

CENTRAL BOARD OF SECONDARY EDUCATION

Regional Office

New No-3, Old No. 1630 A, "J" Block, 16th Main Road
Anna Nagar West, Chennai-600040.

NOTICE INVITING TENDER

CBSE invites sealed Percentage rate tender from registered contractors of Govt. Dept., PSU, autonomous Bodies and/or executed minimum two works costing Rs. 15.50 Lacs each or three works costing Rs. 12.50 Lacs each during last three years and for the under mentioned work.

Name of the Work	Renovation of toilets and Providing Vitrified Tiles flooring at Regional Office, Chennai.
Estimated Cost	3107243/- (Rupees Thirty One Lac Seven Thousand Two Hundred Forty Three Only)
Period of Completion	120 Days
Earnest Money Deposit (EMD)	Rs. 78000/- (Rs. Seventy Eight Thousand only)
Non-refundable cost of Tender document	Rs. 500.00 (Rs. Five Hundred only) in the shape of DD/PO in favour of Secretary, CBSE payable at Chennai (on working days).
Last date & time of submission of tender	Up to 25-09-2014 by 3:00 PM
Date & Time of Opening of Tender	25-09-2014 at 03:30 PM

Tenders duly completed shall be received in the tender-box placed at Reception Counter, CBSE, Regional Office, Chennai. The detailed tender documents can also be seen and/or downloaded from the web site <http://www.cbse.nic.in>.

Joint Secretary (A & L)

Schedule of work

Name of work: Renovation of toilets and Providing Vitrified Tiles flooring at Regional Office, Chennai.

Sl. No.	DESCRIPTION OF ITEM	QTY.	UNIT	RATE	AMOUNT
1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles above 25 mm and up to 40 mm	140	sqm	39.75	5565
2	Dismantling old Wall ceramic tiles including disposal of rubbish to the dumping ground within 50 metres lead.	310	sqm	18.15	5656.50
3	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and buying-back the same (quoted amount shall be reduced) Of area 3 sq. meters and below	16	each	127.80	2044.80
4	Dismantling of flushing cistern of any size including stacking of useful materials near the site and disposal of unserviceable materials within 50 meters lead.	10	each	322	3220
5	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 meters lead.	150	sqm	18.15	2722.50
6	Dismantling concealed G.I. pipes including excavation, taking out the pipes, manually/ by mechanical means including buying back the same : 15 mm to 40 mm nominal bore	150	meter	52.60	7890
7	Dismantling C.I. pipes including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes & lead at site within 50 metre lead as per direction of Engineer-in-charge: Up to 150 mm diameter	10	meter	155.20	1552
8	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy,	310	sqm	793.60	246016

	<p>bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.</p> <p>Preferable brands: NITCO, KAJARIA, NAVIN, ORIENT, SOMANI</p>				
9	<p>Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete.</p> <p>Size of Tile 500x500 mm</p> <p>Preferable brands: NITCO, KAJARIA, NAVIN, ORIENT, SOMANI</p>	140	sqm	1,241.85	173859
10	<p>Providing and fixing 28 mm thick door shutter made of solid PVC foam profile with homogenous fine cellular structure having smooth outer integral skin having 71mm width & 28mm thick as styles and rails. Joints are made using solvent adhesive and GI 'C' sections (39mm x 19mm x 0.6mm thick) or M S pipe (40mm x 20mm) stiffener frame insert & telescopic polymeric 'L' corners .The panel shall be filled with 3mm thick high - pressure compact laminate as per manufacturer's specifications and direction of Engineer-in-charge, cover moulding shall be provided for covering fixing screws and elegant look.(for W.C. and bathroom door shutter).The brand approved shall be "Rajshree".</p>	14	sqm	2500	35000
11	<p>Providing and fixing factory made door frame (single rebate) made out of single piece extruded solid PVC foam profile with homogenous fine cellular structure having smooth outer integral skin having 62 mm width & 32 mm thickness, frame will be mitred & Jointed with self driven self tapping screws of size 38 mm x 4 mm & PVC solvent cement , including fixing the</p>	72	Meter	363.40	26164.80

	frame to wall with suitable dia & length anchor fastener as per manufacturer's specification and direction of Engineer-in-charge.				
12	Providing and fixing water closet squatting pan (Indian type W.C.pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	2	Each	3,265.25	6530.50
13	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid Preferable brands: PERRY, CERA, HINDUSTAN	3	Each	3,189.75	9569.25
14	Providing and fixing white vitreous china flat back half stall urinal of size 80x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : Single half stall urinal with 5 litre P.V.C. automatic flushing Cistern Approved make : PERRY, CERA	8	each	6,249.20	49993.60
15	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required : White Vitreous China Wash basin size	12	Each	1,903.25	22839

