

Himachal Pradesh
Public Works Department

No. PW-SD-I-CTR- Tender-NIT/2021-22-

16/11-12

Dated:- 17-11-2021

To

The Executive Engineer (IT Cell)
Nigam Vihar Shimla.

Subject :- Publication of Tender Notice.

Jai Hind

Enclosed please find herewith the tender Notice of work as given in the Notice Inviting tender for uploading on department website as per notification Pr. Secy. (PW) to the Govt. of Himachal Pradesh letter No. PBW (B)A(3)1/2020 dated Shimla-2 the 16th July 2021 as the works mentioned in the tender notice are urgent in nature and in public interest.

DA:- Notice Inviting Tender & Schedule of Quantity and Certificate.

Executive Engineer,
Shimla Division No-I.,
HPPWD Shimla-3.

Copy forwarded to for further necessary action please.

1. The Superintending Engineer 4th Circle HPPWD Shimla .

Executive Engineer,
Shimla Division No-I.,
HPPWD., Shimla-3.

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
NOTICE INVITING TENDERS**

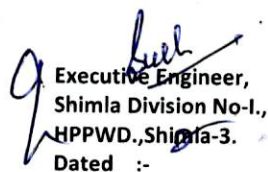
Executive Engineer B&R Division No-I HPPWD Shimla for the following works on behalf of the Government of Himachal Pradesh from the eligible contractors enlisted in HPPWD, so as to reach in the office as per time schedule given below:-

- | | |
|--|---------------------------|
| 5. Date of receipt of application for tender forms:- | 25-11-2021 upto 4:00 PM |
| 6. Dated of Issue /sale of tender forms:- | 26-11-2021 upto 4:00 PM |
| 7. Date of receipt of tender:- | 27-11-2021 up to 10:30 AM |
| 8. Date of opening of tender:- | 27-11-2021 up to 11:00 AM |

Sr. No.	Name of Work	Estimated cost	EMD(Rs.)	Cost of Tender (Rs.)	Time Limit	Eligible class of Contractor
1	A/R & M/O to cottage No.13 at Brock Hurst (SH:- Renovation of toilet and interlocking tiles in approach at Brock Hurst).	129976/-	2600/-	350/-	60 days	Class-D
2	Special repair to Type-VI House at Mehli Kasumpti Shimla (SH:- Repair of toilet kitchen and painting Distempering in set No.9 Type-VI at Mehli Kasumpti Shimla-9).	458004-	9200/-	350/-	60 days	Class-D

It is certified that the above works are required to be carried out immediately being emergent nature of work in public interest. The tender documents shall be issued only to those contractor/Firm who fulfill the following documents with the application.

1. The valid enlistment/Registration of contractor in Appropriate Class.
2. Permanent account No. (PAN NO).
3. G.S.T No.
4. Earnest Money in the shape of National saving certificate/time deposit account in the any of the post office in HP. F.D.R from any Nationalized Bank duly pleaded in favour of the Executive Engineer Shimla Division No-I HPPWD Shimla.
5. The earnest & cost of tender form for the above works should be submitted with the application for the purchase of the tender form . The application received without earnest money & cost of tender form shall summarily be rejected.
6. The officer of the tender shall remain valid up to 75 days after the opening of tender.
7. Ambiguous/telephonic /conditional tenders or tender by fax/E mail shall not be considered and will be summarily be rejected.
8. Executive Engineer reserve the right to reject or cancel any or all tenders without assigning any reasons.
9. If the date given above happens to be holiday the same shall be processed on next working day.
10. The Contractor/firms must quote their rates in words as well as in figures failing which EXN reserve the right to accept/reject any or all tenders.
11. The tender forms shall not be issued to those contractors/firms whose previous performance is not found satisfactory and who have not executed the previous awarded works within the stipulated period of completion.
12. One contractor shall not have more than two major works in hand at a time.
13. Work should be completed by the contractor within stipulated period.


