

Himachal Pradesh
Public Works Department

No. PW-SD-I-CTR- Tender-NIT/2021-22-25444-45 Dated:- 23-02-2022

To

The Executive Engineer (IT Cell)
Nigam Vihar Shimla.


Subject :-

Publication of Tender Notice.

Jai Hind

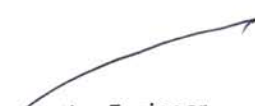
Enclosed please find herewith the tender Notice of work as given in the Notice Inviting tender for uploading on department website as per notification Pr. Secy. (PW) to the Govt. of Himachal Pradesh letter No. PBW (B)A(3)1/2020 dated Shimla-2 the 16th July 2021 as the works mentioned in the tender notice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

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


Executive Engineer,
Shimla Division No-1.,
HPPWD., Shimla-3.

Copy forwarded to for further necessary action please.

1. The Superintending Engineer 4th Circle HPPWD Shimla .


Executive Engineer,
Shimla Division No-1.,
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:-


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|--|---------------------------|
| 1. Date of receipt of application for tender forms:- | 02-03-2022 upto 4:00 PM |
| 2. Dated of Issue /sale of tender forms:- | 03-03-2022 upto 4:00 PM |
| 3. Date of receipt of tender:- | 04-03-2022.up to 10:30 AM |
| 4. Date of opening of tender:- | 04-03-2022 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 various residence quarter at Brock Hurst Kasumpti Shimla-9 (SH;- Repair of Corrugated G.S. Sheet roofing work in cottage No.3 at Brock Hurst Kasumpti Shimla-3).	82250/-	1700/-	350/-	30 days	Class-D
2	A/R & M/O to Below pine set No.2 and House No.4 at Brock Hurst Shimla-2 (SH;- Aluminum Glazing work in Balcony of Below pine -2 and House No.4 at Brock Hurst Shimla-2).	396675/-	8000/-	350/-	60 days	Class-D
3	A/R & M/O to various residential qtrs type-I to VI at Kasumpti Shimla-9 (SH;- Providing and laying PVC flooring , woven carpet and non woven parapet in type-VI set No.1 kasumpti Shimla-9).	98503/-	2000/-	350/-	30 days	Class-D
4	A/R & M/O to type-VI set No.18 at Kasumpti Shimla-9 (SH;- P/F of curtain in type-VI set NO.18 at Kasumpti Shimla-9).	129000/-	2600/-	350/-	30 days	Class-D
5	Special repair to type-vi Qtrs at Mehli Kasumpti Shimla (SH;- Repair of toilet in set No.18 type-VI at Mehli Kasumpti Shimla-9)	363668/-	7300/-	350/-	60 days	Class-D
6	A/R & M/O to various residence quarter at Brock Hurst Shimla-2 (SH;- Renovation of toilet , bath kitchen and minor repair work in type-III set No.27 at Brock Hurst Kasumpti Shimla-9).	232471/-	4700/-	350/-	60 days	Class-D
7	Construction of parking at SDA complex ,Kasumpti Shimla-9 (SH;- Geological investigation of soil/strata (Under Smart city Mission).	288000/-	6000/-	350/-	60 days	Class-D
8	A/R & M/O to various GAD qtrs at Kasumpti Shimla-9 (SH;- providing and fixing cup board in type-III set No.6,4 and type-IV set No.62 and P/F shutters in various sets under parimahal section).	144089/-	2900/-	350/-	30 days	Class-D
9	Special repair of I.T Bhawan at Mehli Kasumpti Shimla (SH;- Providing Brick Gulzarbadi in roof addition room and extended of Balcony at 2 nd floor I.T Bhawan Mehli Kasumpti Shimla-9)	324140/-	6500/-	350/-	60 days	Class-D
10	Improvement and widening of Chotta Shimla to Panthaghatti road (SH;- Refixing of road side railing in Brock Hurst to vikas Nagar road at RD. 0/20 to 0/100).	498140/-	10000/-	350/-	60 days	Class-D
11	A/R & M/O to various type-III & Type-IV GAD Residential Quarters at parimahal ,Kasumpti Shimla-9 (SH;- Providing and fixing in and verified tiles in dinning hall, P/F Shutters, accessories etc in type-III set NO.39)(Under Parimahal section).	99920/-	2000/-	350/-	30 days	Class-D
12	A/R & M/O to type-VI Qtrs at Mehli Kasumpti Shimla (SH;- Providing and fixing jafri and polycarbonate sheet in type set No.18 at Mehli Shimla-9).	196880/-	4000/-	350/-	30 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.

