

**BHARAT HEAVY ELECTRICALS LIMITED  
TIRUCHIRAPPALLI – 14**

**(CIVIL ENGINEERING DEPARTMENT/TOWNSHIP)**

**Name of work :- ENTIRE HOUSEKEEPING WORKS AT KAMARAJAPURAM & NEHRU NAGAR.**

<b>Sl. No.</b>	<b>Qty.</b>	<b>Description of work</b>	<b>Rate(Both in figures &amp; words) Rs. P</b>	<b>Unit</b>	<b>Amount</b>
10	12	Implementation of housekeeping activities in the entire area as marked in the enclosed layout by way of keeping the premises and surroundings clean and free from garbage, loose materials, plastics including de-weeding etc. all as specified below and as per the instructions of Engineer in charge.		MON	
		a) Collection of garbage at the door step of all residents on daily basis (including holidays) from the plastic bins kept by the occupants inside their fencing (at the staircase in case of first floor), transporting the same by tricycles or some other means without spilling en route by covering with net to the identified place within BHEL premises, segregating bio degradable & non bio degradable waste , disposing off bio-degradable waste as indicated elsewhere in this specification and non-biodegradable waste including plastics etc., away from BHEL premises in line with statutory requirement.			
		b) Attending to blockage complaints on all days including holidays in the waste water/sewage disposal system inside and out side residential & non-residential buildings immediately on receipt of complaints from the occupants. Exclusive personnel shall be available to attend to these complaints.			
		c) Upkeeping of all roads, berms, pavements, drains, common areas, surroundings of public buildings (both inside & outside fenced areas) etc. all coming within the layout by sweeping twice in a week except Civil Office Complex, ,Reading Room, Sanitary Office, Kalyanamandapam, Community Hall near Bldg.79, Road from Hostel -II to VIP Guest House. Road from Hand statue to MD Hall, Shopping Centre etc., & its surroundings which are to be swepted daily.			
		d) Surface dressing the berms of roads, inequalities etc. once in a month.			
		e) Desilting the drains once in three months by sectioning the accumulated earth and disposing off the removed earth by leveling the berms as protection to the road edges or to the identified places.			

Sl. No.	Qty.	Description of work	Rate(Both in figures & words) Rs. P	Unit	Amount
		f) Clearing grass, vegetation, weeds etc. once in a month in common areas, open spaces including service lanes, in between blocks, inside the fenced area of vacant Quarters, all roads & drains etc. coming within the layout but outside the fenced area of occupied Quarters & public buildings.			
		g) Removal of cobweb in the staircases of residential Quarters and public buildings once in a month.			
		h) Removal of carcasses and burial as per the direction of the department.			
20	900	Transporting the garbage, horticulture waste etc., collected from houses, dustbins and other places by lorry having a capacity of minimum 300 cft covering with suitable net to avoid spilling during transport and unloading at the earmarked place on the eastern side of SSTP. (Nearly 2 KM from the centre point of Kamarajapuram) Rate also includes topping the dust bins, segregation of bio-degradable & non-bio-degradable waste at respective dust bins itself (disposing of collected non-bio-degradable waste ie. polythene bags etc. away from BHEL premises is the sole responsibility of the contractor), collection, loading, leading, unloading, hire & running charges of lorry, tools required, all labour and all other incidentals etc. complete and as directed by the department. Trip sheet is to be maintained for each load that will be certified by the concerned official & by the security at the gate which will form the basis for making payment. Each load would exit only through the main entrance of Township. Rate to be quoted for one trip of lorry load of 300 cft garbage.(UNIT:TRIP)		EA	
30	200	Conveyance of earth, sand, gravel, rough stone, broken stone, brick bats (debris) etc. beyond 1-2 KM by contractor's own lorry including loading, leading, unloading, stacking or spreading, all as per instructions of Engineer-in-charge. Rate to be quoted for 1 CUM based on Lorry body measurement.		CUM.	

Sl. No.	Qty.	Description of work	Rate(Both in figures & words) Rs.P	Unit	Amount
40		Cleaning and washing the following in quarters and public buildings including the floor area using cleaning powder, soap oil, pine oil, phenol etc as the case may be and providing naphthalene balls etc. The proportion of one liter of pine oil with 250 ml of liquid soap, 100 ml of perfume in 10 liter water is to be maintained. Minimum three naphthalene balls should be put in each urinal & wash basin once in a week. Acid / bleaching powder shall be used to remove stains wherever required. Payment will be made based on the actual work done and on acknowledgement from the occupants for the work done.			
	34700	(a)Water closet (Consumption – 100 ml above mixture per water closet per cleaning) (UNIT:PER CLEANING)		EA	
50	23200	Wash basin (UNIT:PER CLEANING)		EA	
60	14400	Urinal		EA	
		Periodicity for the above:-			
		WATER CLOSET & WASH BASIN - Three times in a week in Type II,III,IV Qrs. and daily in Type V&VI Qrs. and Two times in a day at Schools & at other Public Buildings – all excluding Sundays and holidays.			
		URINAL - Two times in a day at schools and Public Buildings – all excluding Sundays and holidays (UNIT:PER CLEANING)			
70	10	Vacant Quarters of all types. (Sweeping & cleaning the Qrs. inside with water & bleaching powder etc. but excluding cleaning of water closet & wash basin) (UNIT:PER QRS.)		EA	
80	5	Labour charges for cleaning the PVC/RCC overhead water tank in the open terrace of the Quarters. Rate includes taking out the cover slabs, de-watering, brushing, scraping the side walls & floor with cleaning powder, removing the dirt, moss etc. cleaning the tank with fresh water and re-fixing the cover slabs in proper position etc. complete. Required cleaning powder alone will be supplied by BHEL at stores at free of charges.(UNIT;PER TANK)		EA	

