

BHEL: PS WR
TS NO : BHE/PW/PUR/WR-CTOI/753
PRICE BID- VOL-II

RATE SCHEDULE

| BHEL PSWR NAGPUR | | | | | | |
|---|---|-------------|-----------------|-------------------------------|-----------------------|---------------|
| PART A - RENOVATION WORK OF REST ROOM (TOILET BLOCK) AT BHEL PSWR H.Q. NAGPUR. | | | | | | |
| SL. NO. | DESCRIPTION | UNIT | QUANTITY | RATE(IN FIG) IN RS | RATE(IN WORDS) | AMOUNT |
| 1 | PROVIDING AND FIXING 24 MM THICK BEST QUALITY PVC DOORS OF SINTEX MAKE OR APPROVED EQUIVALENT FOR TOILETS INCLUDING PVC FRAME OF SIZE 48MM X 40MM, ALL FITTINGS, FIXTURES, FRAMES, HOLDFAST ETC. COMPLETE AS PER SPECIFICATIONS AND INSTRUCTION OF BHEL ENGINEER. | Sqm. | 18 | | | |
| 2 | SUPPLY, MANUFACTURE AND FIXING IN POSITION ANODIZED POWDER COATED ALUMINUM LOUVERED VENTILATORS INCLUDING FRAMES AND GLAZED WITH 4MM PLAIN GLASS AS PER STANDARD SPECIFICATIONS AND INSTRUCTIONS OF BHEL ENGINEER. THE COST SHALL BE INCLUSIVE OF ALL ACCESSORIES FITTINGS, HOLD FASTS ETC. ALL COMPLETE AS PER SPECIFICATIONS AND INSTRUCTION OF BHEL ENGINEER.THE VENTILATOR SHALL BE FIXED OVER THE TOILET DOOR. | Sqm. | 6 | | | |
| 3 | PROVIDING AND FIXING EUROPEAN TYPE FLOOR MOUNTED CONCEALED WATER CLOSET OF PARRYWARE MAKE OR APPROVED EQUIVALENT WITH WHITE GLAZED STONE WARE BASIN WITH PLASTIC SEATS & COVER AND LOW LEVEL PVC CISTERN OF 6 LITRE DISCHARGE CAPACITY INCLUDING VALVELESS FITTINGS, FLUSH BENDS, SUPPLY CONNECTIONS, SYPHON , INTEGRAL CONCEALED 'S' OR 'P' TRAP ETC.ALL COMPLETE AS PER SPECIFICATIONS AND INSTRUCTION OF BHEL ENGINEER. | NO | 6 | | | |
| 4(A) | SUPPLYING AND FIXING OF APPROVED COLOUR GLAZED EARTHENWARE URINAL BASIN OF MODEL NO:8097 OF PARRYWARE MAKE OR APPROVED EQUIVELALNT WITH INTEGRATED SENSOR AND JOINING WITH WATER INCOMING LINE ETC. ALL COMPLETE AS PER SPECIFICATIONS AND INSTRUCTION OF BHEL ENGINEER. | No. | 7 | | | |
| 4(B) | SUPPLYING AND FIXING OF APPROVED COLOUR FLOOR MOUNTED SQUATTING TYPE GLAZED EARTHENWARE URINAL BASIN OF MODEL NO: 0573 OF PARRYWARE MAKE OR APPROVED EQUIVELALNT WITH SENSOR OF MODEL NO: 8132 OF PARRYWARE MAKE OR APPROVED EQUIVELALNT AND JOINING WITH WATER INCOMING LINE ETC. ALL COMPLETE AS PER SPECIFICATIONS AND INSTRUCTION OF BHEL ENGINEER. | No. | 2 | | | |
| 4(C) | SUPPLYING AND FIXING OF APPROVED COLOUR, CEREMIC URINAL PARTITION WALL/DIVISION PLATE OF MODEL NO: 0571 OF PARRYWARE MAKE OR APPROVED EQUIVELALNT INCLUDING ALL FITTINGS ETC. ALL COMPLETE AS PER SPECIFICATIONS AND INSTRUCTION OF BHEL ENGINEER. | NO | 6 | | | |
| 5 | SUPPLYING AND FIXING IN POSITION OF HIGH CLASS BELGIUM OR SUPERIOR MAKE BEVELLED EDGE MIRROR OF SIZE 600MM X 450MM X 6MM MOUNTED ON 6MM THICK PLYWOOD OR PLASTIC FOLDER SHEET. RATE TO INCLUDE COST OF ALL MATERIALS, LABOUR FOR FIXING THE WOODEN PLUGS WITH CP BRASS SCREWS AND WASHERS ETC. ALL COMPLETE AS PER SPECIFICATIONS AND INSTRUCTION OF BHEL ENGINEER. | NO | 6 | | | |