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No.1, H P P W D , SHIMLA-3						Estimated Cost: 82 250 00	
Name of Work : -A/R & M/O various residence quarter at Brock Hurst Kasumpti Shimla-9 (SH:Repair of						Earnest Money - 1,700 00	
Corrugated G.S. sheet roofing work in cottage no.3 at Brock Hurst Kasumpti Shimla-9)						Time:- 30 Days	
Sr. No	Description of Work / Item (S)	No of Qty		Estimated Rate		Unit	Amount
				In figures	In words		
1	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within all leads including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) CGI Sheet	70.00	Sqm			Per Square Metre	
2	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 0.63 mm thick with zinc coating not less than 275 gm / m ²	70.00	Sqm			Per Square Metre	
						Total	

Executive Engineer,
 Shimla Division No.1,
 H P P W D Shimla-3.

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA, DIVISION No-1, H.P.P.W.D., SHIMLA-3.

Name of Work :- A/R & M/O to Below Pine set No.2 and House No.4 at Brock Hurst Shimla-2 (SH:

Aluminum Glazing work in Balcony of Below Pine-2 and House No.4 at Brock Hurst Shimla-2).

Estimated Cost:- 3,96,675.00

Earnest Money :- 8,000.00

Time:- 60 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate	Unit	Amount	In figures	
						In words	
1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitered and jointed mechanically wherever required including clear angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) (i) Powder coated aluminium (minimum thickness of powder coating 50 micron)	474.12	Kgs.	Kilogram			
1.1	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Powder coated aluminium (minimum thickness of powder coating 50 micron)	62.19	Kgs.	Kilogram			
2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item). (a) With Reflective toughened glass panes of 5mm thickness (weight not less than 12.50 kg/sqm) (b) With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm)	24.00	Sqm	Per Square Metre			
3	Providing and fixing aluminium casement window fastener of required length for aluminium windows with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Anodized (AC 15) aluminium	10.00	Nos	Each			
4	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in-charge. (i) Anodized (AC 15) aluminium	24.00	Nos	Each			

5	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment)	1.30	Kgs.	6.00	Rmt				
6	Filling the gap in between aluminium/ stone/ wood frame and adjacent RCC/Brick/ Stone/ wood/ Ceramic/ Gypsum work by providing weather/structural non sag elastomeric PU sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete, complying to ASTM C920, DIN 18540-F & ISO 11600.(1) upto 10 mm depth and 10 mm width	6.00	Rmt						
7	Providing and fixing ACP sheet in aluminium door, window, ventilator shutters and partition etc. complete (cost of aluminium snap beading shall be paid in basic item) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	18.00	Sqm						
8	Providing and fixing G.I. wire mesh 85G or 0.56 dia wire in aluminium window, ventilator shutters etc. with PVC/neoprens gasket etc. complete as per architectural drawings and the direction of the Engineer-in-charge(cost of aluminium snap beading shall be paid in basic item).	2.88	Sqm						
9	Providing and fixing aluminium 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	24.00	Nos						
10	Providing and fixing polycarbonated transparent sheet 1.5mm thick in roofing with galvanised J or L hooks bolts and nuts with G.I. Impet and bitumen rubber washer complete with all accessories as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	10.69	Sqm						
11	Providing and fixing aluminium eyehook 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.	6.00	Nos						
									Total

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.

Estimated Cost:- 98,503.00

Name of Work :- A/R & M/O to various residential qtrs. Type-I to VI at Kasumpti Shimla-9 (SH: Providing and laying PVC flooring, wooven carpet and non wooven parapet in type-VI set No.1 Kasumpti Shimla-9).

Earnest Money :- 2,000.00

Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing 1.5mm 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. MAKE LG	49.70			Per Square Metre	
2	Providing and fixing of wilton wooven carpet 100% dyed, synthetic carpet of 2400 gms/sqm is Pile height, 3000 gm/sqm total weight, Pile height 10mm of approved design and shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	12.00			Per Square Metre	
3	Providing and fixing of non wooven carpet of superior quality in all shade and colour of approved sample having 3.8mm thickness and of 900gms/sqm of approved design and shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.60			Per Square Metre	
					Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.

Name of Work :- A/R & M/O to Type-VI set No.18 at Kasumpti Shimla-9 (SH: P/F of curtain in Type -VI set


No.18 at Kasumpti Shimla-9).

