

**BOQ & PRICE BID FORMAT**

Name of the work: -" Cleaning & House keeping of main plant area, plant building,aux.building & equipments and cleaning & Housekeeping of CHP at ITPS" (OPGC-II), (For 02 years).

**PART (A)- Labours**

Sl. No.	Location	Description of work	Unit	1st Year Qty	2nd Year Qty	Total Qty	Unit Rate	Total Amount
<b>(I) T.G.Building :-</b>								
1	(i) 0.M.floor with cable galleries and Service Bay, Air compressor buildings, Gas rooms. (ii) 3.5M & 5.0M MCC Room with Cable galary rooms. (iii) Elevations 8.5M , 12M & 13.5M , 17.0M , 27M & 32M TG Equipment, Pannel Room, Cable Galary Floor & cable galleries, PRDS floors, Battery charger rooms. (Unskilled)	(i) 1) Sweeping by broom 2) Mopping mechanically 3) Removing cub webs manually & using vaccum cleaner. 4) Disposal of debries (ii) 1) Sweeping by broom 2) Mopping manually 3) Removing cub webs manually & using vaccum cleaner 4) Disposal of debries (iii) 1) Sweeping by broom 2) Mopping manually 3) Removing cub webs manually 4) Disposal of debries	Daily	313	313	626		
2	Control room 17.0 MTR (Unskilled)	1) Sweeping by broom 2) Mopping manually 3) Using scrubber for cleaning the floor 4) Disposal of debries	Daily	313	313	626		
3	HVAC Equipment (24.0M) & Derator floor rooms(25.5M). (Unskilled)	1) Sweeping by broom 2) Mopping manually 3) Using scrubber for cleaning the floor	Daily	313	313	626		
4	All the toilet from 0.00Mtr to 17.00 Mtr (Semi skilled)	1) Cleaning of toilets & urinal pans by hand brush with detergent. 2) Applying disinfectant and providing deodorant to kep the toilets hygienic.	Daily (Thrice / day)	313	313	626		
5	Equipment T.G. & Boiler (Unskilled)	1) Cleaning by cloth , 2) Cleaning by Air pressure	Daily	313	313	626		
<b>(II) Boiler area :-</b>								
1	(i) Boiler zero mtr floor, Adjacent paved area, Road between Mill & ESP floors (From 'C' row to ESP) of Boiler area on higher elevations . (ii) Chimney (iii) All drains at Boiler area, PA Fan area, Mill area, ESP area, ID fan area, AHP area, Transformer area etc. (All the drains in the concrete paved area) (iv) Entire paved area from ESP to Ash handling pump house road, Feeder floor and the area below conveyor . (Unskilled)	(i) 1) Cleaning of ash by water spraying , 2) Cleaning of ash manually at higher elevations. 3) Cleaning of cubwebs and dust manually & using vaccum cleaner. 4) Picking of Garbage and putting them in dust bin, (ii) 1) Cleaning of inside & outside floor, wall and structure inside chimney , 2) Cleaning of stair case upto 45mtrs elevation by sweeping with brooms , cleaning of cubwebs using vaccum cleaner and disposal of debris at designated area . (iii) 1) Cleaning of ash by water spraying 2) Removal of debries & cleaning of drains by belcha/spades and tranporting the same by baskets pans / trolley etc to the deseginated place , 3) Rooting out weeds / grasses from the side wall of drains . (iv) 1) Sweeping coal dust, ash and other debries under conveyor and feeder floor by broom and disposing the same at designated area . 2) Cleaning of ash by water spraying	Daily	313	313	626		
2	i) ESP control rooms/ Hydrogen Cylinder Shed ii) Hydrogen filling plant	1) Sweeping the floors, moping with detergent water, cleaning cubwebs and disposal of debries, Fuel oil unloading area is to be cleaned by water, putty, sand, rubbing, sweeping & cleaning.	Daily	313	313	626		
3	Bottom Ash Trench (Unskilled)	1) Removing ash by belcha & Spades.	Each time	5	5	10		
4	All Toilets in ESP , Fuel oil Pump House, Ash Handling Pump house, 'O' mtr boiler area and other areas , urinals on Feeder floor, urinals in Boiler area, washing of Drinking water points & basins. (semiskilled)	1) Cleaning of toilets & urinals with cleaning agents, applying disinfectant and deodorant & cleaning of urinal pans by hand brush.	Daily (Thrice/ day)	313	313	626		
5	Bunker roof top cleaning (Unskilled)	1) Cleaning of dust, debries, grass etc by belcha, phowarah & broom and disposing the debries to "O'mtr debris yard.	Each time	4	4	8		
6	Fuel Oil Pump House (Unskilled)	1) Sweeping by broom. 2) Mopping manually. 3) Removing cub webs manually & using vaccum cleaner. 4) Cleaning of under ground trench by removing spilled over oil . 5) Deweeding the weeds and grasses at oil tank pit and other area. 6) Sweeping the inside road .	Daily	313	313	626		
7	ESP hopper area of Unit (Unskilled)	1) Dechocking of ESP hopper of both units and cleaning of ash by water spraying , removing algae and over all washing of floor area.	Daily	303	303	606		