Sl. No.	Qty.	Description of work	Rate(Both in figures & words) Rs.P	Unit	Amount
90	100	Supply of good quality Plastic bin of dia 18 cm at bottom & 24 cm at top with a height of 24 cm (approx . Size ) in Green and Red Colours. Rate also includes stenciling the Quarters Number in white paint in the plastic bin. Sample has to be got approved before effecting bulk supply		EA	
100	1000	Labour charges for spraying chemical for mosquito/cockroach control inside & outside of Quarters and public buildings, Open areas, Manhole chambers, Gully traps etc. and also for fogging operation in the entire area. All as directed by the Department. All the required chemical, equipments, machineries etc. will be provided by BHEL at free of charges. The payment will be made based on the duration of the works done on hourly basis supported by log sheet maintained jointly.		H	
110	100000	Cleaning and removing all unwanted things from the terrace of various buildings at an elevated level of 12 to 20 metre from the FFL. Rate includes labour, tools, wire brush, brooms, baskets etc. sweeping and cleaning of all dirt, silt, dust, leaves and other foreign matters etc. without damaging the terrace treatment and thereby collecting all the wastes in bags/baskets, lowering to ground floor without affecting the working environment and dumping the same in the nearby dust bins/earmarked areas/ low-lying areas etc. complete. Payment will be made only for the areas where actually the job was carried out.		SQM	
120	250	Hire charges for engaging earth moving machinery (pockline) to attend to channeling works at river bed, pipe line burst works, cleaning the areas including uprooting thorny plants/heavy jungles/trees etc. of all heights and leveling the areas thereafter including all debris etc., all as per instructions of Engineer-in-charge. Rate includes hire, fuel, operation charges, to and fro charges for machinery, all labour and all other incidentals etc., complete.		H	

Sl. No.	Qty.	Description of work	Rate(Both in figures & words) Rs.P	Unit	Amount
130	35	Dewatering the accumulated effluent completely from the septic tanks by using contractor's vehicle & equipments .Scope includes removing and re-fixing of septic tanks cover slabs& disposal of effluent at the places as specified by Engineer.-in-charge. Rate includes all labour, materials, hire charges for vehicle & equipment etc. complete. Payment will be made for the quantity of effluent disposed off.		CUM	
				Total	

Rupees.....only

**Note:**

- 1. Service tax will be extra if applicable for this contract. Service tax if paid by the contractor with respect to this work will be reimbursed by BHEL on production of documentary evidence for having paid the service tax by the contractor.**
2. The tenderers are advised to visit BHEL Township/site of work and get themselves acquainted with the site conditions, quantum and nature of works before submitting the offer.
3. Area of activities under this contract is shown in the enclosed General layout drawing. Scope also covers the entire road from Hostel II to VIP Guest House, Road from Hand statue to MD Hall, Surroundings of MD Hall, and Community Hall near Bldg.79.
4. Only the following fenced areas are excluded from the scope of work under item No.1 except blockage removal garbage and debris transportation: Coconut Groves, Schools, SBI .Hotel, Security Barracks, Temple complex, and other building as indicated in the layouts.
5. The successful tenderer is required to submit detailed programme matching the above periodicity and as per Annexure before commencing the work so as to maintain clean and garbage free environment at any point of time.
6. All labour, consumables, tools & plants etc. are under the scope of the contractor. Successful tenderer is required to maintain proper logbook for the consumption of materials and submit to the department for its approval. Required chemical & equipments for Item No.100 alone will be given by BHEL at free of charges. Sufficient labour are to be engaged to maintain the periodicity for each & every activity and to maintain clean environment always.
7. Minimum wage as applicable to General Engineering and Fabrication Industry fixed by Govt. of Tamil Nadu is applicable for this contract for payment to all his labourers.

8. Quoted rate is firm till the completion of the contract.
9. Successful tenderer shall ensure their working group wear uniform supplied by the contractor & always carry identity card.
10. The contractor is permitted to convert / process the garbage into vermin compost at his cost and take away the product outside free of charges.
11. Garbage not meant for vermin compost shall have to be regularly transported to the earmarked area as per Item No.02. Non deployment of at least one lorry on any day when required by BHEL will attract a penalty of Rs.500/- per day.
12. The agency shall have to get the acknowledgement once in a month from the occupants for daily collection of garbage in the prescribed format which is a basis for making payment.
13. A recovery of Rs.50/- per trip shall be effected for non-segregation of waste under Item No.02.
14. Following recovery shall be effected for non-compliance of any activity/ periodicity under Item No.01 per month and on pro rata basis. In addition a punitive charges of 12.50 % will also be recovered.
  - a) Garbage collection 15%
  - b) Blockage complaints 5%
  - c) Sweeping roads, berms, pavements, drains, common areas, surroundings of public buildings & shopping centres etc. 27%
  - d) Surface dressing the berms of roads 5%
  - e) De-silting drains 15%
  - f) Grass/weed removal 30%
  - g) Cobweb 2%
  - h) Carcass & burial 1%