Executive Engineer,
Shimla Division No-I.,
HPPWD., Shimla-3.
Dated :-

No.PW-SD-I/CB-Tender/21-22-

Copy forwarded to :-

1. Copy to the Deputy Commissioner Shimla Distt. Shimla.
2. Copy to the Executive Engineer Shimla Division No-III HPPWD Shimla.
3. Copy to the Sub Divisional Magistrate (U) Shimla.
4. Copy to the Sub Divisional Magistrate (R) Shimla.
5. Copy to Municipal committee Shimla Distt. Shimla.
6. Copy to Block Development officer Mashobra Dsitt. Shimla.
7. All the Assistant Engineers under this Division, HPPWD Shimla-3.
8. Superintendent / HDM /DAO.
9. Notice Board.


Executive Engineer,
Shimla Division No-I.,
HPPWD., Shimla.

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 1,29,976.00	
Name of Work :- A/R & M/O to Cottage No.13 at Brock Hurst (SH: Renovation of Toilet and Interlocking tiles in approach at Brock Hurst)					Earnest Money :- 2,600.00	
					Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Demolition below G.L. upto 1.50Metres depth and disposal of unserviceable materials within all lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Un-reinforced cement concrete upto 15 cm. Thickness	0.22	Cum		Per Cubic Metre	
	(ii) un-reinforced cement concrete more than 15 cm. Thickness.	0.58	Cum		Per Cubic Metre	
2	Demolition of brick work above G.L. upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within 20 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) In cement mortar.	0.14	Cum		Per Cubic Metre	
3	Cutting in earth work in all heights/depthes and inall kinds of soil such as kankar, moorm, shingle & soft rock and hard rock including their intermediate classification and chiselling/ wedging out rock where blasting is prohibited including saturated soiland filling in embankment etc.where necessary and disposal of all excavated un-serviceable materials in all leads and lifts including through Mechanical Transporation the disposal of un-serviceable materials will be done in acquired width of the road or on approved dumping site.Any damage to the private/public property during execution will be restored by the contractor what so ever the nature of the same may be.The serviceable materials will be stacked to specified/dimensions in all leads and lifts as per direction of the Engineer-in-Charge. (Jumper work)	0.29	Cum		Per Cubic Metre	
4	Excavation in earth work etc. in all kinds of soils including spade work, saturated soil, pick work, jumper work, blasting and chiseling/wedging out rock etc. and pumping or bailing out water including dressing of side and beds and stacking of serviceable materials in all leads and disposal of surplus excavated earth in all leads and disposed earth to the leveled and neatly dressed including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(Jumper work)	0.72	Cum		Per Cubic Metre	
5	Brick work using common burnt clay building bricks in foundation and plinth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Cement Mortar 1:4 (one cement:four sand) Second Class Bricks	0.55	Cum		Per Cubic Metre	

6	Half brick masonry in common burnt clay building bricks including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Cement Mortar 1:4(1 cement:4 sand) Second Class Bricks	7.36	Sqm			Per Square Metre
7	Random rubble masonry/polygonal rubble masonry(un-coursed/brought to courses) with hard stone of approved quality in foundation and plinth including leveling up with cement concrete 1:6:12 (One cement:Six sand:twelve graded stone aggregate 20mm (twenty millimetre)nominal size) in cement mortar 1:6 (One cement: Six sand) in breast wall and retaining walls including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.50	Cum			Per Cubic Metre
8	Providing & fixing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a)2nd class Deodar wood.	0.030	Cum			Per Cubic Metre
9	Providing wood work in frames of doors, windows,clerestory, windows and other frames wrought, framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 2nd class Deodar wood.	0.02	Cum			Per Cubic Metre
10	Providing and fixing paneled glazed or paneled and glazed shutters for doors windows and clerestory windows including black enameled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)40mm thick i)2nd Class Deodar Wood.	1.64	Sqm			Per Square Metre
11	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)40mm thick 2nd class deodar wood	0.20	Sqm			Per Square Metre
12	Providing and fixing plain asbestos sheet lining with butt jointing and wood screws (frame work and cover) fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)5 mm thick	1.44	Sqm			Per Square Metre
13	Providing and fixing plain square edged cover fillets (beading) 40mmx12mm section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)1st class deodar wood.	4.80	Rmt			Per Running Metre

