

Rural Electrification Corporation limited
(A Government of India Enterprise)
Bangalore Project Office
Annexure-II

Scope of the work :

Rain Water Harvesting and sump for drinking water at HIG House and other miscellaneous/petty work; i.e. Civil, Carpentry, plumbing, electrical, etc. of Office Building at 1/5, Ulsoor Road, 5 MIG and 3 LIG Quarters at BTM Layout and HIG House No.7, RMV Extn II Stage, Dollars Colony.

Plumbing work at R E C Office

S.No	Description	Quantity
1.	Supplying & Fixing of Water Pump (Standard ISI Make of Crompton Greaves/Sharp/Kirloskar/V.Guard) in place of existing water pump, with all necessary fittings, Transport & Labor Charges, Complete. (Bill and Warranty Certificate of the Pump should be submitted).	One job (Lumpsum)
2.	Supplying & Fixing of Over Head Tank (Standard ISI Make of Sintex/Kaveri/Swastik,etc.) water Level Controller , with all necessary wiring, fittings, transport & Labor charges, Complete.	One job (Lumpsum)
3.	Changing & Fixing of existing water pipe line from Water Meter to Sump to an extent of 96 rft, with all necessary fittings, Ball valve, Excavation, Re-filling (earthwork) Transport & Labor charges. Complete.	One job (Lumpsum)

CIVIL work at R E C Office

SI NO	Description	Quantity
1.	Chipping and Removing of cement mortar plastering wherever necessary on the Terrace for Rectification of water Seepage & Removing of Debris including Transport & Labor charges complete [L.S]	One job (Lumpsum)
2.	Providing of Water Proof plastering in cement mortar 1:4 , 20mm thick using approved Water Proof Compound at one kg. per bag of cement including rounding of all corners wherever required, curing etc., complete on Terrace [L.S]	One job (Lumpsum)
3.	Removing of Pavement Tiles , Refilling of Mud to Level the Ground & Re-laying of Pavement Tiles , complete. [Approx Area of 400 sft]	One job (Lumpsum)
4.	Alteration of existing box type chajjas and re plastering the same for the rain water to flow easily which avoids the seepage and dampering of interior walls inside the Office building (1200 sft) including scaffolding	1200 sft
5	Demarkation of boundary of Office building . [L.S]	One job (Lumpsum)

Carpentry work at R E C Office

SNo	Description	Quantity
1.	Providing and fixing Blockboard Flush Door Moisture Resistant Grade 30 mm thick finished with polished veneer on one face and enamel paint on the other in First Floor along with necessary fittings	24 sft
2.	Providing and fixing Blockboard Flush Door Moisture Resistant Grade 30 mm thick including Sal Wood Frame 65 x 100mm , for the Door and Tinted Glass shutter for the window along with necessary fittings for the kitchen in First Floor	30 sft
3.	Providing and fixing Blockboard Flush Door Moisture Resistant Grade 30 mm thick along with necessary fittings for toilet in Ground Floor	18 sft

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Civil work at No 7 H I G Dollars Colony

SI NO	Description	Quantity
1.(a)	Chipping and Removing of cement mortar plastering on the Terrace & removing of Debris including Transport & Labor charges complete [Lump sum]	One job (Lumpsum)
1.(b)	Providing of Water Proof plastering in cement mortar 1:4 , 20mm thick using approved Water Proof Compound at one kg. per bag of cement including rounding of all corners wherever required, scaffolding, curing etc., complete on Terrace	432sqft
2.(a)	Supplying and fixing of Drainage pipe , civil alteration work for the Rain water collected in open area to flow towards gully Trap, [which at present flowing into the car Garage] including rounding of all corners wherever required, curing etc., complete.	One job (Lumpsum)
2.(b)	Construction of washing slab of size 3' x 3' at ground level with 2 layers of brick wall with bottom slab concrete, fully plastered with the slope for the water to flow and providing of gully trap and water line complete	One job (Lumpsum)
2.(c)	Chipping and removing of cement concrete flooring below the cooking plat form and making provision for the gas cylinder to fit in with replastering, complete in the kitchen	One job (Lumpsum)
2.(d)	Providing and fixing of partition kadappa slab in between cooking area and wash basin, providing of kadappa slab for the shelf and oven with complete packing and plastering (kadappa 20 sqft) complete.	One job (Lumpsum)
3.	Removing of damaged compound grills, Main gate and Re-fixing the same with new one , rounding of all corners in cement mortar concrete, curing to complete. [Lump sum]	One job (Lumpsum)
Fabrication work at HIG House No.7		
4(a)	Providing of New M. S Grill including applying a priming coat of approved steel primer , complete [43 sft]	43 sft
4(b)	Providing of New M. S Main Gate including applying a priming coat of approved steel primer , complete.	60 sft
4(c)	Providing & Fixing of New M. S Safety Grill with Frame & Door including applying a priming coat of approved steel primer , fixing of Door Lock, complete. at Back Entrance of Ground Floor	42 sft