Estimated Cost:- 1,29,000.00

Earnest Money :- 2,600.00

Time:- One month

Sr. No	Description of Work / Item (S)	No. of Qty.	Nos	Estimated Rate		Unit	Amount	
				In figures	In words			
1	Supplying and fixing Ready made curtain make D-Décor of superior quality with length 2.15 to 2.60 mtr. of approved design end shades complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	30.00	Nos			Each		
2	Supplying and fixing of curtain cloth of superior quality with satin lining of specified width and length 2.15 to 2.60 mtr. of approved design and shade including stitching with curtain tape etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	30.00	Nos			Each		
Total								


 Executive Engineer,
 Shimla Division No.1,
 H.P. PWD Shimla-3.

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.W.D., SHIMLA-3.

Name of Work :- Special repair to Type-VI Qtrs. at Mehli Kasumpti Shimla-9),(Sanction work)

Estimated Cost:- 3,63,668.00

Earnest Money :- 7,300.00

Time:- 60 Days.

Sr. No	Description of Work / Item (S)	No. of Qty	Estimated Rate	In figures		Amount
				In words	Unit	
1	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of: including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (1)G.S. Sheet	7.35	Sqm	Per	Square	Metre
2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5(seven point five) in superstructure above plinth level up to floor V level in all shapes and sizes in (1) Cement mortar 1:4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	4.91	Cum	Per	Cubic	Metre
3	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.(a) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size	0.32	Cum	Per	Cubic	Metre
4	Providing and laying Kayaria Eternity ceramic tiles in grey/coloured or required shade in skirting risers of steps and dados on 12mm thick cement mortar 1:3 (1 cement:3 sand)laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete shade No.17007 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	14.85	Sqm	Per	Square	Metre
5	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours 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 grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	3.20	Sqm	Per	Square	Metre
6	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.	0.108	Cum	Per	Cubic	Metre
7	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled 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 (1)2nd class deodar wood.	3.90	Sqm	Per	Square	Metre

8	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)	Nos	2.00	Each
9	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) 200x10mm	Nos	4.00	Each
10	Providing and fixing stainless steel (S.S.) handles approved quality etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i)	Nos	5.00	Each
11	15mm Cement plaster in single coat on the rough side of brick/ concrete/stone walls for interior (125mm)	Sqm	19.44	Per Square Metre
12	15mm cement plaster in single coat on fair side of brick/concrete/stone walls for interior plastering upto floor two level including artises, 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 1:6 (1 Cement:6 Sand)	Sqm	19.44	Per Square Metre
13	Providing and fixing aluminum work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including clear angle, Aluminium snap beading for glazing/ paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) (i) Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	Kgs.	149.29	Per Kilogram
14	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item):(i) With float glass panes of 8 mm thickness (weight not less than 20 kg/ sqm) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	Sqm	7.26	Per Square Metre
15	Providing and fixing to wall ceiling and floor galvanized mild steel tubes (medium grade) tube fittings and clamps including making good the wall ceiling and floor including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm(fifteen millimetre) nominal bore.	Rmt	10.00	Per Running Metre

16	Providing and fixing PVC floor trap of self cleaning design with sand cast iron screwed down wall and floors including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 75mm nominal diameter.	2.00	Nos	Each	
17	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI 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.	6.00	Rmt	Per Running Metre	
18	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 (one hundred ten millimetre) mm dia	2.00	Nos	Each	
19	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 (one hundred ten millimetre) mm dia	2.00	Nos	Each	
20	Providing and fixing C.P. brass waste for wash basin or sink including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 32 mm (thirty two millimetre) dia	1.00	No	Each	
21	Providing & fixing 32 mm (thirty two millimetre) dia, PVC waste pipe for wash basin or sink including check nut including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No	Each	
22	Providing and fixing 100mm C.P. grating for gully, floor or Nahni trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos	Each	
23	Providing and fixing PVC connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 450mm length (i) 15mm nominal bore.	4.00	Nos	Each	
24	Providing and fixing Table top wash basin Model cat No. Duravit Foster Wash Basin starwhite including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No	Each	
25	Providing and fixing vitreous china wash down water closet (European type W.C. pan) with integral P or S trap including jointing the trap with soil pipe in cement mortar 1:1 (One cement:one sand) (seal and cover to be measured and paid for separately) including carriage of Duravit model- Durasyte 255209 with soft close seat cover and all.	1.00	No	Each	
26	Providing and fixing concealed cistern with plate complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make Grohe framed concealed cistern.	1.00	No	Each	

