

**Annual job contract for factory civil maintenance  
and instrumentation, township civil and electrical  
maintenance 2017-18  
Price bid (PART - B)**

## PRICE BID FORMAT (PART - B)

**Name of the work: Job contract for factory & townships civil maintenance, township electrical maintenance and factory instrumentation  
2017-18.**

SL. No.	Item	Unit	Quantity	Rate	Amount
<b><u>HORTICULTURE MAINTENANCE</u></b>					
1.00	<b>Watering:</b> Sprinkling water over the plants/ grass/ roots of the trees evenly confirming thorough soaking of the soil atleast upto 2" to 4". On every no rainfall day once (before 09:00am) or twice (before 09:00am and after 03:00pm) depending upon the weather and as instructed by the work supervisor.	Manhour	7488.00		
2.00	<b>Weeding:</b> It includes weeding of lawn, border, hedges etc whenever necessary (as specified by Section Incharge) and proper removal and disposal of grass litter to the identified bins including trash and landscape debris, such as sticks, weeds etc.	Manhour	4992.00		
3.00	<b>Mowing:</b> It includes grass mowing, trimming and edging, and maintaining the height of the grass, hedge and border evenly including proper removal and disposal of grass litter to the identified bins including trash and landscape debris, such as sticks, weeds etc.	Manhour	384.00		
4.00	<b>Applying Pesticides:</b> It includes applying pesticides as and when required (as specified by Section Incharge) to control, prevent, destroy, repel or mitigating any pests. As pesticides are hazardous to human health it must be kept and used under expert supervision. The required pesticides will be supplied by BHEL.	Manhour	320.00		
5.00	<b>Propagation of lawn and plants:</b> It includes propagation of lawn grasses and plants, replanting of hedges/ borders. It includes levelling the site soil with spades, hand picking and removing pebble and weeds and planting of grass, cuttings of plants and nourishing. Replanting of hedges and borders and nourishing.	Manhour	768.00		
6.00	<b>Supplying Manure:</b> It includes supplying and applying manure as and when required (as specified by Section Incharge) to the lawn, hedges, borders, plants and trees including digging making the soil loose near the root, mixing manure and spreading evenly.	KG	200.00		
7.00	<b>Trimming:</b> It includes trimming of plants, shrubs, tree branches as per instruction of Section Incharge using proper puning devices like telescopic pruner, tree cutting machine scissors etc. Only experienced tree pruners should be engaged. Including the cost of disposal of trimmed branches and debris to the identified places.	Manhour	480.00		
8.00	<b>Tree Log Cutting:</b> Cutting the logs of fallen tree into small pieces and shifting to the identified places as per instruction of Section Incharge. Only experienced loggers should be engaged for the work.	Each	12.00		
9.00	<b>Tree Cutting:</b> It includes cutting a standing tree and making it fall safely. Cutting the logs of fallen tree into small pieces and shifting to the identified places as per instruction of Section Incharge. Only experienced loggers should be engaged for the work.	Each	12.00		
10.00	<b>Natural Compost:</b> It includes preparation of natural compost using dry leaves and other organic matter collected during sweeping etc. including making the compost pits, watering, shuffling from time to time, covering the compost pit etc. Including providing natural compost to all plants and grassed and borders plants every three months after making loose the root soil etc complete	Manhour	768.00		

