



MADHYA PRADESH POLLUTION CONTROL BOARD
Paryavaran Parisar E-5, Arera Colony, Bhopal – 462016
Phone (0755) 2466 191/ 2464 428 Fax : (0755) 2463 742 E mail mppcb@rediffmail.com web www.mppcb.nic.in

Tender Notice

NO. MPPCB/MAINT./Tech/Sec/01/2018-2019

TENDER DOCUMENT

FOR

**Renovation work for microbiology Lab
at MPPCB, Bhopal**

Year: 2018 - 19

M. P. Pollution Control Board
E-5 Sector, Paryawaran Parisar,
Arera Colony, Bhopal – 462016

PBX : +91(0755) 2464428 / 2466191
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No. / HOPCB/Maint/2018

Bhopal, Dated

NOTICE INVITING TENDER

TENDER NOTICE NO. MPPCB/Maint/Tech/Sec/01/2018-19

Sealed Tenders are invited from reputed / registered Contractor for Renovation work for Microbiology Lab at MPPCB, Bhopal of Estimated cost of Rs. **9,00,000.(Nine Lacs)** The sealed tenders shall be received till **19/09/2018** up to 13:00 Hrs and shall be opened on the same day at 15:00 Hrs. For further details please refer web site at www.mppccb.nic.in


Executive Engineer
(Maintenance)



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NOTICE INVITING TENDER

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Sealed tenders in two bid system i.e. envelop "A" (Technical Bid) and Envelop "B" (Price Bid) are invited from registered contractors for the following works:

BRIEF DESCRIPTION OF WORK	ESTIMATED COST (Rs.)	EARNEST MONEY (Rs.)	TIME OF COMPLETION
Renovation work for Microbiology Lab at MPPCB, Bhopal, work such as aluminum partition, false ceiling, platform work ,Electrical work etc.	9,00,000/- (Nine Lacs)	45,000/-	3 Months

Tender documents can be obtained from Maintenance section of MPPCB, E -5 Arera Colony Paryavaran Parisar, Bhopal -16 on or before **18 /09 /2018 till 03 PM** on payment of Rs 2500.00 (Non refundable) towards cost of tender document. The earnest Money of requisite amount shall be submitted in a separate sealed envelope mentioning the details thereof. No tender shall be considered without requisite earnest money. The last date for submission of tender is **19 /09/2018 by 1.00 PM** and the same shall be opened on the same day at 3.00 PM in the presence of bidders, who wish to participate. The detailed terms & conditions are available in tender document and can be seen on Board's Web site www.mppcb.nic.in


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GENERAL CONDITIONS

1. Sealed item rate tenders for renovation work in microbiology Lab at MPPCB, Bhopal are invited from eligible contractors by the Board up to 13:00 Hrs. on or before **19/ 09/2018** The tenders are to be submitted in two separate envelopes each sealed and clearly identified as to envelop number and contents as indicated below. Both the envelopes shall be contained in a large envelope super scribed '**Tenders for renovation work for microbiology Lab at MPPCB, Bhopal.**
2. The tenderer will be issued one set of tender documents comprising of Technical Bid and Price Bid for preparation of their tender.
3. Tenderers have to return all the documents issued to them while submitting their tender, duly stamped and signed as per instructions.
4. **Envelope "A"**: This envelope shall be super scribed '**ENVELOPE "A"- TECHNICAL BID for renovation work for microbiology Lab at MPPCB, Bhopal.** Price bids of Tenderers who do not fulfill the above requirements shall not be opened. The required documents should be submitted strictly as prescribed. Original documents may be required for verification of the above claims at the time of opening the technical bids.

Envelope "A" shall contain tender documents each page duly signed by Tenderers as a token of their acceptance of the technical and contractual details, including tender form duly filled in, complete details and description, including all data to be supplied by tenderer as specified in the information and instructions to tenderers. The envelope "A" shall also contain Earnest Money Deposit in the form of crossed **Demand Draft of Rs.45000.00 (Rs forty five thousand only) in favor of Member Secretary M. P. Pollution Control Board, Bhopal.** The Envelop "A" shall also contain forwarding letter of the contractor mentioned following annexure in support of their eligibility:

- (a) Documents indicating the set up of organization, partnership, proprietorship, pvt. Ltd, public ltd. etc.
- (b) Valid Enlistment with MPPWD/ CPWD/MES/Railways/Public Sector Undertakings, other Government bodies etc.
- (c) Details of works of similar nature carried out in Central or State Government bodies/departments, Public Sector Undertakings (if any).
- (d) Copy of valid GST Number if any.
- (e) Copy of Registration with Employees Provident Fund Organization (if any).



