

# **T E N D E R   S P E C I F I C A T I O N**

**NO: BHE/PW/PUR/PWHQ-R&M FLATS/1456**

**RENOVATION OF BHEL STAFF QUARTERS  
AT NAGPUR,  
MAHARASTRA, INDIA.**

**VOLUME:II – PRICE BID SPECIFICATIN-  
1456**



**BHARAT HEAVY ELECTRICALS LIMITED**

**(A GOVERNMENT OF INDIA UNDERTAKING)**

**POWER SECTOR - WESTERN REGION**

**SHREEMOHINI COMPLEX**

**345, KINGSWAY - NAGPUR 440 001**

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**RENOVATION OF BHEL STAFF QUARTERS  
AT NAGPUR,  
MAHARASTRA, INDIA.**

EARNEST MONEY DEPOSIT: Please see Notice Inviting Tender.

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TENDER SUBMISSION:

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For Bharat Heavy Electricals Limited

AGM (Purchase)

Place: Nagpur

Date:

**BHEL PS WR NAGPUR**  
**TS NO : BHE/PW/PUR/PWHQ-R FLATS/1456**  
**VOLUME-II- PRICE BID (Schedule of Rates and Quantities)**

<b>Part A :RENOVATION OF BHEL STAFF QUARTERS/OFFICE AT NAGPUR, MAHARASHTRA (CIVIL WORK)</b>						
<b>S.NO</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE in Figure (In Rs)</b>	<b>RATE IN WORDS (In Rs)</b>	<b>AMOUNT (In Rs)</b>
<b>QUARTER NO : 5, Vandana Apartment, Ravinagar</b>						
1	PROVIDING AND FIXING OF FOLLOWING TYPE OF GLASS WHEREVER REQUIRED AS PER DIRECTION OF ENGINEER IN-CHARGE. AT ALL ELEVATIONS AND LEVELS.	NOS	2			
2	REPAIRING AND RE-FIXING OF EXISTING DOOR WHEREVER REQUIRED INCLUDING COST OF LABOUR, CARPENTER, MINOR REPLACEMENT OF DAMAGED WOOD, ALL MATERIALS LIKE WOOD, FITTING & FIXTURE, ETC. COMPLETE. AS PER DIRECTION OF ENGINEER IN-CHARGE. AT ALL ELEVATIONS AND LEVELS. DISPOSAL OF UNSERVICABLE MATERIALS WITHIN THE LEAD OF 50M.	Nos	1			
3	REPLACEMENT OF WASTE PIPE,OUTLET PIPE,WASTE COUPLING AND ALL ACCESORIES LINKED WITH DRAINAGE OF WASH BASIN WITH NEW ONE RATES IS INCLUSIVE OF PROPER ALIGNMENT AND FIXING OF WASH BASIN.RATES ARE INCLUSIVE OF SUPPLY OF MATERIAL	Nos	2			
4	PROVIDING & APPLYING TWO OR MORE COATS OF OIL BOUND DISTEMPER (OBD) ON NEWLY PAINTED/OLD PAINTED SURFACE WITH APPROVED SHADE TO OBTAIN EVEN FINISH AND UNIFORM COLOR FOR INTERNAL SURFACE WHEREVER REQUIRED INCLUDING COST OF LABOUR, PAINT, PIGMENTS, SURFACE PREPARATION BY SCRUBBING WITH WIRE BRUSH AND APPLYING PRIMER COAT WITH CEMENT PRIMER UNIFORMLY BEFORE APPLYING OF OBD, SCAFFOLDING ETC. COMPLETE. REPAIRING OF CRACKED/DAMAGED SURFACE WITH 1:4 CEMENT MORTAR BEFORE APPLYING OF PRIMER COAT. AS DIRECTED BY BHEL ENGINEER IN-CHARGE AT ALL ELEVATIONS AND LEVELS.	SQM	300			