<u>Sl. No.</u>	<u>Item</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<b>ROAD AND OTHER OPEN AREA CLEANING</b>					
1.00	<b>ROAD CLEANING:</b> Daily sweeping of roads and footpaths along with pavements, collecting the refuse so generated including ash, muck, animal excreta and dumping it to the identified location. Uprooting grass if any all along the road, road flanks so as to keep the area safe and clean. Cleaning, levelling and dressing the roadside area by removing water logging on the road with proper gradient to make it safe for the road users. Cleaning all the road side weep holes before it gets choked. Muck generated during cleaning to be stacked properly at a specified place. Sweeping work must start by 06:00am in the morning.	Rmt	1031505.00		
2.00	<b>OPEN AREA CLEANING:</b> Daily sweeping of open areas in factory and townships, collecting the refuse so generated including ash, muck, animal excreta and dumping it to the identified location. Muck generated during cleaning to be stacked properly at a specified place. Sweeping work must start by 06:00am in the morning.	sqm	2034600.00		
3.00	<b>STAIRCASE CLEANING:</b> Daily sweeping and mopping of staircases, collecting the refuse so generated including ash, muck, etc and dumping it to the identified location. Wet Floor Caution board should be displayed during mopping until the surface dries. Also including cleaning of cobwebs and other wall and ceiling dust and dirt as and when observed.	sqm	120280.00		
4.00	<b>FLOOR WASH:</b> Washing of roads and other floor using water and/or detergent as per instruction of Section Incharge. Water will be supplied by BHEL and all other items including labour is under the scope of contractor.	sqm	81384.00		
<b>DRAIN CLEANING</b>					
1.00	<b>DRAIN CLEANING:</b> Cleaning of process and storm water drain (both open and covered) including collecting the refuse so generated including ash, clay, muck, and dumping it to the identified location. Contractor has to ensure that no blockage should take place due to chocking of drain. Drain including its edges should be maintained neatly and muck collected from the drain should be moved immediately to the identified places. <b>COLLECTION PIT CLEANING:</b> Collection of ceramic process waste from the collection pits and dumping it to identified locations. Collection should take place before tank gets full. Contractor should make sure that no spillage should take place on the road during shifting of collected clay. The surrounding area near collection pits should be maintained neatly.	Manhour	14400.00		
<b>TOILET AND SANITARY LINE CLEANING</b>					
1.00	Cleaning of <b>BLOCKED SANITARY LINE</b> including collecting the refuse including semi-liquid waste, ash, clay, muck, and dumping it to the identified location. Manhole/ Sanitary chamber including its edges should be maintained neatly and muck collected should be moved immediately to the identified places.	Manhour	450.00		
2.00	<b>WATER CLOSET CLEANING:</b> Cleaning of Water closets (both EWC and IWC) including tiles (both wall and floor) and all other items using toilet cleaning liquid/ detergent with water two times a day. While cleaning, the worker should check the workability all the tap, flushes, faucets etc and if he/she finds any break down or leakage, he should immediately inform to the Section Incharge. Including cleaning of cobwebs, dust, dirt etc as and when observed into the enclosure.	each	27900.00		
3.00	<b>URINALS CLEANING:</b> Cleaning of Urinals including granite partition and tiles (both wall and floor) and all other items using toilet cleaning liquid/ detergent with water two times a day. While cleaning, the worker should check the workability all the tap, flushes, faucets etc and if he/she finds any break down or leakage, he should immediately inform to the Section Incharge. Including cleaning of cobwebs, dust, dirt etc as and when observed into the enclosure.	each	33900.00		

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3.00	<b>WASH BASIN:</b> Cleaning of Wash Basin including granite partition and tiles (both wall and floor) and all other items using toilet cleaning liquid/ detergent with water two times a day. While cleaning, the worker should check the workability all the tap, flushes, faucets etc and if he/she finds any break down or leakage, he should immediately inform to the Section Incharge. Including cleaning of cobwebs, dust, dirt etc as and when observed into the enclosure.	each	18900.00		
4.00	<b>BATHROOM CLEANING:</b> Cleaning of Bathrooms tiles (both wall and floor) and all other items using toilet cleaning liquid/ detergent with water two times a day. While cleaning, the worker should check the workability all the tap, flushes, faucets etc and if he/she finds any break down or leakage, he should immediately inform to the Section Incharge. Including cleaning of cobwebs, dust, dirt etc as and when observed into the enclosure.	each	9900.00		
5.00	<b>COBWEB CLEANING:</b> Cleaning of cobwebs to the office area, shop floor or any other areas including the cost of all materials and labour etc complete.	Manhour	300.00		
6.00	<b>GLASS CLEANING:</b> Cleaning of glass and other partition using colin or equivalent cleaning liquid upto a working height of 8m including the cost of all materials and labour etc complete.	Manhour	300.00		
7.00	<b>ANIMAL CORPUS CLEANING:</b> Cleaning and disposal of corpus of dead animals like rats, cats, dogs, monkeys etc and disinfecting the area by cleaning it with phenol etc including the cost of all materials and labour etc complete.	Each	50.00		
<b><u>MAINTENANCE AND WATER SUPPLY</u></b>					
1.00	<b>Plumber:</b> Operation of pump house including operation of water supply pumps, maintenance of water line, attending and repairing damaged water lines of the entire factory and townships. Including taking water meter reading on daily basis. Updating water supply log book based on water meter readings. Lifting up/down of submersible pumps to the borewells. Including cleaning water tanks. Checking if any abnormal water flow takes place to any particular area and informing to the Section Incharge. Fixing/ dismantling water supply fittings like water pipes, taps, valves etc complete. Adequate number of manpower should be engaged by the contractor depending upon the nature of the job. Contractor has to obtain work permit in the standard format as per requirement before commencement of the work on daily basis.	Manhour	9000.00		
2.00	<b>Masonry works:</b> Minor civil construction, repair and maintenance works which includes earthwork (excavation & filling), dismantling (masonry, concrete, plastering, wood work, steel work, aluminium works), PCC, RCC, bar binding, plastering, brickwork, stonework, concrete block construction, minor tile and granite repair works, fixing available doors, windows and ventilators to the structure, curing, minor centering and shuttering, scaffolding etc complete. Adequate number of manpower should be engaged by the contractor depending upon the nature of the job which at any point of time should not be less than two numbers (one mason and one mason helper). Contractor has to obtain work permit in the standard format as per requirement before commencement of the work on daily basis.	Manhour	4800.00		
3.00	<b>CARPENTRY:</b> Minor civil carpentry repair works in factory and townships like repairing of chairs, tables, and other office furnitures. Minor repair work of doors and windows including repairing of curtains and blinds. Other minor carpentry repair work as per requirement of civil maintenance. Adequate number of manpower should be engaged by the contractor. Contractor has to obtain work permit in the standard format as per requirement before commencement of the work on daily basis.	Manhour	2400.00		