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5. **Envelope "B"** shall contain only the copy of schedule of work and prices duly filled in and signed by the tenderer along with the prescribed letter. No commercial or technical condition or qualification of any sort shall be indicated by the tenderer in this Envelope, otherwise the tender shall be summarily rejected. This envelope shall be super scribed 'ENVELOPE "B" (PRICE BID) as tender for **renovation work for microbiology lab at MPPCB, Bhopal.**
6. Envelope "A"& "B" will be opened on the due date in the presence of such tenderers or their duly authorized representatives as may like to be present at 15:00 Hrs at the address indicated above.
7. The Board reserves the right to accept or reject any or all the tenders without assigning any reasons.
8. Earnest money deposit of **Rs.45,000.00** (Rupees forty five thousand only) must accompany the Technical Bid (Envelope "A") through demand draft in favor of the Member Secretary MPPCB Bhopal, otherwise it shall be rejected. In the event of the tender being accepted the earnest money shall form a part of the security deposit. The earnest money of un- successful tenderers will be refunded.
9. The approved firm shall have to submit 7.5% security deposit of the ordered value in the form of bank Guarantee or in the shape of Demand Draft in favor of the Member Secretary MPPCB Bhopal, for a period of 12 months, other wise 7.5% amount shall be deducted from the bill. The Bank Guarantee or deducted amount shall be released after 12 months on satisfactory performance of the job done.
10. The tender will not be accepted from the firm to whom the document is not issued by the Board and the bid downloaded from net without tender fee will not be accepted.
11. The tenders shall remain open for acceptance for a period of 180 days from the date of opening of the Envelop "B".
12. Rate(s) quoted shall include provision of all scaffoldings, tools, plants, accessories and shifting of office material/ files etc., required for proper execution of the work. Rate(s) shall also cover the cost of handling, carriage, all type of taxes, duties and royalties, etc.
13. **Payment Condition:** The contractor will submit the bill of the work done, these will be verified by the Engineer through the quality and volume of the work executed and recorded in the measurement



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book/Measurement sheet. The payment will be made on completion of all the work and fulfillment of contractual liabilities.

14. **No advance payment shall made to contractor against material procurement**
15. The contractor shall not stop the work for running bill payment.
16. The M. P. Pollution Control Board reserves the right without assigning any reasons therefore to:
 - Accept or reject any or all tenders in whole or in part;
 - b) Increase or decrease the quantities of any item of the work and the successful tenderers shall perform the same at the rates quoted.
17. Time of completion of work will be three (3) months from the date of commencement as per letter of intent, which can be relaxed for additional 30 days by the Member Secretary. After scheduled time limit, 2% of the total contract value per month penalty shall be levied the amount of penalty shall not be more than 10% of the contract value or bill value whichever is more.
18. Any further clarifications may please be obtained from the undersigned. Intending tenderers are encouraged to visit the site of work and acquaint themselves with the scope of work.
19. Price quoted by the tenderer shall be firm, inclusive of all levies, excise duty and GST, any other tax etc. No escalation in price would be permitted on any ground.
20. TDS and any other taxes as applicable from time to time shall be recovered by the Board from the bills submitted by the contractor. Any change in the rate of TDS shall be to the contractor's account.
21. The quantity of work may be variable the tenderers are requested to make him familiar with the site and work to be executed.
22. In case of any dispute the decision of Chairman, M.P. Pollution Control Board shall be final & binding.
23. Material specifications are mentioned against items of the tender. However where no specification is given one of the following make of the material shall be used. The contractor will have to get the sample approved from the Engineer In charge whose decision shall be binding on the contractor. The condition is also applicable for any material not



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mentioned in the specification or schedule of works no deviations are allowed in these even during / after tender.