5	PROVIDING & APPLYING TWO OR MORE COATS OF OIL PAINT ON NEW/OLD PAINTED SURFACE OF APPROVED SHADE TO OBTAIN EVEN FINISH AND UNIFORM COLOR FOR WOODEN DOORS (BOTH SIDE), CUPBOARD & SHOWCASE ETC. INCLUDING COST OF LABOUR, PAINT, PIGMENTS, SURFACE PREPARATION BY SCRUBBING AND APPLYING PRIMER COAT/WOOD FILLER COAT UNIFORMLY BEFORE APPLYING OF OIL PAINT ,POLISHING WITH WAX POLISH ETC.COMPLETE AS DIRECTED BY BHEL ENGINEER IN-CHARGE AT ALL ELEVATIONS AND LEVELS.	sqm	20			
				<b>SUB TOTAL (RS.)</b>		
<b>QUARTER NO : 7, Vandana Apartment, Ravinagar</b>						
<b>S.NO</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE (Rs.)</b>	<b>AMOUNT (In Rs.)</b>	
1	PROVIDING AND FIXING OF FOLLOWING TYPE OF GLASS WHEREVER REQUIRED AS PER DIRECTION OF ENGINEER IN-CHARGE. AT ALL ELEVATIONS AND LEVELS.	NOS	2			
2	REPAIRING AND RE-FIXING OF EXISTING DOOR WHEREVER REQUIRED INCLUDING COST OF LABOUR, CARPENTER, MINOR REPLACEMENT OF DAMAGED WOOD, ALL MATERIALS LIKE WOOD, FITTING & FIXTURE, ETC. COMPLETE. AS PER DIRECTION OF ENGINEER IN-CHARGE. AT ALL ELEVATIONS AND LEVELS. DISPOSAL OF UNSERVICABLE MATERIALS WITHIN THE LEAD OF 50M.	Nos	1			
3	REPLACEMENT OF WASTE PIPE,OUTLET PIPE,WASTE COUPLING AND ALL ACCESORIES LINKED WITH DRAINAGE OF WASH BASIN WITH NEW ONE RATES IS INCLUSIVE OF PROPER ALIGNMENT AND FIXING OF WASH BASIN.RATES ARE INCLUSIVE OF SUPPLY OF MATERIAL	Nos	2			
4	PROVIDING & APPLYING TWO OR MORE COATS OF OIL BOUND DISTEMPER (OBD) ON NEWLY PAINTED/OLD PAINTED SURFACE WITH APPROVED SHADE TO OBTAIN EVEN FINISH AND UNIFORM COLOR FOR INTERNAL SURFACE WHEREVER REQUIRED INCLUDING COST OF LABOUR, PAINT, PIGMENTS, SURFACE PREPARATION BY SCRUBBING WITH WIRE BRUSH AND APPLYING PRIMER COAT WITH CEMENT PRIMER UNIFORMLY BEFORE APPLYING OF OBD, SCAFFOLDING ETC. COMPLETE. REPAIRING OF CRACKED/DAMAGED SURFACE WITH 1:4 CEMENT MORTAR BEFORE APPLYING OF PRIMER COAT. AS DIRECTED BY BHEL ENGINEER IN-CHARGE AT ALL ELEVATIONS AND LEVELS.	SQM	300			

