



THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED

(A Govt. of India Enterprise)

TECHNICAL SERVICES CENTRE

Recognized R & D centre by Department of Science & Technology
Government of India

Kushaiguda, ECIL PO, HYDERABAD 500062
Ph: 040-27121422, 27126646, Fax: 27122303.

Tender No. NSIC/TSC/Maint./14-15

Dt.05-05-14

Tender Document Serial No:

Tender Schedule 2014-2015 for Renovation of existing Godown for development of training facility with additional class rooms and labs at NTSC, Hyderabad

Name of the Firm:

Address:

Contact Person Name:

Phone no.:

Fax no.:

The Tender is invited on behalf of

**The Chairman cum Managing Director
The National small Industries Corporation Limited
NSIC Bhavan
New Delhi – 110 020**

The persons and Firms intending to offer rate for the said renovation work, should observe the terms and conditions given below:-

TERMS AND CONDITIONS FOR RENOVATION OF EXISTING GODOWN FOR DEVELOPMENT OF TRAINING FACILITY WITH ADDITIONAL CLASS ROOMS AND LABS AT NTSC, HYDERABAD

1. Sealed offers super scribed “TENDER FOR RENOVATION OF EXISTING GODOWN FOR DEVELOPMENT OF TRAINING FACILITY WITH ADDITIONAL CLASS ROOMS AND LABS AT NTSC, HYDERABAD” addressed to the DGM & Centre Head, NSIC-Technical Services Centre , Kushaiguda, ECIL Post, Hyderabad – 62, will be received up to 4.00 P.M on 26-05-2014.
2. Intending tenderers should have valid registration with Sales tax /Works Contract tax /VAT authorities.
3. **The intending tenderers should have satisfactorily completed at least one similar nature work of 80% of the estimated cost put to tender or two similar nature works each of 60% of the estimated cost put to tender during last three years. Similar nature work means civil works only.**
4. Tender documents can be purchased from the office of the Deputy General Manger, NSIC- Technical Service Centre, ECIL Post, Kamala Nagar, Kushaiguda, Hyderabad- 500062 on all working days between 11.30 am to 4.00 pm except on holidays, Saturdays & Sundays after payment of requisite tender cost of Rs 500/-. NSIC Government Purchase Registered Companies can obtain the tender document free of cost on production of copy of NSIC Government Purchase Registration certificate.
5. The tender documents duly completed along with EMD in form of demand draft/pay order in favour of the “NSIC-Technical Services Centre, Hyderabad”, payable at Hyderabad from any Nationalized Bank will be submitted at the office of the Deputy General Manger, NSIC-Technical Service Centre, ECIL Post, Kamala Nagar, Kushaiguda, Hyderabad-500062 upto 4.00 P M on 26/05/14. NSIC Government Purchase Registered Companies are exempted from EMD on production of copy of NSIC Government Purchase Registration certificate.
6. NSIC reserves the right to reject any or all the tenders without assigning any reason thereof and also not bound to accept lowest tender. Tenders in whom any of the prescribed conditions are not fulfilled or found incomplete in any respect are liable to be rejected.
7. Canvassing whether directly or indirectly in connection with tender is strictly prohibited and the tender submitted by the contractors who resort canvassing will be liable to be rejected.

8. The quoted rate shall be inclusive of all materials, labour required for carrying out the work, loading – unloading, transportation, taxes, duties and scaffolding etc. And shall also include those items which are not specified but required for completion of the works.
9. The necessary crack repairing work in the wall surface including making necessary groove, applying putty or filling sealant powder, wherever required shall be carried out by the party and nothing extra shall be paid for the same.
10. The work shall be completed within three weeks from the date of confirm work order.
11. Payment shall be released after satisfactory completion of works in all respect. Necessary statutory deduction as applicable shall be made from the amount payable to the party.
12. The materials used for the work shall be of the approved shade/ colour, brand & work shall be carried out professionally and neatly.
13. Parties are requested to make a visit to site and fully acquaint themselves about the site conditions, nature of work to be carried out. Non- familiarity with the site condition shall not construed or attract for increase in rates if any, after acceptance of quoted rates.
14. The work executed shall have 6 months defects liability period from the date of completion and any defects noticed during this period shall be rectified by the party free of cost.
15. The Corporation reserves the right to reject any or all tenders without assigning any reasons whatsoever. The party shall take all safety precautions during the execution of works and shall ensure that no part of the building shall be damaged.
16. The party shall be fully responsible for any injury or accident happened to the workmen deployed by them for carrying out the works and NSIC shall no way be held responsible for the same. The parties are required to submit/ enclose their credentials along with the quotation.
17. Any party if desires, can download the Tender document pro forma from NSIC website and can submit the same in sealed envelope, with DD for Tender document fee of Rs 500/-/- and EMD before due date.
18. Quantities mentioned above are tentative only and the work shall be carried out strictly as per site condition and direction. The payment shall be released as per site condition and direction. The payment shall be released as per actual quantum of work executed after effecting necessary statutory deductions, if any.
17. Every tender shall be accompanied by means of Bank Draft as Earnest Money equivalent to 10% of the offer. The Draft shall be in favour of The National Small Industries Corporation - TSC, payable at Hyderabad drawn on any scheduled Bank. Tender not accompanied by earnest money will be rejected.