SN.	MATERIAL APPROVED	MATERIAL APPROVED BRANDS
1.	Paints	Asian, Berger, Narolac
2.	Putty	JK, Birla, Tata,
3.	Door closer	Godrej, Dorma, Falcon make.
4.	Aluminium section	Jindal/Hindalco/Man
5.	Glass	Modi, Saint Gobain, Asahi
6.	False ceiling	Armstrong/Saint Gobain
7.	Sliding glass Sensor gate	Dorma, inox, Eura- Wall or equivalent.
8.	Electrical Items	<u>Wires</u> – Anchor/HPL/ V Guard/Greaves. <u>Cables</u> – V Guard, Robin, Heavels <u>Modular Switches</u> – CPI., Anchor Rome, Legrand <u>Pipes</u> – AKG, Crown, Shrinah <u>MCB</u> – Standard Heavels, C&S, Legrand, HPL

NOTE: CONTRACTOR SHOULD OBTAIN APPROVAL FROM ENGINEER INCHARGE OF THE BOARD BEFORE PLACING ORDER FOR ANY SPECIFIC MATERIAL / AGENCIES.


Executive Engineer
(Maintenance)



EVELOPE B (PRICE BID)

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Name of Work - Renovation work for microbiology Lab at MPPCB, Bhopal.

SN.	Item of Work	Unit	Qty	Rate	Amount
1.	Providing and fixing tiles false ceiling of approved materials of size 595x595mm in true horizontal level suspended on inter locking metal grid of hot dipped galvanised steel section (galvanised @ 120 gms/sqm.) consisting of main T runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.3mm thick. Sheet spaced at 1200mm c/c and cross T of 24x25 mm made of 0.3mm thick. Sheet 1200mm long spaced between main T and 600mm c/c to form a grid of 1200x600 and a secondary T of length 600mm of size 24x25 made of 0.3mm thick. Sheet to be interlocked at middle of the 1200x600mm panel to form a grid of 600x600mm and laying false ceiling tiles of approved texture in the grid including where ever required cutting/making opening for services like diffusers, A.C grills, light fixture, smoke dictators etc. Main T runner to be suspended from ceiling using G.I slotted cleats of size 27x37x25x1.6 mm fixed to ceiling with 12.5mm dia. and 50mm long dash fasteners, 4mm GI adjustable rods with galvanised butterfly level clips of size 85x30x0.8 mm spaced at 1200 mm c/c along main T, bottom exposed width of 24	Sqm	50.958		



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	<p>mm of all T- sections shall be pre- painted with polyester paint, all complete for all heights as per specifications drawings and as directed by Engineer in charge. GI Metal Ceiling lay in pain micro look edge Global white colour tiles of size 595x595 mm, and 0.5mm thick with 8mm drop; made of GI sheet having galvanizing of 100 gms/sqm and electro statically polyester powder coated of thickness 60 microns, including factory painted after bending.(SOR Item No.12.50.1)</p>				
2.	<p>providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37 mm, at 1200 mm centre to centre ,one flange fixed to the ceiling with dash fastener 12.5 mm dia. x 50mm long with 6mm dia. bolts other flange of cleat fixed to the angle hangers of 25 x10 x0.50mm of required length with nuts and bolts of required size and other end of angle hanger fixed with Intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre , shall be</p>	Sqm	58.1696		



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	<p>fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia. x 230 mm long G.I. wire at every junction , including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall / partition with the help of rawl plugs at 450 mm centre, with 25 mm long dry wall screws @ 230mm interval ,including fixing of 10 mm thick plaster of Paris (gypsum anhydrous) sheet to ceiling section and perimeter channels with the help of dry wall screws of size 3.5x25mm at 230mm interval including jointing and finishing to a flush of tapered and square edges of POP board with jointing compound(POP paste) Including the cost of making openings for light fittings, grills, diffusers, cut outs made with frame of perimeter channels suitably fixed ,all complete as per drawings, specification and direction of the Engineer in charge . Flat surfaces (SOR ITNo.12.46.1)</p>				
3	<p>Aluminium Partition work Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections / appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia. and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust</p>	Kg	400.68		