| 6 | PROVIDING & FIXING CHROME PLATED SOAP DISH OF MODEL NO : 1131N OF JAGUAR MAKE OR APPROVED EQUIVELALNT AT ALL THE WASH BASIN LOCATION. AS PER SPECIFICATIONS AND INSTRUCTION OF BHEL ENGINEER. | NO | 6 | | | |
| 7 | PROVIDING & FIXING CHROME PLATED PAPER HOLDER OF MODEL NO : 1151N OF JAGUAR MAKE OR APPROVED EQUIVELALNT AT ALL THE WASH BASIN LOCATION AS PER SPECIFICATIONS AND INSTRUCTION OF BHEL ENGINEER. | NO | 6 | | | |

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|---------|--|------|----------|-----------------------|----------------|--------|
| 8(A) | PROVIDING AND FIXING 2' TOWEL RODS OF MODEL NO : 1111N OF JAGUAR MAKE OR APPROVED EQUIVELALNT IN TOILET BLOCKS. AS PER SPECIFICATIONS AND INSTRUCTION OF BHEL ENGINEER. | NO. | 6 | | | |
| 8(B) | PROVIDING AND FIXING DOUBLE HOOK OF MODEL NO : 1161N OF JAGUAR MAKE OR APPROVED EQUIVELALNT IN TOILET BLOCKS. AS PER SPECIFICATIONS AND INSTRUCTION OF BHEL ENGINEER. | NO. | 6 | | | |
| 9(A) | PROVIDING AND LAYING MIN. 18 MM THICK BEST QUALITY GRANITE FLOORING OF REQUIRED COLOUR (SAMPLE TO BE APPROVED BY BHEL) . RATE INCLUSIVE OF LAYING OVER 15-20MM THICK 1:4 MORTER BED , MIRROR POLISHING AND CUT PICES AS PER REQUIREMENT /DROP/FACIA COMPLETE AS PER STANDARD PRACTICE AND SPECIFICATION AND INSTRUCTION OF BHEL ENGINEER. | Sqm. | 65 | | | |
| 9(B) | PROVIDING ANG MAKING EDGE MOULDING AND NOSING TO 18MM THICK GRANITE STONE SLAB, COUNTERS,VANITIES AND WHEREVER REQUIRED.INCLUDING POLISHING TO EDGE TO GIVE HIGH GLOSS FINISH ETC . COMPLETE AS PER DESIGN APPROVED BY BHEL ENGINEER | Rmt | 20 | | | |
| 10 | PROVIDING AND LAYING MIN. 5MM THICK CERAMIC COLOURED TILES OF REQUIRED SIZE FROM REPUTED MANUFACTURER LIKE KAJARIA /SPARTEX/ NITCO OR EQUIVALENT AS PER STANDARD PRACTICE AND SPECIFICATION AND INSTRUCTION OF BHEL ENGINEER. | | | | | |
| | A) FOR WALLS - 300MM X 300MM OR 300X 150 MM | Sqm. | 350 | | | |
| | B) WALL BORDER OF APPROVED COLOUR OF SIZE 12" X 4". | Sqm. | 30 | | | |
| 11 | PROVIDING & FIXING HEAVY DUTY DOUBLE BALL BEARING EXHAUST FAN OF SIZE 12" OF CROMPTON/BAJAJ OR EQUIVELANT APPROVED MAKE IN TOILET, PANTRY ETC. | No. | 6 | | | |
| 12 | SUPPLYING AND FIXING IN POSITION OF HAND JET (HAND SHOWER) OF MODEL NO : 573 OF JAGUAR MAKE OR APPROVED EQUIVELALNT . TUBE CONNECTED WITH WATER LINE AND SWIVEL WALL HOOK . RATE TO INCLUDE COST OF JOINTING MATERIALS, LABOUR FOR CARRYING AND FIXING ETC. COMPLETE. | Nos. | 6 | | | |
| 13 | SUPPLYING AT SITE OF WORK AND FIXING IN POSITION OF TWO WAY BIB COCK OF MODEL NO : 041 OF JAGUAR MAKE OR APPROVED EQUIVELALNT . AS PER STANDARD SPECIFICATIONS. RATE TO INCLUDE COST OF JOINTING MATERIALS, LABOUR FOR CARRYING AND FIXING ETC. COMPLETE. | No. | 6 | | | |