18. The earnest money shall remain with the corporation till the decision on the tender is taken. It will be adjusted towards the total value of the painting work in the case of successful tender's and will be returned to the unsuccessful tenderers within three months after opening of the tender. No interest is payable on this amount.
19. The earnest money of the successful tenderers will with hold against the Security deposited and will be released after defect liability period of 6 months.
21. The last date for receipt of the tender is up to 4.00 P.M. on 26-05-2014, the tenders received after the above said time and date will not be considered. The tenders will be opened at the above address at 5.00 P.M on 26-05-14. The tenderers or their representatives may be present at the time of opening of the tenders.
22. The tenders who offered Lowest price will be called for negotiation at the discretion of the tendering authority. The offers should remain open for acceptance for three Months from the due date.
23. The offer should be made in the form attached. Offers not submitted in the prescribed form will be summarily rejected. However, if needed an extra sheet can be attached. The decision of the corporation will be final and binding on the tenderers.
24. In the event of any dispute, the same shall be referred to the sole arbitration of the DGM, NTSC, Hyderabad of the Corporation or such officer as he may appoint to be the arbitrator. There would be no objection that the arbitrator is an employee of the corporation, or that he/she had to deal with the matter to which this tender relates or that in the course of his duties as an employee of the Corporation, he has expressed his views on all or any of the matters in dispute or difference. The award of the officer so appointed by him shall be final and binding on the tenderers.
25. If all above terms and conditions mentioned in the tender document are acceptable to you, please quote your offer on or before 26-05-2014 by 4-00 PM. Please enclose a copy of this document duly signed (on each page) stating acceptance to the terms and conditions mentioned above. The tenders received after the above said time and date will not be considered. The NSIC-TSC is not responsible for any postal delays.

Accepted above terms and conditions.

Party's Signature with Seal

DGM
(With Seal)

Place:

Date:

Tender Document Price Rs. 500/-
Tender Document SL.No.:- ____
Due on 26-05-2014 upto 4.00 P.M
From:

To
The DGM
NSIC – Technical Services Centre Limited,
Kushaiguda, ECIL Post,
Hyderabad – 5000 62

Dear Sir,

Having read and understood the terms and conditions to undertake Renovation of existing Godown for development of training facility with additional class rooms and labs at NTSC, Hyderabad. I/We hereby tender this offer for Renovation of existing Godown for development of training facility with additional class rooms and labs at NTSC, Hyderabad. My/Our offer shall remain open for acceptance for three months from the due date of this tender.

Sl.No	Tender Sl.No.	Description of the Item	Price Offered	
			In Fig.	In Words
ANNEXURE - 1 (enclosed)				

1. D.D.No.

Dt.

for Rs.

Drawn in your favour is enclosed towards EMD.

Yours faithfully,

Signature of the Tenderer with Seal

ABSTRACT

SINO	DSR NO	DESCRIPTION	QTY	UNI T	Ra te	Amo unt
1		ALTERATION OF GODOWN IN TO CLASS ROOMS				
A		Items covered under DSR 2013				
1	12.52	<p>Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level, suspended on inter locking 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 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm 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 galvanised 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.</p>				