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4.00	<b>WELDER:</b> Minor welding and gas cutting works in factory and townships like repairing and modification of existing structures. Fabrication of structural steel as per requirement of civil maintenance. Welding plant and gas cutting plant will be supplied by BHEL. Adequate number of manpower should be engaged by the contractor depending upon the nature of the job which at any point of time should not be less than two numbers (two welders). Contractor has to obtain work permit as per standard format before commencement of the work on daily basis. All fabrication works will be followed by two coats of enamel paint over one coat of primer by the contractor. Paint will be supplied by BHEL.	Manhour	3200.00		
5.00	<b>ETP OPERATORS:</b> Operation of ETP including preparation of alum solution and controlling its discharge, operation of stirrer, oil skimmer, blunger tank, water pumps, roto pumps, membrane pumps, storage tanks, filterpress. Also includes cleaning of settling tanks, sand filter tanks and surrounding areas. Operation commence at 06:00am in morning and continue upto 06:00pm in the evening.	Manhour	4800.00		
6.00	<b>TOWNSHIP ELECTRICIANS &amp; INSTRUMENTATION:</b> Complete electrical maintenance including Electrical installations, wiring, attending breakdown complaints and resolving it. Adequate number of manpower should be engaged by the contractor depending upon the nature of the job. Contractor has to obtain work permit as per requirement in standard format before commencement of the work on daily basis.	Manhour	4800.00		
7.00	<b>OFFICE ATTENDER:</b> Maintenance of office area including sweeping and mopping floor on daily basis. Dusting of office furniture and other equipments on daily basis. Transfer of files and other documents from one office to other and all other housekeeping activities.	Manhour	12000.00		
8.00	<b>MOSQUITO CONTROL:</b> Spraying of mosquito repellent liquid or fogger inside factory and townships premises as and when required as per instruction of Section Incharge. Contractor has to ensure personal safety of the person spraying repellent/ fogger. Also contractor has to intimate all the occupants of the area where mosquito repellent is getting sprayed. Mosquito repellent will be supplied by BHEL.	Manhour	1200.00		
9.00	<b>FACTORY INSTRUMENTATION:</b> Instrument maintenance, telephone maintenance and providing support for calibration of testing equipments	Manhour	2400.00		
9.00	<b>VIP VISITS &amp; FUNCTIONS:</b> Shifting of materials and making arrangement during VIP visits and other occasions. BHEL will intimate about the number of manpower as and when required.	Manhour	960.00		
10.00	<b>TOWNSHIP CIVIL MAINTENANCE:</b> including Plumbing and Masonary Work, attending complaints of township residents, prioritising and arranging the work accordingly	Manhour	2400.00		
<b>ROOF CLEANING AND REPAIR WORKS AND STEEL FABRICATION</b>					
1.00	<b>REPLACING &amp; REPAIRING ROOF SHEETS:</b> It includes repair and/or replacement of roof sheets and gutters using suitable lifting devices and proper PPEs. Required sheets and gutters will be supplied by BHEL. Contractor has to obtain work permit before commencement of the work on daily basis. Adequate number of manpower should be engaged by the contractor depending upon the nature of the job which at any point of time should not be less than two numbers.	Manhour	800.00		

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2.00	<b>ROOF &amp; GUTTER CLEANING;</b> It includes thorough cleaning of roof gutters after cleaning the adjoining roof, including suitable lifting devices and proper PPEs. The schedule of roof cleaning will be prepared and supplied by BHEL Section Incharge. Adequate number of manpower should be engaged by the contractor depending upon the nature of the job which at any point of time should not be less than two numbers.	Manhour	2400.00		
3.00	Labour charges for fabricating of truss column, purlins, fencing members/gates/doors etc as shown in drawing which will be issued during execution .with available new steel or by collecting from released structural members by welding/ gas cutting and applying two coats of enamel paint over a coat of red oxide including necessary scaffolding tools and plants up to working height of 9.00 mtrs, detailed fabrication drawings to be submitted by contractor before commencement of work	Manhour	1600.00		
Sub - Total =					
Taxes (if any) may be quoted seperately (i)					
(ii)					

(Rupees \_\_\_\_\_ )

Signature of the contractor= \_\_\_\_\_

Name of the contractor = \_\_\_\_\_

Address of the contractor = \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Mobile number of the contractor = \_\_\_\_\_

Email Id of the contractor = \_\_\_\_\_