	630x450 mm with a single 15 mm C.P. brass pillar tap				
16	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & 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. 20 mm nominal outer dia Pipes 25 mm nominal outer dia Pipes	120 50	meter meter	281.35 336.25	33762 16812.50
17	Providing and laying Double Flanged (screwed/ welded) Centrifugally (Spun) Cast Iron, Class B (IS : 1536) : 100 mm dia C.I. Double Flanged Pipe	10	meter	1,633.35	16333.50
18	Providing and laying Double Flanged (screwed/ welded) Centrifugally (Spun) Cast Iron Gully trap : 100 mm dia C.I. Double Flanged trap	4	each	700	2800
19	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	14	each	609.40	8531.60
20	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 15 mm nominal bore.	4	each	618.70	2474.80
21	Providing and fixing C.P. brass angle valve of approved quality conforming to IS:8931 15mm nominal bore	32	each	506.70	16214.40
22	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with frame of approved make with impervious material backing : 1) Rectangular shape 1200x600mm 2) Mirror of size 450x600mm as per approved sample. 1800x600mm	4 4	each each	2500 1200	10000 4800
23	Providing and fixing C.P Brass Bottle Trap Heavy duty for Wash basin .(As per approved sample)	8	each	900	7200
24	Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of	3	each	181.75	545.25

	standard shape with bracket of the same materials with snap fittings of approved quality and colour. weighing not less than 105 gms.				
25	Providing and fixing PTMT towel ring trapezoidal shape 215mm long, 200mm wide with a minimum distances of 37mm from wall face with concealed fittings arrangement of approved quality and colour. Weighing not less than 88 gms.	8	each	174.80	1398.40
26	Providing and fixing C.P. brass Pillar cock of approved quality conforming to IS standards and weighing not less than 400 gms. 15 mm nominal bore	3	each	900	2700
27	Making chases up to 7.5x7.5 cm in walls including making good and finishing with matching surface after housing CPVC pipe etc.	40	meter	77.65	3106
28	Providing and fixing KOPAL, Novatech., JINHAI quality make hand drier, no touch operating 20R Hygenic level, Fully Hygienic level, rated for continuous repeat use, time required to dry hand pair upto wrist, Half a minute for 230 volts, 1 Phase 50 HZ 15 amp AC supply with summer/ winter control. In rugged multiple staved grounded steel enclosure with one bracket for firm wall fixture, one meter sheathed 3 core flexible cable, 1- three pin 15 amp plug top.	8	each NDSR	10000	80000
29	Extra for fixing marble /granite stone over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive including cleaning etc. complete.	8	meter	225.75	1806
30	Extra for providing opening of required size & shape for wash basins/ kitchen sink in kitchen platform, vanity counters and similar location in marble/Granite/stone work including necessary holes for pillar taps etc. including rubbing and polishing of cut edges etc. complete	8	each	350.80	2806.40
31	Disposal of malba from worksite to dumping site within 5 k.m lead.	30	Cu.m	123.85	3715.50
32	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	20	sqm	6.90	138

33	Repairs to plaster of thickness 12mm to 20mm in patches of area 2.5 sq. meters and under including cutting the patch in proper shape, raking out joints and repairing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50meters lead : 1) With cement mortar 1:4 (1 cement : 4 fine sand) 2) With cement mortar 1:4 (1cement: 4 coarse sand).	5 10	sqm sqm	221.15 231.85	1105.75 2318.50
34	Removal of existing PVC flooring and disposal of the same to dumping ground for a lead of 5Kms.	900	Sqm	26	23400
35	Providing and laying Vitriified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 600x600 mm	950	Sqm	1,539.85	1462857.50
36	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge. Size of Tile 600x600 mm	1050	sqm	180.60	189630
37	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture spintone/cosmos / Hexa or equivalent of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum)	310	Sqm	1,614.40	500464

	<p>sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main "T" at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to form grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calcium silicate ceiling tiles of approved texture (Spintone / Cosmos/hexa) in the grid, including, cutting/ making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main "T" runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main "T", bottom exposed with 24 mm of all T-sections shall be pre-painted with polyester baked paint, for all heights, as per specifications, drawings and as directed by engineer-in-charge.</p> <p>Note :- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/opening (cut outs) having area less than 0.30 sqm.The calcium silicate ceiling tile shall have NRC value of 0.50 (Minimum), light reflection > 85%, non - combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity <0.043 w/m 0 KC.</p> <p>Approved brands: Armstrong or equivalent</p>				
38	P & F MS box of size 5x8 inches for electrical switches duly electroplated	20	each	200	4000