	12.52.3	12.5 mm thick square edge PVC Laminated Gypsum Tile of size 595x595 mm, made of Gypsum plasterboard, manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16mm thick fire retardant PVC film on the face side and 12micron metalized polyester on the back side with all edges sealed with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyester film so as to make the tile a completely sealed unit.	186.21	Sq m		
2	11.41	Providing and laying vitrified tiles in different sizes (thickness to be specified by the manufacturur) with water absorbtion less than 0.08% and confirming to IS 15622 of approved make in all colour and shades laid on 20 mm thick cement mortar 1:4 including grouting the joints with white cement and matching pigments etc complete				
	11.41.2	Size of tile 60 x 60 cm	191.57	Sq m		
3	14.4	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground.				
	14.4.1	For door/ window/ clerestory window	18.76	Sq m		
4	5.3	Reinforced cement concrete work in beams, suspended floors,roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five levelexcluding the cost of centering,shuttering, finishing and reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	1.72	Cu m		
5	5.9	Centering and shuttering including strutting, propping etc. and removal of form for :				
	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	16.36	Sq m		

6	5.22A	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Above Plinth level				
	5.22A.6	Thermo-Mechanically Treated bars.	208.39	Kg		
7	15.12	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
	15.12.2	Of area beyond 3 sq. metres	2.00	Nos		
8	6.4	Brick work with F.P.S. bricks of class designation 75 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
	6.4.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	6.41	Cu m		
9	13.1	12 mm cement plaster of mix :				
	13.1.1	1:4 (1 cement: 4 coarse sand)	27.88	Sq m		
10	13.6	20 mm cement plaster of mix :				
	13.6.1	1:4 (1 cement: 4 coarse sand)	27.88	Sq m		
11	9.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).				
	9.1.2	Sal wood	0.07	Cu m		
12	9.2	Providing and fixing ISI marked flush door 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.				
	9.20.2	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	2.56	Sq m		

13	9.53	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30x10x15cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).	6.00	Nos		
14	9.97	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete				
	9.97.2	250x10 mm	2.00	Nos		
15	9.96	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete				
	9.96.2	250x16 mm	1.00	Nos		
16	9.100	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete				
	9.100.1	125 mm	2.00	Nos		
17	9.101	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				
	9.101.2	Twin rubber stopper	1.00	Nos		

18	21.1	Providing and fixing anodised aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS -733 and IS 1285, anodised transparent or dyed to required shade according to IS 1868 (Min anodic coating of grade AC 15) with necessary rawl plugs and screws or with fixing clips or with expansion holdfastener including necessary filling up of gaps at junctions, at tops, bottom and sides with required PVC /neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, aluminium snap beading for glazing / paneling, CP brass/stainless screws etc. all complete as per architectural drawings and the directions of Engineer-In-charge (glazing and paneling to be paid for seperately)				
	21.1.1	For Fixed Portion				
	21.1.1.2	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	38.1 4	Kg		
19	21.1.2	For shutters of door,windows and ventilators including providing and fixing hinges /pivots and making provision for fixing of fittings wherever required including the cost of PVC/neoprene gasket required (Fittings shall be paid for seperately)				
	21.1.2.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	35.4 6	Kg		
20	9.48	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete				
	9.48.2	Fixed to openings /wooden frames with rawl plugs screws etc	147. 96	Kg		

21	21.3	Providing and fixing glazing in aluminium door,window,ventilator shutters and partitions etc with PVC/neoprene gasket etc complete as per the architectural drawings and directions of engineer in charge (Cost of aluminium snap beading shall be paid in basic item)				
	21.3.1	With floatglass panes of 4.00 mm thickness	14.8 0	Sq m		
22	14.43	Removing white or colour wash by scrapping,sand papering and preparing the surface smooth including necessary repairs to scratches etc complete.	173. 25	Sq m		
23	13.43	Applying one coat of cement primer of approved brand and manufacture on wall surface (Asian paints)				
	13.43.1	Water thinnable cement primer	173. 25	Sq m		
24	14.45	Distembering with oil bound washable distember of approved brand and manufacture to give an even shade Old works(Asian paints) (One or more coats)				
	14.45.1	Old work (one or more coats)	173. 25	Sq m		
25	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade One or more coats on old work (Asian paints)				
	13.61.1	Two or more coats on new work	6.15	Sq m		
26	14.64	Finishing walls with water proofing cement paint of required shade				
	14.64.1	Old work (one or more coats applied @ 2.20 kg/10 sqm) over priming coat of primer applied @ 0.80 litrs/10 sqm complete including cost of Priming coat	346. 19	Sq m		
		TOTAL				

