@6Lacs each unit approx.
		Dharmapuri (DPJ)	D		1 No.	
		Hosur(HSRA)	B		1 No.	
		Karmelram (CRLM)	D		1 No.	
		Tumkur (TK)	B		2 No.	
		Sri Sathya Sai Prasanti Nilayam (SSPN)	A		1 No	
		Hindupur(HUP)	B		1 No.	
		Ksr Bengaluru (SBC)	A1		6 No.	
13	Escalator	Ksr Bengaluru (SBC)	A1	PF-1,2&3,4,5 &6, 7&8, 9&10	6 No.	1Crore per Nos. Approx.
		Yesvantpur Jn (YPR)	A1	PF-6	1 No.	
		Bengaluru Cant (BNC)	A		1 No.	
		Krishnarajapuram (KJM)	A		1 No.	
		Bangarapet Jn	A		1 No.	

		(BWT)				
		Kengeri (KGI)	A		1 No.	
		Tumkur (TK)	B	PF-1, 2&3	1 No.	
14	Steel Benches (3Seater)	Sri Sathya Sai Prasanti Nilayam((SSPN)	A	PF- 2&3	10 Nos.	@25000/- each unit approx.
		Dharmapuri (DPJ)	D	PF-2	10 Nos.	
		Sri Sathya Sai Prasanti Nilayam((SSPN)	A	PF-1, 2&3	10 Nos.	
		Hindupur(HUP)	B	PF-1, 2&3	10 Nos.	
		Dodballapur (DBU)	E	PF-1, PF- 2/3	10 Nos.	
15	Lift	Sri Sathya Sai Prasanti Nilayam(SSPN)	A	In Conc ourse	1 No.	60Lacs each unit Approx.
		Bangarapet Jn (BWT)	A		1 No.	
		Kengeri (KGI)	A	PF-1	1 No.	
		Kengeri (HUP)	B	PF-1	1 No.	

IV. Mechanical:

Sl. No.	Item	Proposed work	Approx.cost in Rs.
1	On Board housekeeping services	1)Rajdhani Express 2)16502/01 weekly	30,000/- per round trip 25,831 per round trip
2	Comprehensive Supply, washing, Distribution of Linen for a train.	Train having 1248 berths, running 3 trips per week.	1,00,00,000/- per year.
3	PFTR coach cleaning	PFTR Coach Cleaning activities	110/- per coach
4	Coach Cleaning Activities	1)Cleaning & Washing 2)Pest Control 3) Rodent Control	300/ per coach 104/- per AC Coach 166.- per pantry coach 81/- per Non-AC coach(Reserved) 73/- per Non-AC coach(un reserved) 59/- per AC coach 70/- per Pantry Coach 52/- per Non-AC reserved.
5	Provision of LED Destination Board	Set of programmable LED based destination boards.	1,00,000/- per coach
6	Automated Wheel Diagnostic System (WDS)	Wheel Diagnostic System is a fully automatic and in motion inspection and testing unit for the diagnosis of wheels of vehicles in operation.	5,00,00,000/- per System
7	Anti-collusion Device with GPS	In Locos Brake van and LC Gates	10-12 lakh per Rute Kilometre.
8	Eco Friendly Toilets	Bio Toilets in Coaches.	One lakh per Bio-toilet.

ADRM/SBC.