

BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CTS/RB/18/09

NAME OF WORK : TOWNSHIP SANITATION CONTRACT FOR THE YEAR 2009 & 2010

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RS RATE P	RS AMOUNT P
	01A	SWEEPING OF STAIRCASE DAILY ONCE AND DISPOSING THE COLLECTED RUBBISH, FROM DUST BINS OF HOUSES FOR THE FOLLOWING TYPE OF QUARTERS. THE RATE SHOULD INCLUDE THE COST FOR ALL MATERIALS SUCH AS BROOMSTICKS, BRUSH, ETC. THE RATE SHOULD ALSO TO INCLUDE PERIODICAL REMOVAL OF COBWEB. TYPE 'A' QUARTERS - 156 NOS	12.000	LS/M	45784.45	549413.40
	01B	TYPE 'B' QUARTERS 80 NOS	12.000	LS/M	23479.20	281750.40
	01C	TYPE 'C' QUARTERS 24 NOS	12.000	LS/M	7043.75	84525.00
	01D	ET HOME (INCLUDING STAIR & VERANDAH) 4 NOS	12.000	LS/M	1173.95	14087.40
	02	CLEANING THE SURROUNDING AREA OF QUARTERS TWICE IN A WEEK AND DISPOSING COLLECTED RUBBISH AND ALSO FROM THE DUST BINS. THE APPROXIMATE AREA TO BE CLEANED PER MONTH IS 24214 SQM.	12.000	LS/M	58525.25	702303.00
	03	CLEANING THE SURROUNDING AREA OF PUBLIC BUILDINGS DAILY ONCE AND DISPOSING THE COLLECTED RUBBISH FROM THE DUST BINS. THE APPROXIMATE AREA TO BE CLEANED PER MONTH IS 22235.50 SQM.	12.000	LS/M	20614.70	247376.40
	04	SWEEPING THE FLOORS OF THE PUBLIC BUILDINGS IN TOWNSHIP AND DISPOSING THE COLLECTED RUBBISH FROM DUST BINS ONCE IN A DAY. THE RATE INCLUDES COST OF ALL MATERIALS REQUIRED FOR THE ABOVE WORK AND LABOUR CHARGES. THE SWEPT MATERIALS AND RUBBISH HAVE TO BE DISPOSED IN THE NEAREST RCC DUST BIN/MASONRY DUST BIN AS DIRECTED BY THE ENGINEER-IN-CHARGE OF THE WORK. THE RATE SHOULD ALSO TO INCLUDE PERIODICAL REMOVAL OF COBWEB. THE APPROXIMATE AREA TO BE CLEANED PER MONTH IS 5077.40 SQM.	12.000	LS/M	30092.35	361108.20