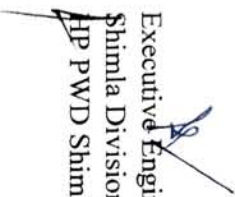
16	Providing and fixing PVC floor trap of self cleaning design with sand cast iron screwed down or hinged grating without vent arm complete including cost of cutting and making goods the wall and floors including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 75mm nominal diameter.	2.00	Nos	Each	
17	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.	6.00	Rmt	Per Running Metre	
18	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 (one hundred ten millimetre) mm dia	2.00	Nos	Each	
19	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 (one hundred ten millimetre) mm dia	2.00	Nos	Each	
20	Providing and fixing C.P. brass waste for wash basin or sink including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 32 mm(thirty two millimetre) dia	1.00	No	Each	
21	Providing & fixing 32 mm (thirty two millimetre) dia. PVC waste pipe for wash basin or sink including check nut including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No	Each	
22	Providing and fixing 100mm C.P. grating for gully, floor or Nahni trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos	Each	
23	Providing and fixing PVC connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 450mm length (i) 15mm nominal bore.	4.00	Nos	Each	
24	Providing and fixing Table top wash basin Model cat No. Duravit Foster Wash Basin starwhite including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No	Each	
25	Providing and fixing vitreous china wash down water closet (European type W.C. pan) with integral P or S trap including jointing the trap with soil pipe in cement mortar 1:1 (One cement:one sand) (seat and cover to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Wall hung seat Duravit model- Durastyle 255209 with soft close seat cover and all.	1.00	No	Each	
26	Providing and fixing concealed cistern with plate complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make Grohe framed concealed cistern.	1.00	No	Each	

27	Providing and fixing upper single lever concealed diverter high flow and regular flow 40mm (push type) ALDV110 and single lever concealed diverter body high flow (push type) B2DV202 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	No	1.00	Each		
28	Providing and fixing Bath tub spout including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess cat No. AISP 101.	No	1.00	Each		
29	Providing and fixing over head rain shower including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make ESSESS catg No RF-206 RFS Square.	No	1.00	Each		
30	Providing and fixing shower arm including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess cat No. SH-108N	No	1.00	Each		
31	Providing and fixing Health faucet with pipe and hook including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess cat No. C-232N Pura NXT HF with rub it clean feature.	No	1.00	Each		
32	Providing and fixing Bib cock 2 in 1 (Foam Flow) with wall flange including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess cat ALBC102.	No	1.00	Each		
33	Providing and fixing Angle cock with wall flange including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess cat ALAC101.	Nos	4.00	Each		
34	Providing and fixing C.P. Brass towel bracket complete fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make ESSESS cat No. AC-101	No	1.00	Each		
35	Providing and fixing C.P. Brass towel ring complete fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess cat No. AC-102.	No	1.00	Each		
36	Providing and fixing Chromium plated brass soap dish with C.P. brass brackets fixed to wooden plug with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess cat No. AC-103	No	1.00	Each		

37	Providing and fixing Paper Holder complete fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. make essss cat No.AC-106	1.00	No	Each	Each
38	Providing and fixing concealed upper including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.Make essss cat No.ALCC101U.	1.00	No	Each	Each
39	Providing and fixing basin mixer with 450mm long flexible hose complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.ALBM 102	1.00	No	Each	Each
40	Providing and fixing Viking Class corner complete fixed to wooden plugs with C.P. brass including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.make Viking.	1.00	No	Each	Each
41	Providing and fixing Hydraulic door closer with nuts and screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No	Each	Each
42	Providing and fixing moulded triangle edged cover fillers (corner)40mmx20mm section with wood screws in ceiling and lining including mtrng at junctions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 1st class kail wood	4.00	Rmt	Per Running Metre	Per Running Metre
43	Providing and fixing G.I. pipe line, cutting and threading the pipe and making long screws, including excavation, refilling the earth or cutting or wall and making good the same complete whereever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 15mm nominal bore.	2.00	Nos	Each	Each
44	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 15mm nominal bore.	1.00	No	Each	Each
45	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.	5.04	Sqm	Per Square Metre	Per Square Metre
46	Providing and fixing ply wood lining with butt jointing and nails (frame work and cover fillers to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	0.84	Sqm	Per Square Metre	Per Square Metre
47	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.	0.84	Sqm	Per Square Metre	Per Square Metre