RAIN WATER HARVESTING at HIG Dollars colony

SI NO	Description	Quantity
1.	Supplying & Fixing of down water pipe line connection for the Rainwater collected on the Roof from all the out let's of upper level Tapper roof to the lower level roof and from outlet of lower level roof [3 different Roof 's + 4 different Sun shade Roof 's] to the to the Under ground Sump, from sump to the Garden / chamber connection, for the excess water to over flow, with all necessary fittings, Transport & Labor charges to Complete [Approximate 195 Rft]	One job (Lumpsum)
2.	Supplying & Installing of Standard Pop up Water filter , for filtration with all necessary fittings, transport & Labor charges	One job (Lumpsum)

For Rain Water Harvesting Bidder should have registered with Bangalore Water Supply and Sewerage Board.

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Sump & plumbing work at HIG, Dollars Colony

SI No	Description of Items	Unit	Qty (approx)
1	Earth work Excavation for Sump work & removing the excavated earth to a distance with all lift in hard soil [upto the depth of 6' 0" below Ground level] (7' x 6' x 6')	Cft	252
2	Back filling the excavated earth to all the four sides of the sump wall including watering and compaction with all lead and lift.	Cft	936
3	Providing of Solling with 40 mm Jelly granite or trap jelly, with 1:3 C.M including curring etc., to complete	Cft	50
4	Providing of Bed concrete of CC 1:3:6 using granite or trap jelly, 20 mm including laying and finishing nicely with 1:3 C.M, including curring etc., to complete (with steel Reinforcement and Fabrication Charges)	Cft	50
5	Providing of M 20 cement concrete Top slab for the Sump using clean granite or trap jelly, 20 mm and down size with steel or plywood or plank centering & shuttering form work including laying and finishing nicely with 1:3 C.M, including curring etc., to complete (with steel Reinforcement and Fabrication Charges)	Cft	30
6	Side wall Masonry in C.M. 1:6 with Cement Concrete Blocks 40 cms x 20 cms x 20 cms [8" thk block]	Sft	226
7	Water Proof Plastering in C.M 1:4, 20mm thick for side walls with wire mesh finish & curring	Sft	226
8	Providing & Fixing of Cast iron cover of ISI mark for the sump open of size 2'0" x 2' 0"		1 no
9	Providing of Air vent to sump with necessary fittings (to take care of entry of dust & Insects)		1 no

Cupboards/shelf at HIG, Dollars Colony

Sl.no		Description	Unit	Qty
1		Cupboard		
	Design	Plain		
	Structure	19 mm thk. Commercial blockboard, 6mm thk commercial ply for backside, 19mm thk commercial blockboard for shelves, one each in two Bed rooms.		
	Accessories	Brass cut Hinges, Medium T-bolt aluminium powder coated, Lock for wardrobe shutters, 5" Handles with Magnetic ball catch for doors.		
	Finishes	1 mm thk laminate for the out side & enamel paint with roller finish for the inside	Sft	80
2		CHEJJA LOFT SHUTTERS		
	Structure	19 mm thk. Commercial blockboard, with frame		
	Accessories	Brass cut Hinges, with 3" handles for shutters		
	Finishes	1 mm thk laminate for the out side & enamel paint with roller finish for the inside	Sft	39
3		KITCHEN		
	Design	Plain		
	Structure	19 mm thk. Water proof blockboard, 19 mm thk commercial board for shelves		
	Accessories	self closing hinges, 3" handles		
	Finishes	1 mm thk laminate for the out side & enamel paint		
		with roller finish for the inside	Sft	30

Exterior civil work

Sl no	Description	Qty
1	Alteration of existing box type chajjas and re plastering the same for the rain water to flow easily which avoids the seepage and tampering of interior walls inside the flat, of all the five flats of MIG Quarters including scaffolding	1504 sft
2	Alteration of existing box type chajjas and re plastering the same for the rain water to flow easily which avoids the seepage and tampering of interior walls inside the flat, of all the three flats of LIG Quarters including scaffolding	. 425 sft

Interior civil work

Sl no	Description	Qty
	L F – 1 Civil work	
1	Plastering of wall Below sink [3 x 3] ft	9 sft
	MIG– 2 Civil work	
2	Kitchen: [ceiling 90 sft, wall- 81 sft + wash basin area -10 sft] Room : wall 54 sft, Toilet : ceiling - 20 sft, wall - 30sft, Utility : ceiling wall – 40 sft, Bathroom ceiling - 64 sft, Toilet ceiling – 16 sft	405 sft
	MIG– 3 Civil work	
	Plastering of walls & ceilings	
3	Bed Room: wall - 25 sft, Toilet ceiling – 23 sft, wall – 25sft	73 sft
	MIG– 4 Civil work	
4	Plastering of walls & ceilings	242 sft
	MIG– 5 Civil work	
	Plastering of walls & ceilings	
5	Plastering of walls & ceilings	321 sft
	MIG– 6 Civil work	
6	Plastering of walls & ceilings	159 sft