| 14 | SUPPLYING AND FIXING APPROVED COLOUR VITREOUS COUNTER TOP CHINA OVEL SHAPE WASH BASIN OF MODEL NO : 0412 OF PARRYWARE MAKE OR APPROVED EQUIVELALNT QUALITY ON GRANITE TOP PLATFORM WITH STAINLESS STEEL BRACKETS, 32MM CP BRASS WASTE COUPLING OF STANDARD PATTERN, 32MM DIA CP BRASS BOTTLE TRAP AND UNIONS, 32MM DIA PVC WASTE PIPE COMPLETE INCLUDING CUTTING AND MAKING GOOD THE WALLS WHEREVER REQUIRED. RATE TO INCLUDE COST OF ALL MATERIALS, LABOUR FOR CARRYING, LAYING AND FIXING AND ALL OTHER INCIDENTAL CHARGES ETC. COMPLETE. | No. | 6 | | | |

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| 15 | SUPPLYING AND FIXING IN POSITION SENSOR TAP (PILLAR COCK) OF MODEL NO : 51027 OF JAGUAR MAKE OR APPROVED EQUIVELALNT RATE TO INCLUDE COST OF JOINTING MATERIALS, LABOUR FOR CARRYING AND FIXING ETC. COMPLETE. | No. | 6 | | | |
| 16 | PROVIDING & FIXING HAND DRIER OF CERA MAKE STANDARAD MAKE AS APPROVED BY BHEL IN TOILETS, ETC. | No. | 6 | | | |
| 17 | PROVIDING AND FIXING 18MM THICK BEST QUALITY SINGLE PIECE GRANITE SLAB OF REQUIRED SHAPE AND COLOUR FOR FIXING OVEL SHAPE HAND WASH BASIN.CUT OUT FOR HAND WASH BASIN SHALL BE MADE AS PER THE DIMENSION.COST INCLUSIVE OF MAKING OPENING , POLISHINGCUT PICES/DROP/FACIA AND REQUIRED FINISHING COMPLETE. | Sqm. | 6 | | | |
| 18 | DISMANTLING OF OLD/EXISTING SANITARY FITTINGS, TILES, GRANITE STONE OVER THE FLOORS, WALLS, OLD DOORS, VENTILATORS & OTHER FITTINGS (INCLUDING ELECTRICAL) AND SHIFTING THE MATERIALS TO THE DESIRED LOCATION WITHIN 1-3 KM (OR ON THE BUILDING TERRACE) AS PER INSTRUCTION OF BHEL FOR THE FOLLOWING TENTATIVE QUANTITY : NO OF TOILET BLOCKS - 6 (SIX). EACH TOILET BLOCK HAVING ONE LAVATORY, ONE WASH BASIN, URINALS SET OF 2 URINALS, TWO WOODEN DOORS, 1 VENTILATOR. APPROX. , GRANITE ON FLOORS & CEREMIC TILES ON WALLS UP TO CEILING, ELECTRICAL FITTINGS. TOTAL FLOOR AREA OF TOILET BLOCK 75M2. RATE SHALL BE INCLUSIVE OF MAKING THE DISMANTLED SURFACE/EDGES GOOD AFTER FIXING OF DOORS, VENTILATORS ETC. | L.S. | 1 | | | |
| 19 | PROVIDING & APPLYING 2 OR MORE COATS OF WHITE OIL BOUND DISTEMPER (OBD) ON THE CEILING OF TOILET BLOCK OVER THE OLD PAINTED SURFACE INCLUDING CLEANING & SURFACE PREPARATION WITH PUTTY , COLOUR PIGMENT AS REQUIRED. | Sqm. | 75 | | | |
| 20 | SUPPLYING & FIXING GI PIPES INCLUDING ALL FITTINGS LIKE ELBOWS, TEES, UNIONS , FINISHING THE DENMAGED SURFACE TO GOOD CONDITION ETC. FOR THE FOLLOWING: | | | | | |
| A | 1" (25MM) DIA. GI PIPES | Rmt | 30 | | | |
| B | 3/4" (20MM) DIA GI PIPES | Rmt | 15 | | | |
| C | 1/2" (15MM) DIA GI PIPES | Rmt | 30 | | | |