14	Providing and fixing anodized aluminum sliding door bolts anodized colour and shade with bolts and nuts screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 250x16mm (two hundred fifty into sixteen millimetre)	1.00	Nos			Each	
15	Providing and fixing aluminum tower bolts(barrel type)anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 150x10mm	2.00	Nos			Each	
16	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125mm	3.00	Nos			Each	
17	Providing and laying cement concrete 1:3:6 (1 cement:3 sand:6 graded stone aggregate 40mm nominal size) excluding cost of centring and shuttering including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i)Foundations and plinth	4.86	Cum			Per Cubic Metre	
18	Providing and laying cement concrete 1:6:12(One cement:Six sand:Twelve graded stone agg.40mm (forty millimetre)nominal size) and curing complete excluding cost of centring and shuttering in foundation and plinth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.14	Cum			Per Cubic Metre	
19	Providing and laying spartic ceramic tiles 5.5mm.thick in flooring (300 x300mm. size)treads of steps laid on a bed of 12mm. thick cement mortar 1:3(1cement: 3 sand) finished with flush pointing in white cement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.44	Sqm			Per Square Metre	
20	White glazed tiles 6 mm thick in skirting risers of steps and dado 12 mm thick cement mortar 1:3 (1 cement :3 sand) and jointed with cement slurry including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.00	Sqm			Per Square Metre	
21	25 mm cement concrete flooring 1:2:4 (1 cement: 2 sand :4 stone aggregate of size 12.5 mm and below) laid over base concrete and finished with a floating coat of neat cement (base concrete to be paid separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.09	Sqm			Per Square Metre	
22	Dismantling roofing including ridges, hips, valleys, gutters etc, stacking the serviceable materials and disposal of un-serviceable materials within 20 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. I)G.I. Sheet roofing.	2.25	Sqm			Per Square Metre	

Providing corrugated G.I. sheet roofing fixed with galvanized iron J or L hooks bolts and nuts 8mm dia meters with bitumen & G.I. limpet washers filed with white lead complete including the cost of purlins, rafters and trusses including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.25	Sqm			Per Square Metre	
0.63mm thick sheet.						
Providing ridges or hips 60 cm over all in plain G.I. sheet with galvanized iron J or L hooks, bolts and nuts 8mm dia G.I. Limpet and bitumen washers complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.50	Rmt			Per Running Metre	
0.63 mm thick sheet						
Steel work welded in built up sections, trusses and framed work including cutting hoisting in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) In beams and channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like.	0.56	Qtls.			Per Quintal	
10mm Cement plaster in single coat on the rough side of brick/ concrete/stone walls for exterior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Cement Mortar 1:4 (1 Cement:4 Sand).	14.72	Sqm			Per Square Metre	
Stempering (two coats) with oil bound washable ditemper of approved brand and manufacture of and of required shade of undecorated wall surfaces to give an even shade and including a priming coat with Alkali-resistance primer of approved brand and manufacture after thoroughly brushing the surface free from mortar dropping and other foreign matter and also including preparing the surface even and sand papered smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.00	Sqm			Per Square Metre	
Finishing wall with weather proof exterior grade emulsion of approved design (peexultima) or its equalised on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	Sqm			Per Square Metre	
Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	Sqm			Per Square Metre	