	B	Electrical Works				
1	1.14	Wiring for circuit/submain wiring alongwith earthwire with the following sizes of FR PVC insulated copper conductor ,single core cable in surface/recessed PVC conduit as required				
	1.14.2	2x2.5 sqmm+1x2.5 sqmm earth wire	15	RM		
2	1.10.2	Wiring for light fan/fan point/exhaust fan point /call bell point with 1.5 sqmm FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit ,with modular switch, modular plate,suitable GI box and earthing point with 1.5 sqmm FR PVC insulated copper conductor single core cable etc as required	55.0 0	Nos		
		TOTAL B				
	C	EXTRA ITEMS				
1		Making repairs in the existing AC sheet roof using tar sheet etc complete				
		Roof	199. 00	Sq m		
2		Providing and fixing Crompton make high speed ceiling fan				
		Ceiling Fan	20.0 0	Nos		
3		Providing and fixing Philips Make 4'0" twin tube light Flurosent fittings				
		Fittings	30.0 0	Nos		
		TOTAL C				
		TOTAL of 1 (A+B+C)				
	2	TOILET BLOCK				
1	2.6	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth.1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.				
	2.6.1	2.6.1 All kinds of soil	17.7 5	Cu m		

2	2.25	Filling available excavated earth (excluding rock) in trenches, plinth,sides of foundations etc. in layers not exceeding 20cm in depth,consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	5.79	Cu m		
3	2.34	Supplying chemical emulsion in sealed containers including delivery as specified.				
	2.34.1	Chlorpyriphos/ Lindane emulsifiable concentrate of 20%	10.0 0	Lit		
4	2.35	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) :				
	2.35.3	Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1 :2 (1 cement : 2 Coarse sand) to match the existing floor				
	2.35.3.1	With Chlorpyriphos/ Lindane E.C. 20% with 1% concentration.	18.6 1	Sq m		
5	4.1	Providing and laying in position cement concrete of specified gradeexcluding the cost of centering and shuttering - All work up to plinth level				
	4.1.8	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	4.61	Cu m		
6	5.3	Reinforced cement concrete work in beams, suspended floors,roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five levelexcluding the cost of centering,shuttering, finishing and reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	0.35	Cu m		
7	5.9	Centering and shuttering including strutting, propping etc. and removal of form for :				

	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	6.81	Sq m		
8	5.22A	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Above Plinth level				
	5.22A.6	Thermo-Mechanically Treated bars.	59.6 3	Kg		
9	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
	6.1.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	8.36	Cu m		
10	6.4	Brick work with F.P.S. bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
	6.4.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	4.95	Cu m		
11	6.13	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
	6.13.2	Cement mortar 1:4 (1 cement : 4 coarse sand)	65.5 8	Sq m		
12		6 MM CEMENT PLASTER				
	13.16	6 mm cement plaster of mix :				
	13.16.1	1:3 (1 cement: 3 fine sand)	16.5 5	Sq m		
13		CEMENT PLASTER (IN Fine SAND)				
	13.1	12 mm cement plaster of mix :				
	13.1.1	1:4 (1 cement: 4 coarse sand)	73.5 8	Nos		
14	13.6	20 mm cement plaster of mix :				
	13.6.1	1:4 (1 cement: 4 coarse sand)	50.6 8	Nos		

15	9.121	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness .The laminate shall be moulded with fire resistant grade unsaturated polyester the bottom to steady the frame.covered with fiber glass from all sides. M.S. stay shall be provided atresin and chopped mat . Door frame laminate shall be 2 mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be	29.70	RM		
16	9.122.1	30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames	9.45	Sq m		
17	9.97	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete				
	9.97.4	150x10 mm	6.00	Nos		
18	9.96	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete				
	9.96.2	250x16 mm	6.00	Nos		
19	9.100	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete				
	9.100.1	125 mm	12.0	Nos		

			0			
20	10.16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.				
	10.16.1	Hot finished welded type tubes	93.3 3	Kg		
21	12.8	Providing non-asbestos high impact Polypropylene reinforced cement 6 mm thick corrugated sheets (as per IS: 14871) roofing up to any pitch and fixing with polymer coated J, or L hooks, bolts and nuts 8 mm dia. G.I. plain and bitumen washers or with self drilling fastener and EPDM washers etc. complete (excluding the cost of purlins, rafters and trusses), including cutting sheets to size and shape wherever required.	18.6 1	Sq m		
22	13.37	White washing with lime to give an even shade:				
	13.37.1	New work (three or more coats)	16.5 5	Sq m		
23	13.43	Applying one coat of cement primer of approved brand and manufacture on wall surface :				
	13.43.1	Cement primer.	79.5 5	Sq m		
24	13.41	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade				
	13.41.1	New work (two or more coats) over and including priming coat with cement primer.	28.8 8	Sq m		
25	13.44	Finishing walls with water proofing cement paint of required shade :				
	13.44.1	New work (Two or more coats applied @ 3.84 kg/10 sqm).	50.6 8	Sq m		