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Carpentry work of MIG

Sl no	Description	Qty
	MIG- 2 Carpentry work	
1	Providing & replacing of window broken glasses [6nos]	24 sft
2	Alteration work of Main door, Utility door, Kitchen door, Bathroom door + Repair work of Toilet door inclusive of Hinges, & Tower Bolt	L.S
3	Removing & Reaffixing of Lappam over the window glass to hold the glass and avoid water seepage , for all the windows	L.S
	MIG - 3 Carpentry work	
4	Providing & replacing of window broken glasses [5nos]	15 sft
5	Removing & Reaffixing of Lappam over the window glass to hold the glass and avoid water seepage , for all the windows	L.S
6	Alteration work of Main door, Room door & Toilet Door + Bathroom door repair	L.S
	MIG - 4 Carpentry work	
7	Providing & replacing of window broken glasses [6nos]	12 sft
8	Alteration work of Main door, Utility door, Bathroom door, Toilet door.	L.S
9	Removing & Reaffixing of Lappam over the window glass to hold the glass and avoid water seepage , for all the windows	L.S
	MIG - 5 Carpentry work	
10	Providing & replacing of window broken glasses [8nos]	24 sft
11	Removing & Reaffixing of Lappam over the window glass to hold the glass and avoid water seepage , for all the windows	L.S
12	Alteration work of Main door, Room door & Toilet Door + Bathroom door + utility door repair	L.S
	MIG - 6 Carpentry work	
13	Providing & replacing of window broken glasses [4nos]	10 sft
14	Removing & Reaffixing of Lappam over the window glass to hold the glass and avoid water seepage , for all the windows	L.S
15	Alteration work of Main door, Room door, Kitchen door + Repair work of Toilet door+bath room door (half door replacement)	L.S
16	Providing of grill window shutter handles & stoppers wherever missing (approx 30 nos) with bolt & nuts at MIG & LIG Flats	L.S.
17	Alternation and servicing of all grill windows and ventilators for free movement of LIG & MIG Flats	L.S.

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Plumbing work

Sl no	Description	Qty
	LF - 1 Plumbing work	
1	Changing & Providing of tap in the kitchen, Toilet Re-fixing of existing wash basin with new fittings [connection pipe, stop cork along with wash basin supporting clamps] complete	L.S
	LF - 2 Plumbing work	
2	Changing & Providing of 3 taps, fixing of Grating in the Bath room	L.S
	LF - 3 Plumbing work	
3	Providing of tap, connection pipe, stop cork for wash basin	L.S
	MIG - 2 Plumbing work	
4	Changing & Providing of new fittings [2 Taps, connection pipe, stop cork] for wash Basin in utility, complete	L.S
5	Repair of Toilet Flush tank	L.S
	MIG - 3 Plumbing work	
6	Providing of EWC European western Closet [Regular White color] with Flush tank with all necessary fittings in Place of damaged one in the Bath room, Providing of 4Taps in the kitchen, inclusive of transport, labor charges, complete	L.S
	MIG - 4 Plumbing work	
7	Providing of Grating, 3 Taps and Removing of blocked mud in the Sanitary pipe at bathroom, for the water to flow easily complete	L.S
	MIG - 5 Plumbing work	
8	Providing of 3 Taps, connection pipe and minor repairs.	L.S
	MIG - 6 Plumbing work	
9	Repair of Flush tank and wash basin with all necessary fittings in Toilet	L.S
	Providing & fixing of Wash Basin with all necessary fittings	L.S

	LF-1 Electrical work	
1	Changing & Providing of 16 Amps Double pole switch in kitchen and fixing of screws for the switch plates in the flat	L.S
	MIG - 3	
2	Providing of 16 Amps combined switch and socket & replacing of calling Bell switch Plate and switch + fixing of 1 holder, complete.	L.S

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Carpentry work of LIG

Sl no	Description	Qty
	L F – 1 Carpentry work	
1	Providing & replacing of window broken glasses [10nos]	38 sft
2	Alteration work of Main door, Room door, Kitchen door + Repair work of Toilet door	L.S
3	Servicing of Collapsible gate + fixing of door including Hinges & screws	L.S
4	Removing & Reaffixing of Lappam over the window glass to hold the glass and avoid water seepage , for all the windows	L.S
	L F - 2 Carpentry work	
5	Alteration work of Main door, Room door & Toilet Door(2 Nos half door replacement)	L.S
6	Servicing of Collapsible gate	L.S
7	Removing & Reaffixing of Lappam over the window glass to hold the glass and avoid water seepage , for all the windows	L.S
	L F - 3 Carpentry work	
8	Alteration work of Main door, Room door & Toilet Door	
9	Providing & replacing of window broken glasses [1no]	2 sft
10	Removing & Reaffixing of Lappam over the window glass to hold the glass and avoid water seepage , for all the windows	L.S

Signature

Name of the authorized signatory

Name of the Company

Date