**BHEL PS WR NAGPUR**  
**TS NO : BHE/PW/PUR/PWHQ-R FLATS/1456**  
**VOLUME-II- PRICE BID (Schedule of Rates and Quantities)**

<b>Part A :RENOVATION OF BHEL STAFF QUARTERS/OFFICE AT NAGPUR, MAHARASHTRA (CIVIL WORK)</b>						
<b>S.NO</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE in Figure (In Rs)</b>	<b>RATE IN WORDS (In Rs)</b>	<b>AMOUNT (In Rs)</b>
5	PROVIDING & APPLYING TWO OR MORE COATS OF OIL PAINT ON NEW/OLD PAINTED SURFACE OF APPROVED SHADE TO OBTAIN EVEN FINISH AND UNIFORM COLOR FOR WOODEN DOORS (BOTH SIDE), CUPBOARD & SHOWCASE ETC. INCLUDING COST OF LABOUR, PAINT, PIGMENTS, SURFACE PREPARATION BY SCRUBBING AND APPLYING PRIMER COAT/WOOD FILLER COAT UNIFORMLY BEFORE APPLYING OF OIL PAINT ,POLISHING WITH WAX POLISH ETC.COMPLETE AS DIRECTED BY BHEL ENGINEER IN-CHARGE AT ALL ELEVATIONS AND LEVELS.	sqm	20			
				<b>SUB TOTAL (RS.)</b>		
<b>QUARTER NO : 8, Vandana Apartment, Ravinagar</b>						
<b>S.NO</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE (Rs.)</b>	<b>AMOUNT (In Rs.)</b>	
1	PROVIDING AND FIXING OF FOLLOWING TYPE OF GLASS WHEREVER REQUIRED AS PER DIRECTION OF ENGINEER IN-CHARGE. AT ALL ELEVATIONS AND LEVELS.	NOS	2			
2	REPAIRING AND RE-FIXING OF EXISTING DOOR WHEREVER REQUIRED INCLUDING COST OF LABOUR, CARPENTER, MINOR REPLACEMENT OF DAMAGED WOOD, ALL MATERIALS LIKE WOOD, FITTING & FIXTURE, ETC. COMPLETE. AS PER DIRECTION OF ENGINEER IN-CHARGE. AT ALL ELEVATIONS AND LEVELS. DISPOSAL OF UNSERVICABLE MATERIALS WITHIN THE LEAD OF 50M	Nos	1			
3	REPLACEMENT OF WASTE PIPE,OUTLET PIPE,WASTE COUPLING AND ALL ACCESORIES LINKED WITH DRAINAGE OF WASH BASIN WITH NEW ONE RATES IS INCLUSIVE OF PROPER ALIGNMENT AND FIXING OF WASH BASIN.RATES ARE INCLUSIVE OF SUPPLY OF MATERIAL	Nos	2			
4	PROVIDING & APPLYING TWO OR MORE COATS OF OIL BOUND DISTEMPER (OBD) ON NEWLY PAINTED/OLD PAINTED SURFACE WITH APPROVED SHADE TO OBTAIN EVEN FINISH AND UNIFORM COLOR FOR INTERNAL SURFACE WHEREVER REQUIRED INCLUDING COST OF LABOUR, PAINT, PIGMENTS, SURFACE PREPARATION BY SCRUBBING WITH WIRE BRUSH AND APPLYING PRIMER COAT WITH CEMENT PRIMER UNIFORMLY BEFORE APPLYING OF OBD, SCAFFOLDING ETC. COMPLETE. REPAIRING OF CRACKED/DAMAGED SURFACE WITH 1:4 CEMENT MORTAR BEFORE APPLYING OF PRIMER COAT. AS DIRECTED BY BHEL ENGINEER IN-CHARGE AT ALL ELEVATIONS AND LEVELS.	SQM	300			
5	PROVIDING & APPLYING TWO OR MORE COATS OF OIL PAINT ON NEW/OLD PAINTED SURFACE OF APPROVED SHADE TO OBTAIN EVEN FINISH AND UNIFORM COLOR FOR WOODEN DOORS (BOTH SIDE), CUPBOARD & SHOWCASE ETC. INCLUDING COST OF LABOUR, PAINT, PIGMENTS, SURFACE PREPARATION BY SCRUBBING AND APPLYING PRIMER COAT/WOOD FILLER COAT UNIFORMLY BEFORE APPLYING OF OIL PAINT ,POLISHING WITH WAX POLISH ETC.COMPLETE AS DIRECTED BY BHEL ENGINEER IN-CHARGE AT ALL ELEVATIONS AND LEVELS.	sqm	20			
				<b>SUB TOTAL (RS.)</b>		
<b>QUARTER NO : A-401, Asha-Laxmi Apartment, Ravinagar</b>						
<b>S.NO</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE (Rs.)</b>	<b>AMOUNT (In Rs.)</b>	
1	SUPPLYING AND FIXING OF WHITE CERAMIC TILES OF REQUIRED SIZES LAID OVER THE BED OF CM - 1:4 (1 CEMENT & 4 COARSE SAND) USING OPC GRADE 43/53 . FLOOR IN TOILET & BATHROOM ROOM INCLUDING PEREPARATION OF BASE LAYING UNDERBED, FINISHING AND ROUNDING CORNERS AND JUNCTIONS, CURING ETC. COMPLETE AS PER DRAWINGS AND SPECIFICATIONS.	SQM	1			
2	PROVIDING AND FIXING OF FOLLOWING TYPE OF GLASS WHEREVER REQUIRED AS PER DIRECTION OF ENGINEER IN-CHARGE. AT ALL ELEVATIONS AND LEVELS.	NOS	2			
3	Raipairing of ceiling fans, including all labours, accessories	Nos	2			

**BHEL PS WR NAGPUR**  
**TS NO : BHE/PW/PUR/PWHQ-R FLATS/1456**  
**VOLUME-II- PRICE BID (Schedule of Rates and Quantities)**