	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	10.00	Sqm			Per Square Metre	
	b) With enamel paint other than white	10.00	Sqm			Per Square Metre	
	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint	10.00	Sqm			Per Square Metre	
2	Precast chequered tiles hydraulic compressed 20 mm (twenty millimetre) thick plane of specified sizes laid in floors, treads of steps and landings on a bed of 25 mm (twenty five millimetre) average thickness of cement mortar 1:6 (one cement : six sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles (wherever required) including rubbing and polishing complete with tiles of following shades including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Grey.	36.75	Sqm			Per Square Metre	
3	Cement plaster skirting (upto 30 centimetre height) with cement mortar 1:3 (1 cement: 3 sand) finished with a floating coat of neat cement including rounding of junction with floor including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm thick.	15.00	Sqm			Per Square Metre	
4	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) Plain Glass: 4mm thick	1.05	Sqm			Per Square Metre	
5	Disposal of surplus earth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.94	Cum			Per Cubic Metre	
86	Providing and laying heavy duty precast cement concrete inter locking paver blocks vibro compacted upto M- 50 grade i/c border or kurb block grey or coloured over sub-base of concrete with 25mm thick average thickness of cement mortar 1:4 (1 cement : 4 sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks i/c curing rubbing & polishing complete (Sub base concrete floor to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 40mm thick block	45.00	Sqm			Per Square Metre	

37	Providing and fixing vitreous China wash down, water closet squatting pan (Indian type W.C. pan) size 580mm(Five hundred eighty milimetre) (Earth work, bed concrete, foot rest and trap to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Orissa Pattern	1.00	No			Each	
38	Providing and fixing 100 mm size 'P' or 'S' trap for water closet (squatting pan)including jointing the trap with the pan and soil pipe in cement mortar 1:1(1 cement : 1 sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Vitreous China	1.00	Each			Each	
39	Providing and fixing C.P. bib tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm dia	1.00	Each			Each	
40	Providing and fixing PTMT Coloured / white high density polyethylene / poly propylene 10 litres capacity (full flush) European standard control low level flushing cistern with fittings with a pair of brackets with fittings such as lead valve, syphon, 15mm nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and over flow pipe, 40mm dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Each			Each	
41	Providing and fixing C.P. brass angle valve 15mm without Nuts and pipe including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Each			Each	
42	Providing and fixing P.V.C connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 300/450mm length :-(i) 15mm nominal bore	1.00	Each			Each	
43	Providing and fixing G.I./M.I Union of following sizes (where not included in the items) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm	1.00	Each			Each	
44	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110 mm dia. b) 90 mm dia.	2.00	Rmt			Per Running Metre	
		2.00	Rmt			Per Running Metre	

45	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110 mm dia. b) 90 mm dia.	2.00	Nos			Each
46	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 110 mm dia. b) 90 mm dia.	2.00 2.00	Nos Nos			Each Each
47	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110 mm dia. b) 90 mm dia.	2.00 2.00	Nos Nos			Each Each
48	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with common burnt clay building bricks in cement mortar 1:5 (1 cement : 5 sand) C.I. Cover with frame (light duty) 355mm x 610mm internal dimensions total weight of cover with frame to be not less than 38kg (weight of cover 23 kg. and weight of frame 15kg) R.C.C top slab with 1:2:4 mix (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size) foundation concrete 1:5:10 (1cement : 5 sand : 10 graded stone aggregate 40mm nominal size) inside plaster 15mm thick with cement mortar 1:3 (1 cement : 3 sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Inside dimensions 600 mm x 850 mm x 450 mm deep for pipe line with three or more inlets. (With cement concrete cover)	2.00 2.00	Nos Nos			Each Each
49	Providing and laying in trenches, galvanised mild steel tubes (medium grade), tube fittings (earth work in trenches to be measured and paid separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm nominal bore	3.00	Rmt			Per Running Metre
50	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm X 90 mm.	1.00	No			Each

51	Constructing brick masonry in cement Mortar 1:5 (1cement:5sand) road gully chamber 300mmx300mmx450mm including 300mmx300mm C.I. Horizontal grating with frame complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No				Each	
							Total	


 Executive Engineer,
 Shimla Division No.1,
 JHP PWD Shimla-3.