| 21 | PROVIDING AND FIXING PVC WALL PANELLING OF REQUIRED COLOUR AND TEXTURE OF SYNTAX MAKE OVER WALL . WORK SHALL INCLUDE ALUMINIUM FRAMING,ALL NECESSARY ACCESSORIES , MAKING CUT OUT FOR SWITCH BOARDS , WINDOWS ETC COMPLEATE (To be provided in ED's, GM's and conference hall etc) | Sqm. | 175 | | | |
| | TOTAL COST OF PART - A | | | | | |

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|--|--|-----------|----------|-----------------------|----------------|--------|
| PART B - ELECTRIFICATION WORK OF REST ROOM (TOILET BLOCK) AT BHEL PSWR H.Q. NAGPUR. | | | | | | |
| SL. NO. | DESCRIPTION | UNIT | QUANTITY | RATE(IN FIG) IN RS | RATE(IN WORDS) | AMOUNT |
| 1 | PROVIDING AND INSTALLING WIRING USING 2.5 SQ.MM COPPER CONDUCTOR WITH CONCEALED PVC CONDUIT .RATE INCLUSIVE OF PVC CONDUIT OF REQUIRED SIZE , ACCESSORIES , FIXTURES ,TESING AND COMMISSIONING ETC | PER POINT | 36.00 | | | |
| 2 | PROVIDING AND INSTALLING WIRING USING 4.0 SQ.MM COPPER CONDUCTOR WITH CONCEALED PVC CONDUIT .RATE INCLUSIVE OF PVC CONDUIT OF REQUIRED SIZE , ACCESSORIES , FIXTURES ,TESING AND COMMISSIONING ETC. | PER POINT | 6.00 | | | |
| 3 | PROVIDING AND INSTALLING WIRING FOR MAINS USING 6.00 SQ.MM COPPER CONDUCTOR WITH CONCEALED PVC CONDUIT .RATE INCLUSIVE OF PVC CONDUIT OF REQUIRED SIZE , ACCESSORIES , FIXTURES ,TESING AND COMMISSIONING ETC. | PER POINT | 6.00 | | | |
| 4 | PROVIDING AND INSTALLING WIRING FOR MAINS USING 16.00 SQ.MM COPPER CONDUCTOR WITH CONCEALED PVC CONDUIT .RATE INCLUSIVE OF PVC CONDUIT OF REQUIRED SIZE , ACCESSORIES , FIXTURES ,TESING AND COMMISSIONING ETC. | PER POINT | 16.00 | | | |
| 5 | POVIDING AND INSTALLATION OF MODULAR TYPE PLUG POINT OF 5A SOCKET (ANCHOR OR APPROVED EQUIVALANT.) OUTLET INCLUDING WIRING TERMINATION WHRERVER REQUIRED IN PVC CONDUIT OF REQUIRED SIZE ETC. | NO | 8.00 | | | |
| 6 | POVIDING AND INSTALLATION OF MODULAR TYPE PLUG POINT OF 15A SOCKET (ANCHOR OR APPROVED EQUIVALANT) OUTLET INCLUDING WIRING TERMINATION WHRERVER REQUIRED IN PVC CONDUIT OF REQUIRED SIZE ETC. | NO | 8.00 | | | |
| 7 | PROVIDING AND FIXING MODULAR TYPE COVERED TUBELIGHT WITH FRAME OF STANDARD MANUFACTURER LIKE PHILIPS/BAJAJ OR APPROVED EQUIVALENT AS APPROVED BY BHEL. | NO. | 25.00 | | | |
| 8 | PROVIDING ,FIXING AND COMMISSIONING 18 WATT CFL WITH HOLDER OF STANDARD MANUFACTURER LIKE PHILIPS/BAJAJ OR APPROVED EQUIVALENT AS APPROVED BY BHEL. | NO. | 20.00 | | | |
| 10 | PROVIDING ,FIXING AND COMMISSIONING METAL CLAD PLUG AND MCB OF 30AMPS. (CROMPTON/MDS MAKE) AT PLACES WHRERVER REQUIRED ETC COMPLETE AS PER THE INSTRUCTION OF BHEL ENGINEER. | NO. | 4.00 | | | |
| | TOTAL COST OF PART - B | | | | | |
| | TOTAL COST OF PART A & B | | | | | |
| | TOTAL OF PART-A & PART-B IN WORDS (RS) | | | | | |