<b>Part A :RENOVATION OF BHEL STAFF QUARTERS/OFFICE AT NAGPUR, MAHARASHTRA (CIVIL WORK)</b>						
<b>S.NO</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE in Figure (In Rs)</b>	<b>RATE IN WORDS (In Rs)</b>	<b>AMOUNT (In Rs)</b>
4	REPAIRING AND RE-FIXING OF EXISTING DOOR WHEREVER REQUIRED INCLUDING COST OF LABOUR, CARPENTER, MINOR REPLACEMENT OF DAMAGED WOOD, ALL MATERIALS LIKE WOOD, FITTING & FIXTURE, ETC. COMPLETE. AS PER DIRECTION OF ENGINEER IN-CHARGE. AT ALL ELEVATIONS AND LEVELS. DISPOSAL OF UNSERVICABLE MATERIALS WITHIN THE LEAD OF 50M.	Nos	5			
5	PROVIDING AND FIXING OF CP PILLER/BIB COCK OF BRASS/GUN METAL WHEREVER REQUIRED INCLUDING REPLACEMENT OF EXISTING ITEMS, ALL FITTING, FIXTURE AND TESTING ETC. COMPLETE. AS PER DIRECTION OF ENGINEER IN-CHARGE. AT ALL ELEVATIONS AND LEVELS.	NOS	7			
6	PROVIDING AND FIXING OF PVC , SWR PIPE AND NANI TRAP AFTER REPLACING DAMANGED EXISTING ONE.	NOS	2			
7	PROVIDING AND FIXING OF CURTAIN ROD AFTER REPLACING EXTING ONE	NOS	6			
8	Repalcing/Providing & fixing in position P.V.C. water tank of Syntex or approved equivalent including making all necessary inlet & outlet pipes, fixture, ball cocks, valves etc all complete for following capacities.	NOS	1			
9	Replacing of old socket/switch board with new socket/switch board including all labours, accessories	NOS	6			
				<b>SUB TOTAL (RS.)</b>		
<b>QUARTER NO : L-401, Asha-Laxmi Apartment, Ravinagar</b>						
<b>S.NO</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE (Rs.)</b>	<b>AMOUNT (In Rs.)</b>	
1	PROVIDING AND FIXING OF REQUIRED SIZE STAINLESS STEEL SINK INCLUDING ALL FITTING, FIXTURE, MAKING GOOD SURFACE OF FLOORS WITH 1:2:4 CEMENT CONCRETE AND TESTING ETC. COMPLETE. AS PER DIRECTION OF ENGINEER IN-CHARGE. AT ALL ELEVATIONS AND LEVELS.	NO	1			
2	PROVIDING AND FIXING 18MM THICK BEST QUALITY SINGLE PIECE KOTA STONE KADDAPA SLAB OF REQUIRED SHAPE AND COLOUR FOR FIXING SS SINK FOR KITCHEN COUNTER OF PANTRY BLOCK .CUT OUT FOR SINK SHALL BE MADE AS PER THE DIMENSION.COST INCLUSIVE OF MAKING OPENING, POLISHING CUT PICES/DROP/FACIA AND REQUIRED FINISHING COMPLETE. RATE INCLUSIVE OF DISMANTLING OF EXISTING KADAPA SLAB.	SQM	14			
3	REPAIRING AND RE-FIXING OF EXISTING DOOR WHEREVER REQUIRED INCLUDING COST OF LABOUR, CARPENTER, MINOR REPLACEMENT OF DAMAGED WOOD, ALL MATERIALS LIKE WOOD, FITTING & FIXTURE, ETC. COMPLETE. AS PER DIRECTION OF ENGINEER IN-CHARGE. AT ALL ELEVATIONS AND LEVELS. DISPOSAL OF UNSERVICABLE MATERIALS WITHIN THE LEAD OF 50M.	Nos	2			
4	SUPPLYING AND FIXING OF WHITE CERAMIC TILES OF REQUIRED SIZES LAID OVER THE BED OF CM - 1:4 (1 CEMENT & 4 COARSE SAND) USING OPC GRADE 43/53 . FLOOR IN TOILET & BATHROOM ROOM INCLUDING PEREPARATION OF BASE LAYING UNDERBED, FINISHING AND ROUNDING CORNERS AND JUNCTIONS, CURING ETC. COMPLETE AS PER DRAWINGS AND SPECIFICATIONS.	SQM	7			
5	PROVIDING & APPLYING TWO OR MORE COATS OF OIL BOUND DISTEMPER (OBD) ON NEWLY PAINTED/OLD PAINTED SURFACE WITH APPROVED SHADE TO OBTAIN EVEN FINISH AND UNIFORM COLOR FOR INTERNAL SURFACE WHEREVER REQUIRED INCLUDING COST OF LABOUR, PAINT, PIGMENTS, SURFACE PREPARATION BY SCRUBBING WITH WIRE BRUSH AND APPLYING PRIMER COAT WITH CEMENT PRIMER UNIFORMLY BEFORE APPLYING OF OBD, SCAFFOLDING ETC. COMPLETE. REPARING OF CRACKED/DAMAGED SURFACE WITH 1:4 CEMENT MORTAR BEFORE APPLYING OF PRIMER COAT. AS DIRECTED BY BHEL ENGINEER IN-CHARGE AT ALL ELEVATIONS AND LEVELS.	SQM	310			

**BHEL PS WR NAGPUR**  
**TS NO : BHE/PW/PUR/PWHQ-R FLATS/1456**  
**VOLUME-II- PRICE BID (Schedule of Rates and Quantities)**

