

To,

**Sub: Invitation of sealed quotations for making platform for Air Quality Monitoring and miscellaneous civil works in TOL and car parking in Parivesh Bhawan, CPCB**

Sir,

Sealed quotations are invited on the behalf of Central Pollution Control Board for the following work:

S.N.	Description of item	Unit	Qyn	Rate (Rs.)	Amount (Rs.)
1.	Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be paid separately)	sqm	10		
2.	Providing & laying on roof pressed clay tile ridge (Mangalore tile) of 20mm thickness and of approved pattern on steel frame work complete (steel frame work to be paid separately).	sqm	5		
3.	Providing and fixing stainless steel ( Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, ( for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	kg	500		
4.	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	kg	350		
5.	Panting with synthetic enamel paint of approved brand and manufacturer of required colour to give an even shade: Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	Sqm	10		
6.	<b>CEMENT CONCRETE (CAST -IN- SITU)</b> 4.1 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size)	Cum	01		
7.	Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level, suspended on interlocking metal grid of hot dipped galvanized steel sections ( galvanized @ 120 grams/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm  fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanized butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 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. 18 mm thick fully perforated calcium silicate board made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process to give stable crystalline structure with minimum compressive strength 225 kg/ sq. cm, bending strength 100 kg/sq. cm , of size	14 sqm	sqm		

	595x595 mm, having perforation of dia. 10 mm with minimum perforated area 18 % with non woven tissue on the back side, having an NRC ( Noise Reduction Coefficient) of 0.85, with 50 mm thick rockwool of 48 kg /cum backing.				
8.	S/L of following size XLPE insulated and PVC sheathed alu. Conductor armored power cable of 1.1 KV gradedirect in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required ( Polycab/ skytone/Plaza/Kalinga/Gloster make)				
	<b>4 X 25 sq mm</b>	50	mtr		
9.	Supplying, installation, testing and commissioning of following capacity Heavy duty double break TPN FAC,415 volts,50 Hz without sheet steel enclosure and HRC Fuses complete in the existing panel etc as required				
	<b>a) 100 amps (L&amp;T Make FAC 100 TPN or eqv . Havells /ABB/MERLIN GERLIN/GE/Schneider Make</b>	1	nos		
10.	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/sub main wiring/ cable as required.	100	Mtr		
11.	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required	1	Set		
12.	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required.	40	Metre		
13.	Providing and laying earth connection from earth electrode with 4.00 mm dia copper wire in 15 mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	5	mtr		
14.	Fabrication, supplying and installation of indoor type cubical feeder Pillar of not less than 1.2 sq. m and 300 mm deep made out of CRCA sheet 2 mm thick (16 SWG) duly compartmentalised having 4 strip Copper bus bar of 400 amp capacity double door with locking arrangement (2 nos Godown locks in front and 2 nos Godown locks in rear covers) and protection dust, fixed on M.S. angle iron frame work of size 50 mm x 50 mm x 6 mm (NS) 45 cm long legs to be welded on the existing angle iron frame and having following accessories mounted inside the cubical feeder Pillar i/c connection, inter connection with aluminium thimbles, earthing with two nos. earth studs duly powder coated complete etc. as reqd i/c supplying & fixing of following accessories in the existing cubical panel board feeder pillar including connection testing etc. as read.	1	Job		
15.	<b>S/F following accessories in the existing cubical type M.S. panel board etc. as reqd</b>				
i.	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. (a) Single pole	4	nos		
ii.	Ampere meter (Digital type) L&T Model No:- WDS301FEV00/ or equivalent AE)	1	nos		
iii.	Voltmeter (Digital type) L&T Model No:- WDS301FCA00 or equivalent AE	1	nos		
iv.	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.63 Amp.	2	nos		
	Total amount				

**Terms & Conditions:**

1. Sealed quotations should be dropped in the quotation box kept at reception (Ground Floor) of Parivesh Bhawan, CPCB on or before 05.11.2014 by 3.00 pm.
2. The quotation has to be accompanied by an EMD of Rs.9300/- (Rs. Nine Thousand Three Hundred only) as Demand Draft in favour of Central Pollution Control Board, Delhi. The EMD of unsuccessful bidders shall be returned after award of work to successful bidder. The EMD of successful bidder shall be deposited in CPCB account and will be refunded after satisfactory completion of work. No interest shall be paid on it.
3. The rates quoted should be as per our specification.
4. Payment will be made after satisfactory completion of work. No advance payment will be made.
5. 10% security will be deducted/retained from the bill for defect liability period of 06 months.
6. The defect if any, found within 06 months after completion of the work should be rectified by the quotee at his own cost.
7. The work should be completed within 01 month from the date of issue of work order.
8. Income Tax shall be deducted at source.
9. The work shall be carried out strictly according to CPWD specifications for civil work.
10. It may be noted that mere quoting the lowest rates will not entitle any firm to get the work order.
11. The Chairman, Central Pollution Control Board reserves the right to cancel any or all the quotations without assigning any reasons thereof.
12. The quotations shall be valid for 03 months from the date of their opening.
13. The terms & conditions and taxes etc. should be clearly mentioned in the quotation.
14. The over writing and corrections, if any should be counter signed.
15. In the event of any dispute, the decision of the Chairman, Central Board shall be final and binding on both the parties.
16. The bidders have to submit copy of valid registration certificate of CPWD/MES or any other Govt. Organisation, PAN Card alongwith the bid.
17. Typographical & clerical errors are subject to correction.

Yours Faithfully,

**(Paritosh Kumar)**  
**I/c, Building**