39	Wiring for light/ fan/ exhaust fan/ call bell/ point with 1.5 sq mm PVC insulated copper conductor cable in surface/ recessed PVC conduit as required.	12	each	700	8400
		18	each	900	16200
		8	each	1300	10400
		Short point			
	Medium point				
	Long point				
40	P & F including wiring for 3 pin 5/6 amps socket outlet on existing switchboard.	4	each	200	800
41	P & L circuit wiring with 2x2.5 sq mm PVC insulated copper conductor cable along with one 2.24 mm dia. copper wire for loop earthing complete as required.	100	meter	200	10000
42	Supply of Modular switches plate type with 4 switches and 1 socket outlet as approved by the Engr. In charge.	45	each	500	22500
43	SITC of exhaust fan upto 300mm sweep in the existing opening including providing M.S. support as per site requirement. Approved brands: Crompton, Bajaj	8	each	2500	20000
44	P&F Tube light fitting with acrylic cover (1x40w) TL Make Philips/ Bajaj	3	each	2200	6600
45	P&F bracket type light fitting over the stand post mirror (CFL Type) with lamp of 11/18 watts, as approved by the Engr. Incharge.	1	each	1000	1000
46	Providing and fixing of following stainless steel Items 1) L-Drop (10" inch) on PVC Door shutter. with all fittings and fixtures complete. 2) Tower Bolt (10" inch)	7	each	900	6300
		7	each	300	2100
47	Providing & fixing PVC pipe 110 mm for drainage/stacking purposes in the shaft. Approved brands: Prakash, Tirupati, Kisan	Rate only	Per mtr.	600	
48	P&F P-trap 110 mm	8	each	300	2400
49	P&F of PVC items 110 mm for connecting the IWC and drainage 1. Floor trap 2. Door-tee	4	each	300	1200
		4	each	250	1000

	3. Bend	4	each	200	800
				Total :	3107243.05

Percentage Rate : Above/Below

(Signature of the Agency)
 With complete address and seal
 Add. _____

 Tel. No.: _____
 Mobile No.: _____

Terms and Conditions

1. The work should be executed as per CPWD specifications and as per directions of Engineer-In-Charge.
2. The time of Completion of work would be 120 days.
3. Extension of completion time would be granted only if the Agency applies for with details of Hindrance.
4. The Agency should be submit a Performance Guarantee of 5% of tendered value in addition to EMD before start of work. Tenders without EMD of Rs. 78000/- would be rejected.
5. If value of work exceeds the tendered value extension of time would be granted proportionately.
6. In case of delay, a penalty of 1% per week would be deducted for the bill subject to a max of 4% of the tender value.
7. Computerized Bill should be submitted by the Contractor for process of payment.
8. All T & P shall be arranged by the Contractor.
9. Hindrance Register & Site Order Book shall be maintained at site.
10. Instructions given in Site Order Book would be followed acknowledged by the Contractor immediately.
11. One running payment would be considered after 50% completion of work and subsequently thereafter final bill would be paid within 30 days after submission of Bill by the Contractor.
12. 25% deviation in quantities would be permitted. For Extra items the non-scheduled items would be paid as per market rates and for DSR-2013 items as per percentage quoted by the Agency. The Extra items should be executed with prior approval of Engineer-in-Charge.
13. The materials to be used must be got approved from the Engineer-in-charge before installation/use.
14. Potable water shall only be used at site / work and arranged own self by the contractor. Nothing extra shall be paid on this account.
15. Agreement shall be executed by the agency at its own cost.
16. In case of no/slow progress, the Board shall have the right to rescind the contract & get the work executed at the risk & cost of the defaulting agency.
17. In case of any dispute, the Arbitrator shall be appointed by the Chairman and his decision shall be binding.
18. No escalation in rates would be given.
19. Rates should be including all taxes.
20. The Contractor shall provide assistance, instruments, material, labour and any other arrangement normally required for testing, checking of materials and workmanship as stipulated in the specifications and by statutory authority at his own cost. CBSE has the right to appoint the testing authorities. The Contract shall pay for the cost of test samples, its packing, transportation including testing fees.
21. The Contractor shall comply with all the provisions of the Minimum Wages Act – 1948 and other labour laws that may be in force.
22. If the Contractor commits breach of any of the terms and conditions CBSE shall have power to resign the Contracts.
23. All the materials obtained during dismantling, excavation, of site would be Board's property.
24. No payment shall be made the Contractor for any damage due to any natural cause during the execution of works.
25. All material used shall be as per specification and ISI marked where applicable.
26. The sanitary ware & bathroom fittings should be of PARCO, JAQUAR, ORIENT, PERRYWARE, CERA, HINDWARE makes.

27. The Contractor shall employ the Qualified Diploma holder with 5 years experience to supervise a work.
28. The Contractor shall be responsible for the Safety of workmen.

(Signature of the Agency)
With complete address and seal
Add. _____

Tel. No.: _____
Mobile No.: _____