<b>Part A :RENOVATION OF BHEL STAFF QUARTERS/OFFICE AT NAGPUR, MAHARASHTRA (CIVIL WORK)</b>						
<b>S.NO</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE in Figure (In Rs)</b>	<b>RATE IN WORDS (In Rs)</b>	<b>AMOUNT (In Rs)</b>
6	PROVIDING & APPLYING TWO OR MORE COATS OF OIL PAINT ON NEW/OLD PAINTED SURFACE OF APPROVED SHADE TO OBTAIN EVEN FINISH AND UNIFORM COLOR FOR WOODEN DOORS (BOTH SIDE), CUPBOARD & SHOWCASE ETC. INCLUDING COST OF LABOUR, PAINT, PIGMENTS, SURFACE PREPARATION BY SCRUBBING AND APPLYING PRIMER COAT/WOOD FILLER COAT UNIFORMLY BEFORE APPLYING OF OIL PAINT ,POLISHING WITH WAX POLISH ETC.COMPLETE AS	sqm	40			
7	PROVIDING AND FIXING OF FOLLOWING TYPE OF GLASS WHEREVER REQUIRED AS PER DIRECTION OF ENGINEER IN-CHARGE. AT ALL ELEVATIONS AND LEVELS.	NOS	1			
				<b>SUB TOTAL (RS.)</b>		
<b>QUARTER NO : A-502, Asha-Laxmi Apartment, Ravinagar</b>						
<b>S.NO</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE (Rs.)</b>	<b>AMOUNT (In Rs.)</b>	
1	Raipairing of ceiling fans, including all labours, accessories	Nos	2			
2	PROVIDING AND FIXING OF FOLLOWING TYPE OF GLASS WHEREVER REQUIRED AS PER DIRECTION OF ENGINEER IN-CHARGE. AT ALL ELEVATIONS AND LEVELS.	NOS	2			
3	REPAIRING AND RE-FIXING OF EXISTING DOOR WHEREVER REQUIRED INCLUDING COST OF LABOUR, CARPENTER, MINOR REPLACEMENT OF DAMAGED WOOD, ALL MATERIALS LIKE WOOD, FITTING & FIXTURE, ETC. COMPLETE. AS PER DIRECTION OF ENGINEER IN-CHARGE. AT ALL ELEVATIONS AND LEVELS. DISPOSAL OF UNSERVICABLE MATERIALS WITHIN THE LEAD OF 50M.	Nos	2			
4	REPLACEMENT OF WASTE PIPE,OUTLET PIPE,WASTE COUPLING AND ALL ACCESIORIES LINKED WITH DRAINAGE OF WASH BASIN WITH NEW ONE RATES IS INCLUSIVE OF PROPER ALIGNMENT AND FIXING OF WASH BASIN.RATES ARE INCLUSIVE OF SUPPLY OF MATERIAL	Nos	6			
5	PROVIDING & APPLYING TWO OR MORE COATS OF OIL BOUND DISTEMPER (OBD) ON NEWLY PAINTED/OLD PAINTED SURFACE WITH APPROVED SHADE TO OBTAIN EVEN FINISH AND UNIFORM COLOR FOR INTERNAL SURFACE WHEREVER REQUIRED INCLUDING COST OF LABOUR, PAINT, PIGMENTS, SURFACE PREPARATION BY SCRUBBING WITH WIRE BRUSH AND APPLYING PRIMER COAT WITH CEMENT PRIMER UNIFORMLY BEFORE APPLYING OF OBD, SCAFFOLDING ETC. COMPLETE. REPAIRING OF CRACKED/DAMAGED SURFACE WITH 1:4 CEMENT MORTAR BEFORE APPLYING OF PRIMER COAT. AS DIRECTED BY BHEL ENGINEER IN-CHARGE AT ALL ELEVATIONS AND LEVELS.	SQM	230			
6	PROVIDING & APPLYING TWO OR MORE COATS OF OIL PAINT ON NEW/OLD PAINTED SURFACE OF APPROVED SHADE TO OBTAIN EVEN FINISH AND UNIFORM COLOR FOR WOODEN DOORS (BOTH SIDE), CUPBOARD & SHOWCASE ETC. INCLUDING COST OF LABOUR, PAINT, PIGMENTS, SURFACE PREPARATION BY SCRUBBING AND APPLYING PRIMER COAT/WOOD FILLER COAT UNIFORMLY BEFORE APPLYING OF OIL PAINT ,POLISHING WITH WAX POLISH ETC.COMPLETE AS DIRECTED BY BHEL ENGINEER IN-CHARGE AT ALL ELEVATIONS AND LEVELS.	sqm	50			
				<b>SUB TOTAL (RS.)</b>		
<b>QUARTER NO : A-402, Asha-Laxmi Apartment, Ravinagar</b>						
<b>S.NO</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE (Rs.)</b>	<b>AMOUNT (In Rs.)</b>	
1	PROVIDING AND FIXING OF FOLLOWING TYPE OF GLASS WHEREVER REQUIRED AS PER DIRECTION OF ENGINEER IN-CHARGE. AT ALL ELEVATIONS AND LEVELS.	NOS	2			
2	REPAIRING AND RE-FIXING OF EXISTING DOOR WHEREVER REQUIRED INCLUDING COST OF LABOUR, CARPENTER, MINOR REPLACEMENT OF DAMAGED WOOD, ALL MATERIALS LIKE WOOD, FITTING & FIXTURE, ETC. COMPLETE. AS PER DIRECTION OF ENGINEER IN-CHARGE. AT ALL ELEVATIONS AND LEVELS. DISPOSAL OF UNSERVICABLE MATERIALS WITHIN THE LEAD OF 50M	Nos	2			
3	REPLACEMENT OF WASTE PIPE,OUTLET PIPE,WASTE COUPLING AND ALL ACCESIORIES LINKED WITH DRAINAGE OF WASH BASIN WITH NEW ONE RATES IS INCLUSIVE OF PROPER ALIGNMENT AND FIXING OF WASH BASIN.RATES ARE INCLUSIVE OF SUPPLY OF MATERIAL	Nos	2			