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	05	MOPPING THE MOSAIC/MARbled FLOOR AREA DAILY ONCE USING ITEOL DISINFECTANT AS PER THE MIXING RATIO INDICATED IN THE TENDER AND AS PER THE INSTRUCTION OF THE ENGINEER-IN-CHARGE. THE RATE QUOTED SHOULD TO INCLUDE THE COST OF CONSUMABLES/DISINFECTANTS, TOOLS REQUIRED AND LABOUR CHARGES FOR THE WORK. THE APPROXIMATE AREA TO BE CLEANED PER MONTH IS 2571.71 SQM.	12.000	LS/M	21058.15	252697.80
	06A	CLEANING AND WASHING OF WASH HAND BASIN/WATER CLOSETS/URINALS INSIDE THE TOILETS OF THE PUBLIC BUILDING IN TOWNSHIP. THE WASH HAND BASINS/WATER CLOSETS/URINALS SHOULD BE CLEANED ONCE IN A DAY USING ALL NECESSARY CONSUMABLES. THE QUOTED RATE SHOULD TO INCLUDE THE COST OF CONSUMABLES SUCH AS VIM POWDER, PINE OIL AND NAPHTHALENE BALLS, ETC., THE COST OF TOOLS REQUIRED AND LABOUR CHARGES FOR THE WORK. THE MIXING RATIO OF THE CONSUMABLES WILL BE AS PER THE RATIO GIVEN IN THE TENDER. THE CLEANING SHOULD BE CARRIEDOUT AS PER THE INSTRUCTIONS OF THE ENGINEER-IN-CHARGE OF THE WORK. WASH HAND BASINS-90 NOS	12.000	LS/M	9676.00	116112.00
	06B	WATER CLOSETS (BOTH EUROPEAN AND INDIAN TYPE) - 88 NOS	12.000	LS/M	9451.00	113412.00
	06C	URINALS-32 NOS	12.000	LS/M	3375.35	40504.20
	07	SWEEPING AND CLEANING OF THE ROADS IN THE TOWNSHIP AREA TWICE IN A MONTH AS PER THE INSTRUCTIONS OF THE ENGINEER-IN-CHARGE OF THE WORK. THE QUOTED RATE SHOULD BE INCLUSIVE OF COST OF TOOLS REQUIRED AND LABOUR CHARGES FOR THE WORK. THE APPROXIMATE AREA TO BE CLEANED PER MONTH IS 70664.93 SQM.	12.000	LS/M	20614.72	247376.64
	08	REMOVAL OF RUBBISH, COLLECTED IN THE TOWNSHIP AREA AND CARRYING OUT TO THE	9600.000	CUM	88.60	850560.00

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		DISPOSAL POINT. THE RATE TO INCLUDE THE COST OF LABOUR CHARGES FOR COLLECTION, TRANSPORTATION AND DUMPING THE WASTE TO THE DISPOSAL POINT AND AS PER THE INSTRUCTIONS OF THE ENGINEER-IN-CHARGE OF THE WORK. THE WASTES SHOULD BE COLLECTED BY ENGAGING THE LORRY OR TRUCK.				
	09	CLEANING AND WASHING OF GLAZED TILES/MOSAIC TILES AREA IN WALLS/FLOORS OF THE TOILET INSIDE THE TOWNSHIP COMPLEX. THE WALL/FLOOR AREA IS TO BE CLEANED TWICE IN A DAY USING THE CONSUMABLES SUCH AS PINE OIL ETC, AS PER THE MIXING THE RATIO INDICATED IN THE TENDER AND AS PER THE INSTRUCTIONS OF THE ENGINEER-IN-CHARGE OF THE WORK . THE QUOTED RATE SHOULD TO INCLUDE THE COST OF CONSUMABLES/ DISINFECTANTS, THE TOOLS REQUIRED AND THE LABOUR CHARGES FOR THE WORK. THE APPROXIMATE AREA TO BE CLEANED PER MONTH IS 1093.37 SQM.	12.000	LS/M	22502.35	270028.20
	10	CLEANING THE ROAD SIDE DRAINS AS PER THE INSTRUCTIONS OF ENGINEER-IN-CHARGE. THE RATE TO INCLUDE THE COST OF REMOVAL OF DUST AND ALL OTHER MATERIALS FROM THE DRAINS. THE RATE TO INCLUDE THE COST OF LABOUR AND OTHER MATERIALS REQUIRED FOR THE WORK. THE WASTES COLLECTED TO BE DISPOSED TO THE DISPOSAL POINT AS DIRECTED BY THE ENGINEER-IN-CHARGE OF THE WORK. THE APPROXIMATE LENGTH OF ROAD TO BE CLEANED PER EVENT IS 14263.80M.	12.000	LS/E	49047.60	588571.20
	11A	SPRAYING OF INSECTICIDE (CHEMICAL) SOLFAC 050 EW TO CONTROL THE GROWTH OF MOSQUITOES, FLIES AS PER THE INSTRUCTION OF ENGINEER-IN-CHARGE OF THE WORK. THE SPRAYING HAS TO BE DONE INSIDE THE HOUSES OBSERVING ALL SAFETY PRECAUTIONS. THE RATE TO INCLUDE THE COST OF REQUIRED MATERIALS, CHEMICAL,	6.000	LS/E	39948.70	239692.20