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	free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in charge. (Glazing, panelling and dash fasteners to be paid for separately): 21.1.1 for fixed portion. 21.1.1.2 Power coated aluminium (minimum thickness of powder coating 50 micron)				
4	21.1.2 for shutters of doors ,windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately).21.1.2.2 powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	60.48		
5.	21.2 providing and fixing 12mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass /stainless steel screws etc. complete as per architectural drawings and directions of engineer in charge. 21.2.2 pre-laminated particle board with decorative lamination on both sides.	Sqm	38.88		
6.	21.3 providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber/neoprene gasket etc. complete as per the architectural drawings and the	Sqm	23.76		



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	directions of engineer in charge .(Cost of aluminium snap beading shall be paid in basic item).21.3.1 with float glass panes of 4.0 mm thickness				
7.	21.13 providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	Nos.	6		
8.	21.16.2 Providing and fixing aluminium round shape handle of outer dia. 100mm with SS screws etc. Complete as per direction of Engineer in charge, power coated minimum thickness 50 micron aluminium.	Nos.	10		
9.	9.114 providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete.9.114.2 Twin rubber stopper	Nos.	6		
10	Providing and fixing door closer of good quality ISI Mark.	Nos.	6		
11.	Brick work with well burnt chimney bricks in bulls patent trench kiln, crushing strength not less than 25 kg/cm ² and water absorption not more than 20% in superstructure above plinth level and up to floor two levels. Cement mortar 1:4 (1 cement : 4 sand) SOR Item No.6.4.1	cum	5.003		
12.	12mm Cement plaster of mix 1 : 4 (1 cement : 4 sand) (SOR Item no.- 13.1.1)	Sqm	50.032		
13.	Providing & applying white cement based putty of average thickness 1mm of approved brand & manufacturer, like Birla White/JK white or equivalent over the	Sqm	170.259		



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	plastered wall surface to prepare the surface even and smooth i.e. at cost of material labour and scaffold etc. in all position complete. (SOR Item no.- 13.41)				
14.	Wall painting with plastic emulsion paint of approved brand & manufacturer to give an even shade: 13.49.1 One or more coats on new work.	Sqm	170.259		
15.	Providing and fixing of Vertical Roller Blinds of approved shade and make by Engineer in charge with all fittings completely.	Sqm	8.778		
16.	Dismantling aluminium /Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material within 50 meters lead as directed by Engineer in charge.(SOR Item 15.49)	Sqm	8.372		
17.	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows. Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick(Both side) 9.6.3 ply wood 5 ply, 9 mm thick : Decorative plywood one side decorative veneer and commercial veneer on other face (Type I) conforming to IS 1328 BWR type (SOR Item 9.6.3.2)	Sqm	23.31		
18.	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows. Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick: 5.5 mm thick glass (SOR Item 9.6.7.2)	Sqm	1.2		
19.	providing and fixing ISI marked flush door	Sqm	3.78		



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	shutters conforming to IS: 2202 (part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters of such as duro board, century or equivalent make. 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.(SOR Item 9.18.1)				
20.	providing and fixing Cupboard shutters 25 mm thick ,with pre laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked exterior grade (Grade I Type II) having one side decorative lamination and other side balancing lamination including IInd class teak wood lipping of 25mm wide x 12 mm thick with necessary screws and bright finished stainless steel piano hinges complete as per direction of Engineer - in-Charge.(SOR Item 9.135,page No.135)	Sqm	15.93		
21.	providing and fixing ISI marked stainless steel handles with necessary screws etc. complete: 125 mm (SOR Item 9.69,page No.129)	Nos.	16		
22.	Providing and fixing magnetic catcher in cupboard /ward robe shutters including fixing with necessary screws etc. complete (Best make of approved quality). Double strip (horizontal type) (SOR Item 9.129.2,page No.134)	Nos.	32		
23.	providing and fixing 18 mm thick gang saw cut mirror polished machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size	Sqm	16.74		