**BHEL PS WR NAGPUR**  
**TS NO : BHE/PW/PUR/PWHQ-R FLATS/1456**  
**VOLUME-II- PRICE BID (Schedule of Rates and Quantities)**

<b>Part A :RENOVATION OF BHEL STAFF QUARTERS/OFFICE AT NAGPUR, MAHARASHTRA (CIVIL WORK)</b>						
<b>S.NO</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE in Figure (In Rs)</b>	<b>RATE IN WORDS (In Rs)</b>	<b>AMOUNT (In Rs)</b>
4	PROVIDING & APPLYING TWO OR MORE COATS OF OIL PAINT ON NEW/OLD PAINTED SURFACE OF APPROVED SHADE TO OBTAIN EVEN FINISH AND UNIFORM COLOR FOR WOODEN DOORS (BOTH SIDE), CUPBOARD & SHOWCASE ETC. INCLUDING COST OF LABOUR, PAINT, PIGMENTS, SURFACE PREPARATION BY SCRUBBING AND APPLYING PRIMER COAT/WOOD FILLER COAT UNIFORMLY BEFORE APPLYING OF OIL PAINT ,POLISHING WITH WAX POLISH ETC.COMPLETE AS DIRECTED BY BHEL ENGINEER IN-CHARGE AT ALL ELEVATIONS AND LEVELS.	sqm	50			
				<b>SUB TOTAL (RS.)</b>		
<b>QUARTER NO : SIX/ONE, TRIMURTI NAGAR</b>						
<b>S.NO</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE (Rs.)</b>	<b>AMOUNT (In Rs.)</b>	
1	PROVIDING AND FIXING OF REQUIRED SIZE STAINLESS STEEL SINK INCLUDING ALL FITTING, FIXTURE, MAKING GOOD SURFACE OF FLOORS WITH 1:2:4 CEMENT CONCRETE AND TESTING ETC. COMPLETE. AS PER DIRECTION OF ENGINEER IN-CHARGE. AT ALL ELEVATIONS AND LEVELS.RATE INCLUSIVE OF DISMANTLING OLDER SINK.	NO	1			
2	PROVIDING AND FIXING 18MM THICK BEST QUALITY SINGLE PIECE KOTA STONE KADDAPA SLAB OF REQUIRED SHAPE AND COLOUR FOR FIXING SS SINK FOR KITCHEN COUNTER OF PANTRY BLOCK .CUT OUT FOR SINK SHALL BE MADE AS PER THE DIMENSION.COST INCLUSIVE OF MAKING OPENING, POLISHING CUT PICES/DROP/FACIA AND REQUIRED FINISHING COMPLETE. RATE INCLUSIVE OF DISMANTLING OF EXISTING KADAPA SLAB.	SQM	1			
3	DISMANTLING OF WORN OUT WOODEN COUNTERS OF SHOWCASE MAKING IT GOOD FOR CONSTRUCTION AND REPLACING IT WITH NEW WOODEN COUNTER ,FIXING GLASES WHEREVER REQUIRED ,PAINTING ,ETC ALL COMPLETE AS PER ENGINEER INCHARGE DIRECTION	sqm	2			
4	REPAIRING AND RE-FIXING OF EXISTING DOOR WHEREVER REQUIRED INCLUDING COST OF LABOUR, CARPENTER, MINOR REPLACEMENT OF DAMAGED WOOD, ALL MATERIALS LIKE WOOD, FITTING & FIXTURE, ETC. COMPLETE. AS PER DIRECTION OF ENGINEER IN-CHARGE. AT ALL ELEVATIONS AND LEVELS. DISPOSAL OF UNSERVICABLE MATERIALS WITHIN THE LEAD OF 50M.	Nos	6			
5	CLEANING OF CHAZZAS/SLAB,REPAIR OF DAMAGED PORTION BY CEMENT MORTAR,MAKING DESIRED SLOPE & APPLYING TWO COAT OF CEMENTATIOUS WATER PROOFING COMPOUND .	SQM	3			
6	PROVIDING EXHAUSTIVE ANTITERMITE TREATMENT BY DRILLING 6MM DIAMETER HOLES A DISTANCE OF 30 CM CENTRE TO CENTRE, AT DOWNWARD ANGLE OF 45 DEGREE AT JUNCTION OF WOOD WORK (DOOR FRAME/PANNEL, SHOWCASE & CUPBOARD ETC) AND MASONRY AND IN BETWEEN, AS INSTRUCTED BY ENGINEER, AS PER REQUIREMENT, AT THE RATE OF 75 ML PER SQM. OF CHLORODANE OF 58 PERCENT EMULSION CONCENTRATE AND FILLING WITH PUTTY, ETC. WITH TWO YEARS GUARANTEE BOND AS PER I.S. – 6313 (PART III) OF 1971.	SQM	50			
7	REPAIR OF BALCONY INCLUDES DISMANTLING OF WORN OUT PART CLEANING IT AND APPLYING CEMENT SLURRY AND THEN CEMENT MORTAR AND APPLYING PLASTER AT REPAIR SIDE TO MAKE IT GOOD FOR PAINTING	SQM	6			
8	REPLACEMENT OF WASTE PIPE,OUTLET PIPE,WASTE COUPLING AND ALL ACCESIORIES LINKED WITH DRAINAGE OF WASH BASIN WITH NEW ONE RATES IS INCLUSIVE OF PROPER ALIGNMENT AND FIXING OF WASH BASIN.RATES ARE INCLUSIVE OF SUPPLY OF MATERIAL	Nos	1			
9	SUPPLYING AND FIXING OF WHITE CERAMIC TILES OF REQUIRED SIZES LAID OVER THE BED OF CM - 1:4 (1 CEMENT & 4 COARSE SAND) USING OPC GRADE 43/53 . FLOOR IN TOILET & BATHROOM ROOM INCLUDING PEREPARATION OF BASE LAYING UNDERBED, FINISHING AND ROUNDING CORNERS AND JUNCTIONS, CURING ETC. COMPLETE AS PER DRAWINGS AND SPECIFICATIONS.	SQM	10			