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		SPRAYERS, LABOUR AND OTHER SAFETY EQUIPMENT REQUIRED FOR THE WORK. THE APPLICATION TECHNIQUES, DILUTION RATE, APPLICATION RATE AND METHOD OF APPLICATION ETC. HAVE TO BE FOLLOWED STRICTLY AS PER THE MANUFACTURE'S RECOMMENDATIONS. THE DILUTION RATE IS 15 ML PER LITRE OF WATER. APPROXIMATE QUANTITY OF CHEMICAL REQUIRED PER EVENT FOR ALL TYPE OF QUARTERS AND PUBLIC BUILDINGS IS 12.5 LITRES. IN TYPE 'A' QUARTERS & 624 NOS				
	11B	IN TYPE 'B' QUARTERS & 320 NOS	6.000	LS/E	20324.75	121948.50
	11C	IN TYPE 'C' QUARTERS & 96 NOS	6.000	LS/E	6307.70	37846.20
	11D	IN TYPE 'D' QUARTERS - 16 NOS	6.000	LS/E	700.85	4205.10
	11E	ET HOME AREA & 32 NOS	6.000	LS/E	2102.55	12615.30
	11F	IN PUBLIC BUILDINGS AREA - 20 NOS	6.000	LS/E	700.85	4205.10
	12	SPRAYING OF INSECTICIDES (CHEMICAL) KINGFOG 1.25 ULV TO CONTROL THE GROWTH OF MOSQUITOES, FLIES IN OPEN SPACES LIKE PARKS, LANES, ROADS, ETC. AS PER THE INSTRUCTIONS OF ENGINEER-IN-CHARGE OF THE WORK. THE SPRAYING HAS TO BE DONE OUTSIDE THE HOUSES OBSERVING ALL SAFETY PRECAUTIONS. THE RATE TO INCLUDE THE COST OF REQUIRED MATERIALS, CHEMICAL, SPRAYERS, LABOURS AND OTHER SAFETY EQUIPMENT REQUIRED FOR THE WORK. THE APPLICATION TECHNIQUES, DILUTION RATE, APPLICATION RATE AND METHOD OF APPLICATION ETC. HAVE TO BE FOLLOWED STRICTLY AS PER THE MANUFACTURER'S RECOMMENDATIONS. THE DILUTION RATIO FOR CHEMICAL AND DIESEL/KEROSENE IS 1:199. (THE APPROXIMATE AREA TO BE COVERED IS 16 HECTARES PER EVENT). THE APPROXIMATE QUANTITY OF CHEMICAL REQUIRED PER EVENT IS 1.67 LITRES AND THE DIESEL	12.000	LS/E	8480.85	101770.20

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		REQUIRED WILL BE ISSUED AT FREE OF COST AT BHEL STORES.				
	13	CLEANING OF KALYANAMANDAPAM INCLUDING SWEEPING, MOPPING, TOILET CLEANING, WASHING OF DINING HALLS, CLEANING OF TABLES, COBWEB REMOVAL, CLEANING OF SURROUNDING AREA, CLEANING OF KITCHEN (ASH REMOVAL AND WASHING) WINDOW GLASS PANES, ETC CLEANING AND OTHER CLEANING WORKS.	72.000	LS/E	1930.30	138981.60
	14A	CATCHING OF STRAY ANIMALS SUCH AS DOG, MONKEY AND SNAKES. DOG	150.000	EACH	150.00	22500.00
	14B	MONKEY	50.000	EACH	350.00	17500.00
	14C	SNAKE	100.000	EACH	60.00	6000.00
	14D	HONEY NEST	25.000	EACH	125.00	3125.00
	15	DISPOSING OF DEAD ANIMAL BODIES	100.000	EACH	55.00	5500.00

5435715.04

ESCALATION @ %

0.00

TOTAL ESTIMATED VALUE

5435715.04

CONTRACTOR TENDER PERCENTAGE @ ABOVE / BELOW / AT PAR _____%

(Percentage in words)

SERVICE TAX @ %

TOTAL VALUE OF WORK

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