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	<p>of approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish wherever required etc. complete at all levels. Samples approved by Engineer in charge. Granite of any colour and shade (SOR Item 11.22.2)</p>				
24.	<p>providing and fixing Chlorinated polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply including all CPVC pain and brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing . This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc.(SOR Item 18.8)</p>				
	15 mm nominal outer dia. pipes	Mtr	10		
	25 mm nominal outer dia. pipes	Mtr	20		
25.	<p>Providing and fixing gun metal gate valve with brass lever handle of approved quality. (SOR Item 18.33.1) 25 mm nominal bore.</p>	Nos.	2		
26.	<p>providing and fixing kitchen sink with C.I. brackets, C.P. brass chain with rubber plug, 40mm C.P. brass waste complete , including painting the fittings and brackets ,cutting and making good the walls wherever required: white glazed fire clay kitchen sink of size 600x450x250mm.(SOR</p>	Nos.	2		



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Item 17.13.1)					
27.	providing and fixing CP brass towel rail of approved quality and make , 600x20mm (SOR Item 17.73.1)	Nos.	1		
28.	Providing and fixing hand wash shower of approved quality and make.	Nos.	1		
29.	providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shape with 6 mm thick hard board backing : Rectangular shape 1500x450 mm (SOR Item 17.68.4)	Nos.	1		
30.	Providing and fixing PVC waste pipe for sink or wash basin Including P.V. C. waste fittings complete. Flexible pipe 32 mm dia.	Nos.	2		
31.	providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms, 15 mm nominal bore(SOR Item 18.54.1)	Nos.	2		
32.	providing and fixing brass stop cock of approved quality ,15 mm nominal bore.(SOR Item 18.51.1)	Nos.	2		
33.	providing and fixing required stainless steel fitting of press fit design of grade AISI 304 conforming to JWWA G116 standard with V profile or M profile and with O ring sealing gasket of EPDM material of providing and fixing required stainless steel fitting of press fit design of grade AISI 304 conforming to JWWA G116 standard with V profile or M profile and with O ring sealing gasket of EPDM material of required dia.				



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	as per direction of Engineer in charge. (SOR Item 18.16)				
	Reducer for 22.22x15.88 mm outer dia. pipe.(SOR Item 18.16.1)	Nos.	2		
	Reducer for 28.58x15.88 mm outer dia. pipe.(SOR Item 18.16.2)	Nos.	2		
34.	providing and fixing required stainless steel fitting of press fit design of grade AISI 304 conforming to JWWA G116 standard with V profile or M profile and with O ring sealing gasket of EPDM material of required dia. as per direction of Engineer in charge .				
	Elbow 90degree, for 15.88 mm outer dia. pipe.(SOR Item 18.17.1)	Nos.	2		
	Elbow 90degree, for 22.22 mm outer dia. pipe.(SOR Item 18.17.2)	Nos.	2		
35.	providing and fixing required stainless steel fitting of press fit design of grade AISI 304 conforming to JWWA G116 standard with V profile or M profile and with O ring sealing gasket of EPDM material of required dia as per direction of Engineer in charge .				
	Male Thread Tee for 15.88mm outer dia. x 15mm nominal dia. threaded(SOR Item 18.21.1)	Nos.	2		
	Male Thread Tee for 22.22 mm outer dia. x 15 mm nominal dia. threaded(SOR Item 18.21.2)	Nos.	2		
36.	providing and fixing required stainless steel fitting of press fit design of grade AISI 304 conforming to JWWA G116 standard with V profile or M profile and with O ring sealing gasket of EPDM material of required dia. as per direction of Engineer In charge .				
	Female Thread Tee for 15.88 mm outer dia. x 15 mm nominal dia. threaded (SOR	Nos.	2		