**BHEL PS WR NAGPUR**  
**TS NO : BHE/PW/PUR/PWHQ-R FLATS/1456**  
**VOLUME-II- PRICE BID (Schedule of Rates and Quantities)**

<b>Part A :RENOVATION OF BHEL STAFF QUARTERS/OFFICE AT NAGPUR, MAHARASHTRA (CIVIL WORK)</b>						
S.NO	DESCRIPTION	UNIT	QTY	RATE in Figure (In Rs)	RATE IN WORDS (In Rs)	AMOUNT (In Rs)
10	PROVIDING & APPLYING TWO OR MORE COATS OF OIL BOUND DISTEMPER (OBD) ON NEWLY PAINTED/OLD PAINTED SURFACE WITH APPROVED SHADE TO OBTAIN EVEN FINISH AND UNIFORM COLOR FOR INTERNAL SURFACE WHEREVER REQUIRED INCLUDING COST OF LABOUR, PAINT, PIGMENTS, SURFACE PREPARATION BY SCRUBBING WITH WIRE BRUSH AND APPLYING PRIMER COAT WITH CEMENT PRIMER UNIFORMLY BEFORE APPLYING OF OBD, SCAFFOLDING ETC. COMPLETE. REPAIRING OF CRACKED/DAMAGED SURFACE WITH 1:4 CEMENT MORTAR BEFORE APPLYING OF PRIMER COAT. AS DIRECTED BY BHEL ENGINEER IN-CHARGE AT ALL ELEVATIONS AND LEVELS.	SQM	246			
11	PROVIDING & APPLYING TWO OR MORE COATS OF OIL PAINT ON NEW/OLD PAINTED SURFACE OF APPROVED SHADE TO OBTAIN EVEN FINISH AND UNIFORM COLOR FOR WOODEN DOORS (BOTH SIDE), CUPBOARD & SHOWCASE ETC. INCLUDING COST OF LABOUR, PAINT, PIGMENTS, SURFACE PREPARATION BY SCRUBBING AND APPLYING PRIMER COAT/WOOD FILLER COAT UNIFORMLY BEFORE APPLYING OF OIL PAINT ,POLISHING WITH WAX POLISH ETC.COMPLETE AS DIRECTED BY BHEL ENGINEER IN-CHARGE AT ALL ELEVATIONS AND LEVELS.	sqm	67			
12	PROVIDING AND FIXING OF CURTAIN ROD AFTER REPLACING EXTING ONE	NOS	10			
<b>TOTAL OF ALL QUARTERS (PART A) In Rs</b>						
<b>Part B - for Electrification work of BHEL Staffs Quarters at Trimurty Nagar in Nagpur</b>						
SL.NO	DESCRIPTION OF WORK	UNIT	QTY.	Rate		
1	PROVIDING AND INSTALLING WIRING USING FOLLOWING SQ.MM COPPER CONDUCTOR (POLYCAP WIRE OR APPROVED EQUIVALANT.) WITH CONCEALED PVC CONDUIT. RATE INCLUSIVE OF PVC CONDUIT OF REQUIRED SIZE, MODULER SWITCHES (OF 6A/16A CAPACITY ) AND SOCKETS (OF 6A/16A CAPACITY ) , MODULAR SWITCH BOARDS / BOXES , TESTING COMMISSIONING UPTO 4 METER ETC (INCLUDING DISMANTLING AND DISPOSAL OF EXISTING WIRING SYSTEM)COMPLETE					
A	WIRING USING 1.5 SQ.MM	POINT	25			
B	WIRING USING 2.5 SQ.MM	POINT	12			
C	WIRING USING 4.0 SQ.MM	POINT	5			
D	WIRING USING 6.0 SQ.MM	POINT	2			
2	PROVIDING AND INSTALLING WIRING MORE THAN PER POINT USING FOLLOWING SQ.MM COPPER CONDUCTOR (POLYCAP WIRE OR APPROVED EQUIVALANT.) WITH CONCEALED PVC CONDUIT. RATE INCLUSIVE OF PVC CONDUIT OF REQUIRED SIZE, TESTING (INCLUDING DISMANTLING AND DISPOSAL OF EXISTING WIRING SYSTEM)COMMISSIONING ETC COMPLETE					
A	WIRING USING 1.5 SQ.MM	RM	40			
B	WIRING USING 2.5 SQ.MM	RM	40			
C	WIRING USING 4.0 SQ.MM	RM	40			
D	WIRING USING 6.0 SQ.MM	RM	25			
3	PROVIDING AND INSTALLING POWER CABLE SINGLE CORE 6.0 SQMM OF COPPER CONDUCTOR(POLY CAP WIRE OR APPROVED EQUIVALENT) FROM JB NEAR STAIRCASE TO DP-16 NOS WITH CONCEALED PVC CONDUIT.RATE INCLUSIVE OF PVC CONDUIT OF REQUIRED SIZE ,TESTING COMMISSIONING ETC COMPLETE.	RM	25			
4	PROVIDING AND FIXING FOLLOWING ELECRITICAL FITTINGS . THE PRODUCT SHOULD BE FROM STANDARD MANUFACTURER LIKE PHILIPS/BAJAJ/USHA/HAVELLS OR APPROVED EQUIVALENT AS APPROVED BY BHEL.					
A	ECO STAR 36 WATTS	No.	4			
C	CFL 18 WATTS	No.	2			
5	PROVIDING AND INSTALLING EARTHING WIRING USING 1.5 SQ.MM COPPER CONDUCTOR (POLYCAP WIRE OR APPROVED EQUIVALANT.) WITH CONCEALED PVC CONDUIT. RATE INCLUSIVE OF PVC CONDUIT OF REQUIRED SIZE, ACCESSORIES, FIXTURES, TESING AND COMMISSIONING ETC.	RM	100			
6	PROVIDING, FIXING AND COMMISSIONING "DING-DONG BELL" WITH ALL FITTING & FIOXTURE OF STANDARD MANUFACTURER LIKE ANCHOR OR APPROVED EQUIVALENT AS APPROVED BY BHEL.	No.	1			