26	11.38	Providing and laying ceramic glazed floor tiles 300 x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS:15622 of approved make in all colours ,shades ,except white,Ivory,Grey, Fume red brown laid on 20 mm thick bed of cement mortar 1:4 (1 Cement:4 Coarse sand) including pointing the joints with white cement and matching pigments etc complete	16.5 5	Sq m		
27	11.36	Providing and fixing 1st quality ceramic glazed wall tiles confirming to IS 15622 (thickness to be specified by the manufacturer of approved make in all colours,shades except burgundy,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 cement) and jointing with grey cement slurry @3.3 Kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	44.7 0	Sq m		
28	17.1	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 :				
	17.1.1	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	2.00	Nos		

29	17.3	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I.brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :				
	17.3.1	W.C. pan with ISI marked white solid plastic seat and lid	2.00	Nos		
30	17.7	Providing and fixing washbasin with C.I brackets,15 mm C.P brass pillar taps,32mm C.P brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:				
	17.7.2	White Vitreous China wash basin size 630 x 450 mm with a single 15 mm C.P brass pillar tap	2.00	Nos		
31	17.5	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 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 :				
	17.5.1	Single half stall urinal with 5 litre P.V.C. automatic flushing cistern	1.00	Nos		
32	17.28	Providing and fixing P.V.C waste pipe for sink or wash basin including P.V.C waste fittings complete.				
	17.28.1	Semi rigid pipe				
	17.28.1.1	32 mm dia	2.00	Nos		

33	17.31	Providing and fixing 600 x450 mm bevelled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.p. brass screws and washers complete	2.00	Nos		
34	17.34	Providing and fixing toilet paper holder				
	17.34.1	C.P.brass	2.00	Nos		
35	18.15	Providing and fixing brass bib cock of approved quality				
	18.15.1	15 mm nominal bore	4.00	Nos		
36	18.16	Providing and fixing brass angle cock of approved quality				
	18.16.1	15 mm nominal bore	5.00	Nos		
37	18.21	Providing and fixing unplasticised PVC connection pipe with brass unions				
	18.21.2	45 cm length				
	18.21.2.1	15 mm nominal bore	2.00	Nos		
38	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded step CPVC solvent cement and the cost of cutting chases and making fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one 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.				
	18.8.2	20 mm nominal outer dia Pipes	37.00	RM		
39	18.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge.				
	18.9.3	25 mm nominal outer dia Pipes	50.0	RM		

			0			
40	18.48	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	1000.00	Lit		
41	17.35	Providing and fixing soil, waste and vent pipes				
	17.35.1	100 mm dia				
	17.35.1.2	Centrifugally cast (spun) iron socket & spigot (S&S) pipe as per IS: 3989	10.00	RM		
42	17.35.2	75 mm diameter				
	17.35.2.2	Centrifugally cast (spun) iron socket & spigot (S&S) pipe as per IS: 3989	20.00	Nos		
43	17.6	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors				
	17.60.2	100 mm inlet and 75 mm outlet				
	17.60.2.1	Sand cast iron S&S as per IS - 3989	4.00	Nos		
44	19.1	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine				
	19.1.2	150 mm diameter	20.00	RM		
45	19.2	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design				
	19.2.2	150 mm diameter S.W. pipe	20.00	RM		

46	19.4	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design :				
	19.4.1	100x100 mm size P type				
	19.4.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1.00	Nos		
47	19.7	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size),foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design				
	19.7.1	Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) :	1.00	Nos		
	3	DEVELOPMENT WORKS				
1	2.1	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including disposal of excavated earth upto 50 m and lift upto 1.5 m, disposed soil to be levelled and neatly dressed				
		All kinds of soil	90.90	Sq m		
2	4.1	Providing and laying in position cement concrete of specified gradeexcluding the cost of centering and shuttering - All work up to plinth level				

	4.1.8	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	6.82	Cu m		
3	6.13	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
	6.13.2	Cement mortar 1:4 (1 cement :4 coarse sand)	22.8 0	Sq m		
4	13.6	20 mm cement plaster of mix :				
	13.6.1	1:4 (1 cement: 4 coarse sand)	28.5 0	Nos		
5	16.68	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge	90.9 0	Sq m		
		Total 1+2+3				
		Add 3% Contegensis				
		Grand Total				