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						
Name of Work :- Special Repair to Type-VI house at Mehli Kasumpti Shimla-9 (SH: Repair of toilet Kitchen and Painting Distempering in set No.9 Type-VI at Mehli Kasumpti Shimla-9)						
Estimated Cost:- 4,58,004.00						
Earnest Money :- 9,200.00						
Time:- 60 Days.						
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Amount
				In figures	In words	
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.80	Cum			Per Cubic Metre
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	31.48	Sqm			Per Square Metre
3	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)Of area 3 sq. metres and below	1.00	No			Each
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	2.30	Cum			Per Cubic Metre
5	Providing and fixing 1st 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, 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 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	44.60	Sqm			Per Square Metre
6	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	17.59	Sqm			Per Square Metre

7	Precast terrazzo chequered tiles 20mm thick without marble chips of specified sizes laid in floors treads of steps and landing on a bed of 25mm average thickness of cement mortars 1:6 (1 cement: 6 sand) jointed with neat cement slurry mixed with pigment to match the shade of tile (wherever required) including rubbing and polishing complete with tiles of following shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Red (NTC)	31.00	Sqm	Per Square Metre
8	Marble work gang saw cut (polished and machine cut) of thickness 18 mm for wall lining (veneer work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement : 3 coarse sand), including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the marble shade (To be secured to the backing by means of cramps, which shall be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble.	1.30	Sqm	Per Square Metre
9	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 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Cement mortar 1:4 (1 cement : 4 coarse sand)	7.10	Sqm	Per Square Metre
10	Providing and fixing 1.50mm (One point five zero milimetre) thick PVC antistatic vinyl Flooring plain or coloured, carbed or mosaic/metalled finish laid with approved adhesive on sub-floor (damp proofing treatment to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	166.51	Sqm	Per Square Metre
11	Providing and fixing non woven carpet (Unitex) of superior quality in all shade and colour of approved sample having 3.8mm (three point eight milimetre) thickness and 900 grams weight per square meter laid on floor with approved adhesive complete in all respect including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	9.29	Sqm	Per Square Metre
12	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 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Electric resistance or induction butt welded tubes	132.17	Kgs	Per Kilogram
13	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	13.20	Sqm	Per Square Metre

14	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.43	Sqm		Per Square Metre
15	Providing and fixing 1.00mm thick coloured or plain lamination sheet (summica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.63	Sqm		Per Square Metre
16	Providing and fixing ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 6mm thick	8.57	Sqm		Per Square Metre
17 (i)	Providing and fixing bright finished Stainless steel handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125mm	18.00	Nos		Each
(ii)	Providing and fixing hadrulic Zero degree S.S. hinges including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.00	Nos		Each
(iii)	Providing and fixing S.S. Grain Basket with bracket approved brand and manufacture (360 x 230mm) make Asian paints & equivalent including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos		Each
(iv)	Providing and fixing S.S. Thali.Plate Basket including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 380x200mm	2.00	Nos		Each
(v)	Providing and fixing S.S. Cuttery Basket approved brand including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) (380x100mm.	1.00	Nos		Each
(vi)	Providing and fixing S.S. Tuff fixed single pullout fixed single. (i) 160x500mm	1.00	No		Each
(vii)	Providing and fixing S.S. Cup & sancer bracket including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 380x100mm	1.00	No		Each
(viii)	Providing and fixing Cilender Trally including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each
18	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	183.10	Sqm		Per Square Metre
19	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacture, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	183.10	Sqm		Per Square Metre
20	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) One or more coats on old work	430.76	Sqm		Per Square Metre

21	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) One or more coats on old work.	220.00	Sqm			Per Square Metre	
22	Providing and fixing tooth brush tumblet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each	
23	Providing and fixing wash basin with C.I. brackets, 15mm 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 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) White vitreous China wash basin size 630x450mm with a pair of 15mm C.P. brass pillar taps.	2.00	Nos			Each	
24	Providing and fixing glass corner including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each	
						Total	


 Executive Engineer,
 Shimla Division No.I,
 HP PWD Shimla-3.