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**PART (A)- Labours**

Sl. No.	Location	Description of work	Unit	1st Year Qty	2nd Year Qty	Total Qty	Unit Rate	Total Amount
8	Supply man power of shifting of rejected coal using trolley from mill area to the designated area for dumping as per the direction of EIC.	Supply man power of shifting of rejected coal using trolley from mill area to the designated area for dumping as per the direction of EIC.	Daily	303	303	606		
<b>(III) Ash Handling Pump House &amp; Dry Ash Silos</b>								
1	Floor cleaning, mopping, removing of cub webs, equipment cleaning, Cleaning of ash on drains and peripheral area.(Unskilled)	1) Sweeping by broom 2) Mopping manually 3) Removing cub webs manually & using vaccum cleaner.	Daily	313	313	626		
2	Cleaning during Ash spillage(Unskilled)	1)Removing ash manually & washing the floor.	Each time	4	4	8		
<b>(IV) Water Treatment Plant:</b>								
1	DM Plant Building (Unskilled)	1) Sweeping by broom 2) Mopping manually as well using scrubber 3) Removing cub webs manually & using vaccum cleaner.	Daily	313	313	626		
2	C.W.pump house,BCW pump house,R.W. pump house, workshop building. (Unskilled)	1) Sweeping by broom 2) Mopping manually as well using scrubber 3) Removing cub webs manually & using vaccum cleaner.	Daily	313	313	626		
3	All the toilets in DM plant, C.W.pump House,Raw Water Pump House and Workshop Building, (Semi skilled)	1) Cleaning of toilets & urinal pans by hand brush with detergent. 2) Applying disinfectant and providing deodorant to keep the toilets hygienic.	Daily (Thrice / day)	313	313	626		
4	Cleaning of neutralisation pit (Unskilled)	Cleaning of bottom portion of neutralization pit and disposal of debris at designated place.	Each time	2	2	4		
<b>(V) Operation</b>								
1	DAS rooms,MCC rooms, Halon rooms.(Unskilled)	1) Sweeping by broom and using vaccum cleaner . 2) Mopping manually as well using scrubber 3) Removing cub webs manually & using vaccum cleaner. 4) Cleaning of aluminium and glass section with cleaning liquid .	Daily	313	313	626		
2	Pota cabin area,paved area near CST and peripheral area (Unskilled)	1) Sweeping by broom 2) Mopping manually as well using scrubber 3) Removing cub webs manually. 4) Cleaning of aluminium and glass section with cleaning liquid . 5) Cutting of wild grasses inside & out side of fenced area.	Daily	313	313	626		
3	Switch yard control room & Gate complex, Inside area.(Unskilled)	1) Sweeping by broom & vaccum cleaner. 2) Mopping manually 3) Removing cub webs manually	Daily	313	313	626		
4	All the toilets in porta cabin area,Maintenance shed,Labour Rest shed,Gate complex, Switch Yard control room & DG room.(Unskilled)	1) Cleaning of toilets & urinal pans by hand brush with detergent. 2) Applying disinfectant and providing deodorant to keep the toilets hygienic.	Daily (Thrice / day)	313	313	626		
<b>(VI) Other Areas :</b>								
1	DG building, Pedestals, Labour Rest shed (Unskilled)	1) Sweeping by broom 2) Mopping manually 3) Removing cub webs manually & using vaccum cleaner.	Daily	313	313	626		
2	Front portion of pota cabin area, Car Parking sheds, Two wheeler shed(Unskilled)	1) Sweeping, Removing weeds, Hand picking of Garbage 2) Cutting & cleaning of wild grasses manually .	Thrice weekly	156	156	312		
3	Silo area(Unskilled)	1) Cleaning of accumulated ash deposited on loaded area during loading in vehicle or leakage in silo. 2) Cleaning of Residual leftout dust by water spraying .	Daily	365	365	730		
4	All the toilets in portacabin area	1) Cleaning of toilets & urinal pans by hand brush with detergent. 2) Applying disinfectant and providing deodorant to keep the toilets hygienic.	Daily (Thrice / day)	313	313	626		
5	Transportation of Hydrogen cylinders each 6.5 M <sup>3</sup> capacity.	1)Manally through trolley.	Trip	365	365	730		
6	Cleaning of all the Dust bins & Transportation of Debris including loading & unloading .	1)Loading Manually & transportation by tractor.	Trip	1460	1460	2920		
7	Cleaning of Roof Tops & Chajjas of all buildings.(Unskilled)	1)Removal of debris for smooth discharge of rain water.	Each time	1	1	2		
<b>(VII) Various location of plant</b>								
1	Cutting wild grass,thick bushes,cleaning & removing inside plant area.	1) Grass cutting by machine, 2) Bush cutting by manually.	Sqm.	1100000	1100000	2200000		