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	Item 18.22.1) Female Thread Tee for 15.88 mm outer dia. x 15 mm nominal dia. threaded (SOR Item 18.22.2)	Nos.	2		
37.	providing and fixing u PVC pipe and fittings for sink waste water, pipe dia. 75mm(3")	Mtr	8		
38.	providing and fixing plain bend of required degree 75 mm dia. minimum wall thickness 605mm , sand cast iron S and S as per IS -1729(SOR Item 17.37.2.1)	Nos.	2		
39.	Providing and fixing Automatic Sliding Sensor Glass Door (12mm Toughened glass) with all accessories complete fitting works as approved by Engineer in Charge. (Size 2.87Wx2.02H)	Nos.	1		
40.	Supply and fixing of recessed mounting type Led light fixture, LED of 1 to 3 W each assembled on single MCPCB, having color temp 6500K & having 50000 burning hrs life with minimum @ L 70, system lumen output should be minimum with efficacy>80lm/W. LED driver, PF 0.95 & THD < 20%. The colour rendering index of LED light should be more than 70. Housing made of CRCA with glare free diffused polycarbonate cover. Submission LM 80-08 Form LED Source Manufacturer & LM79-08 / IS16106 from NABL approved lab. Manufacturer mandatory I/c connection wire, testing etc. to complete the job. 2 Yrs Guarantee certificate from manufacturer. LED luminary 2' X 2', 36 W, 4-6.5K	Nos.	12		
41.	Point wiring (excluding metallic switch box & sheet but including switches, sockets,				



MADHYA PRADESH POLLUTION CONTROL BOARD

Paryavaran Parisar E-5, Arcera Colony, Bhopal – 462016

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	<p>lamp, holders, ceiling roses etc) with 1.5 Sq. mm. PVC insulated cable FR with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI Marked of suitable size and 1.5 Sq. mm. PVC Insulated copper earth continuity conductor of green colour inside conduit etc. as required as per specification for :- PWD SOR 2014. Item No.4.1 Light Point/Fan Points.</p>			
	A. Short Point	Nos.	5	
	B. Medium point	Nos.	6	
	C. Long point	Nos.	4	
42.	<p>9.1 Point wiring (excluding metallic switch box & sheet) for 3 Pin 16 Amp. Socket Outlet Point With 4 Sq. mm. PVC Insulated cable FR with copper multi strand conductor ISI marked in Concealed rigid P.V.C Conduit (HMS) ISI Marked of suitable size etc. with 16 Amp. F.T. Switch & Socket / S.S. Combined 6/16 Amp. of ISI Marked and 4 Sq. mm. PVC Insulated copper earth continuity conductor of green colour inside conduit as per specification for On Separate Board (Modular Accessories)</p>			
	A. Short point	Nos.	4	
	B. Medium point	Nos.	10	
	C. Long point	Nos.	6	
	D. Extra long -I	Nos.	2	
43.	<p>18.2 Supplying and fixing of approved make modular type metal box with modular frame/ base plate and cover plate including fixing in concealed / surface excluding switch, socket etc. as required for</p>			



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	1 Or 2 Module	Nos.	5		
	3 Module	Nos.	3		
	4 Module	Nos.	5		
	6 Module	Nos.	1		
	8/9 Module	Nos.	1		
	12 Module	Nos.	1		
44.	5.6) Wiring for circuit wiring with PVC insulated cable FR with copper multi strand conductor ISI marked in surface rigid steel conduit of ISI marked suitable size including painting etc. as required as per specification. (A) 2x2.5 Sqmm	Mtr	30		
	GRAND TOTAL Rs.				

Having examined the form of contract, schedule of quantities, relating to the above mentioned work and having visited and examined the site of the proposed works and having acquired the requisite information relating thereto as affecting the tender invited by you on behalf of the M. P. Pollution Control Board, I/we, the undersigned hereby offer to execute and complete the proposed works strictly in accordance with the Award of contract for the sum/amount of Rs. _____ (Rupees _____) or such other sum as may be ascertained in accordance with said conditions as given in the tender document.

I/we undertake to complete and deliver the whole of the works within Six months from the date of commencement of work as per the relevant clause of the contract. Upon receiving possession of the site, I/we shall be under obligation to pay the sum as per General Conditions of the contract. I/we have deposited earnest money of Rs 45,000.00 (Rupees forty thousand only) by Bank Draft/Pay Order which will carry no interest. I/we hereby agree that this sum shall be forfeited by the M. P. Pollution Control Board in the event of my/our tender being accepted and I/we fail to execute the contract when called upon to do so.

Yours faithfully,

Name & Seal of the Partner of the firm

Draft design of microbiology lab