**BHEL PS WR NAGPUR**  
**TS NO : BHE/PW/PUR/PWHQ-R FLATS/1456**  
**VOLUME-II- PRICE BID (Schedule of Rates and Quantities)**

<b>Part A :RENOVATION OF BHEL STAFF QUARTERS/OFFICE AT NAGPUR, MAHARASHTRA (CIVIL WORK)</b>						
<b>S.NO</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE in Figure (In Rs)</b>	<b>RATE IN WORDS (In Rs)</b>	<b>AMOUNT (In Rs)</b>
7	PROVIDING, FIXING AND COMMISSIONING <b>ELCB</b> OF 32AMPS. (HAVELLS/MDS MAKE) AT PLACES WHRERVER REQUIRED ETC COMPLETE AS PER THE INSTRUCTION OF BHEL ENGINEER.	No.	1			
8	PROVIDING, FIXING AND COMMISSIONING <b>MCB</b> OF 25AMPS. (HAVELLS/MDS MAKE) AT PLACES WHRERVER REQUIRED ETC COMPLETE AS PER THE INSTRUCTION OF BHEL ENGINEER.	No.	1			
9	PROVIDING, FIXING AND COMMISSIONING <b>MCB</b> OF 10AMPS. (HAVELLS/MDS MAKE) AT PLACES WHRERVER REQUIRED ETC COMPLETE AS PER THE INSTRUCTION OF BHEL ENGINEER.	No.	4			
10	PROVIDING FIXING AND COMMISSIONING DP MAIN SWITCH (havells/mds) AT PLACES WHEREVER REQUIRED ETC COMPLETE AS PER THE INSTRUCTION OF BHEL ENGINEER.	No	1			
11	PROVIDING ,FIXING AND COMMISSIONING MCB & DB BOXEX (Havells/Mds Make) at places wherever required etc complete as perthe instruction of Bhel ENGINEER.(FOR SPMCB & 2 WAY DB BOX)	No	1			
12	PROVIDING ,FIXING AND COMMISSIONING KIT KAT 32 AMPS AT PLACES WHEREVER REQUIRED ETC COMPLETE AS PER THE INSTRUCTION OF BHEL ENGINEER.	No	1			
<b>TOTAL VALUE FOR ELECTRIFICATION of PART B IN RS.</b>						
<b>Grand TOTAL VALUE OF PART A+PART-B IN Rs.</b>						
Grand TOTAL VALUE OF PART A+PART-B IN WORDS RS.....						