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Sl. No.	Location	Description of work	Unit	1st Year Qty	2nd Year Qty	Total Qty	Unit Rate	Total Amount
2	Cleaning of storm water drains including removal of debris, weeds around the plant premises. (Unskilled)	1)Cleaning of strom water drains including removal of debris,weeds etc from drain and disposal of the same away from work site including transpotation by tractor as per the direction of EIC.	Day	52	52	104		
4	Cleaning of oil separator pits, (Unskilled)	1)Removing of Sludge ,ash & earth etc.	Each time	2	2	4		
5	Cleaning of all the over head water tanks (Unskilled)	1)Removing of silt , Algae manually.	Each time	2	2	4		
6	Cleaning of all water coolers(Unskilled).	Manual Cleaning	Each time	10	10	20		
7	Cleaning the sump pits (Unskilled).	Removing of debries/silt etc	Each time	5	5	10		
<b>(VIII)</b>	<b>Deployment of contractor supervisor at different locations</b>							
	(a) Experienced Jr.Engineer ( Civil ,Diploma Holder) for supervising over all cleaning activities.	Supervising the day-to-day Cleaning & Housekeeping works & coodinating overall sefety of all the assigned works.	Daily	313	313	626		
	(b) Experienced supervisor to look after the assigned cleaning jobs at Boiler area,portacabin area,rest shed,maint. Shed, switch yard,TG Building (Skilled)	Supervising the day-to-day Cleaning & Housekeeping works & co-ordinating overall sefety of all the assigned works.	Daily	313	313	626		
	© Experienced supervisor to look after the assigned cleaning jobs at ESP area.	Supervising the day-to-day Cleaning & Housekeeping works & co-ordinating overall sefety of all the assigned works.	Daily	313	313	626		
	(d) Experienced supervisor to look after the assigned cleaning jobs at FWPH building, DM Plant, DG Building,ESP Control room.	Supervising the work & coodinating the overall sefety of all the assigned works.	Daily	313	313	626		
	(e) Experienced supervisor to look after the assigned cleaning jobs at CT, AHP, Silo, R.W, & FOPH, Grass cutting, Road Side Cleraning etc. (Skilled)	Supervising the day-today Cleaning & Housekeeping works & co-ordinating overall sefety of all the assigned works.	Daily	313	313	626		
	(f) Safety officer (Diploma Holder) to look after and responsible for the overall safety of all the works related to cleaning and housekeeping works as per safety rule and guide lines of OPGC.	Supervising & co-ordinating the overall sefety of all the works related to Cleaning & Housekeeping as per the safety rules & guide lines of OPGC.	Daily	313	313	626		
<b>(IX)</b>	Deployment of plumber ( Skilled)	Day to day maintenace of PH & portable water pipe lines in side main plant area.	Daily	313	313	626		
	Helper to assist the plumber in plumbing work(Unskilled)	Assisting the plumber in day-today maintenance work of PH & portable pipe lines inside plant area..	Daily	313	313	626		
<b>(X)</b>	Driver cum Operator for Road Sweeper & Garbage Tipper (High skilled)	The road sweeper & Tata ACE tipper.	Daily	365	365	730		
<b>PART -(A1)- Labours</b>								
<b>(I)</b>	<b>Cleaning &amp; house keeping work at CHP</b>							
1)	Floors of CHP Control room, Stair cases, Cable gallery,Operational staff rooms,MCC room ,Corridor & Periperal area.	Sweeping all area with broom & mopping all the floors with detergent water,cleaning the cub webs manually & using vaccum cleaner,disposal of debries, mopping & cleaning of all furniture,aircondition unit with environment friendly product,cleaning glass & aluminium section with cleaning liquid	Days	365	365	730		
2)	Maintenance building,Staff rooms ,corridor,store rooms,Maintenance building, Labour Rest shed.	Sweeping all area with broom & mopping all the floors with detergent water,cleaning the cub webs manually & using vaccum cleaner,disposal of debries, mopping & cleaning of all furniture,aircondition unit with environment friendly product,cleaning glass & aluminium section with cleaning liquid	Days	313	313	626		
3)	Toilets at CHP	01) Cleaning of toilets & urinal pans by hand brush with detergent 2) Applying disinfectant and providing deodorant to kep the toilets hygienic.	Daily (Thrice/day)	313	313	626		
4)	Track hopper pannel building ,All ventilation rooms,computer room.	Sweeping all area with broom & mopping all the floors with detergent water,cleaning the cub webs manually & using vaccum cleaner,disposal of debries, mopping & cleaning of all furniture,aircondition unit with environment friendly product,cleaning glass & aluminium section with cleaning liquid.	Days	313	313	626		
5)	Cleaning of strom water drains, Transfer Houses and peripheral area,	Removal of coal,debris & cleaning of drains by spades/belchas and transporting the same to designated area as per the direction of EIC.	Days	313	313	626		

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Sl. No.	Location	Description of work	Unit	1st Year Qty	2nd Year Qty	Total Qty	Unit Rate	Total Amount
6)	All roads of CHP	Cleaning of road by sweeper/ manually and water sprinkling as per requirement and as per the direction of EIC.	Days	120	120	240		
7)	Cleaning of over head tanks at control room / Maintenance Building, TRH area & TH	1)Removing of silt , Algae manually	Per time	12	12	24		
8)	a) Transpotation of debries by the tractor having hydrulic trolley including loading and unloading followed by disposal at the designated area as per the direction of EIC.	a) Transpotation of debries by the tractor having hydrulic trolley including loading and unloading followed by disposal at designated area as per the direction of EIC.	Per Trip	4100	4100	8200		
	a) Transpotation of coal by the tractor having hydrulic trolley including loading and unloading followed by disposal at designated area as per the direction of EIC.	a) Transpotation of coal by the tractor having hydrulic trolley including loading and unloading followed by disposal at designated area as per the direction of EIC.	Per Trip	7800	7800	15600		
9)	Cutting & cleaning of wild bushes and grass at various locations of CHP area.	Cutting wild grass,thick bushes,cleaning & removing weeds growths & disposing the debris away from different location of plant ares including labour charges T&Petc complete as per direction of Engg-in-charge	sqm	600000	600000	1200000		
10)	Man power for upkeepment of efficiency &laboratory equipment,carrying samples of coal,oil &ash etc,carrying equipments &accessories etc.	A. Cleaning ,purging,and upkeepment of efficiency equipment& efficiency laboratory. B.Cleaning and purging of equipment before & after them. C. Carrying the samples ( Coal,oil & ash etc.) D. Carrying equipments & accessories to site & back to laboratry.	Days	315	315	630		
(II)	<b>Deployment of contractor supervisor at different locations</b>							
	Experienced supervisor for assigned Cleaning & Housekeeping works.	Supervising the work & coodinating overall sefety of assigned jobs as per the safety rules and guide lines of OPGC.	Daily	313	313	626		
(I)	Supplying & Operating hydraulic Excavator of 1 cum bucket(JCB/CAT/KAMASTU) for excavation,loading of ash,coal from boiler area,mill area,chp area incluing cost of operating staff (Operator,helper etc) lubricanting oil,diesel/petrol & maintenance with other consumables for running the machinery including all the taxes as directed by engineer in charge and when required.	Supplying & Operating hydraulic Excavator of 1 cum bucket(JCB/CAT/KAMASTU) for excavation,loading of ash,coal from boiler area,mill area,chp area incluing cost of operating staff (Operator,helper etc) lubricanting oil,diesel/petrol & maintenance with other consumables for running the machinery including all the taxes as directed by engineer in charge and when required.	Hour	300	300	600		
<b>TOTAL VALUE IN INR (EXCLUDING GST)</b>								
<b>GST SHALL BE EXTRA AT ACTUAL, GSN/SAC CODE ALONG WITH APPLICABLE % TO BE INDICATED</b>								