48	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	Nos	6.00		Each
49	Providing and fixing square edges cover fillers (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood	Rmt	20.00		Per Running Metre
50	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.	Sqm	3.36		Per Square Metre
51	Providing and fixing granite top designer ventily for wash basin with full cover including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (1)48"x24".	No	1.00		Each
52	Providing flushing 38cm. overall in plain G.I. sheet fixed with galvanised iron. J or L hooks, bolts and nuts, G.I. limpet washer and bitumen washers complete bent to shape and fixed in walls with cement mortar 1:3 (1 cement : 3 sand) including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	Rmt	6.00		Per Running Metre
53	Finishing wall with weather proof exterior grade emulsion of approved design (Apxulitima) or its equivalent on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly leaning 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.	Sqm	50.00		Per Square Metre
54	Applying priming coat on new concrete/masonry/asbestos cement/plastered surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter and sand papering as required with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (1) Ready mixed primer	Sqm.	50.00		Per Square Metre
55	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Ready mixed paint brushing wood primer pink.	Sqm	50.00		Per Square Metre
56	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	Sqm	50.00		Per Square Metre

57	Painting two coats (excluding priming coat) on new steel and other metal surfaces with enamel paint, brush in to give an even shade i/c cleaning the surface of all dirt, dust and other foreign matters including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Enamel paint other than white.	50.00	Sqm				Per Square Metre	
58	Providing and fixing 5mm looking mirror with 9mm thick back ply, Decorative molding complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Sqm				Per Square Metre	
							Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.

Name of Work :- A/R & M/O to various residential quarter at Brock Hurst Shimla-2 (SH:Renovation of

Toilet, Bath, Kitchen and minor repair work in Type-III set No.27 at Brock Hurst Kasumpti Shimla-9).

Estimated Cost:- 2,32,471.00

Earnest Money :- 4,700.00

Time:- 60 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate	Unit	Amount
1	Dismantling tiled floors laid in mortar upto all floor level including stacking of serviceable materials and disposal of un-serviceable materials with (Twenty metres)lead (wooden/concrete joists to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) For thickness of tiles upto 25mm(Twenty millimetre)	33.82	Sqm	Square Metre	
2	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.(i) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	0.43	Cum	Cubic Metre	
3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of un-serviceable material within 50 metres lead as per direction of Engineer - in-Charge.	0.07	Cum	Cubic Metre	
4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of un-serviceable material within 50 metres lead as per direction of Engineer-in-Charge. (i) In cement mortar.	0.07	Cum	Cubic Metre	
5	Taking out doors, windows and clerestory window shutters (steel or wood) including 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	2.00	Nos	Each	
6	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.50	Sqm	Square Metre	
7	Disposal of building rubbish / malba / similar un-serviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	1.69	Cum	Cubic Metre	
8	Half brick masonry with non modular fly ash bricks of class designation 10, conforming to IS : 12894, in super structure above plinth and upto floor V level. (i) Cement mortar 1 : 4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.36	Sqm	Square Metre	

9	Per Cubic Metre		0.05	Cum	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5(seven point five) in superstructure above plinth level up to floor 'V' level in all shapes and sizes in (i) Cement mortar 1:4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.
10	Per Square Metre		28.93	Sqm	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm(twelve millimetre) thick bed of cement mortar 1:3 (One cement: three coarse sand) and jointed with grey cement slurry @ 3.3 kg/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. (i) 8 mm(eight millimetre) thick
11	Per Square Metre		8.47	Sqm	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm(three hundred into three hundred millimetre) or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm (twenty millimetre)thick cement mortar 1:4 (one Cement: four Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.
12	Per Square Metre		11.88	Sqm	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 (twenty millimetre) thick cement mortar 1:4 (One cement : four coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Size of tile 600x600mm (six hundred into six hundred millimetre)
13	Per Running Metre		12.00	Rmt	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (medium grade) tube fittings and clamps making good the wall ceiling and floor including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm(fifteen millimetre) nominal bore.
14	Per Square Metre		1.44	Sqm	Centering and shuttering including strutting, propping etc. and removal of form for : including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.(i)Shelves (Cast in situ)
15	Per Kilo- gram		11.09	Kg.	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in leads and lifts as per directions of the Engineer-in-charge. (i) Mild steel and Medium Tensile steel bars

16	Per Cubic Metre	0.10	Cum	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 above plinth level up to floor five level, excluding the cost of centring, shuttering, finishing and reinforcement with 1:1.5:3 (One cement : One part five coarse sand) : three raded stone aggregate 20 mm (twenty millimetre) nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.
17	Per Cubic Metre	0.02	Cum	Providing woodwork in frames of doors, windows, clerestorey, windows and other frames wrought, framed and fixed in position, 2nd class decodar wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.
18	Per Square Metre	2.70	Sqm	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestorey windows, including black enamelled iron butt hinges with necessary screws, 40mm (forty millimetre) thick, 2nd class Decodar wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.
19	Per Square Metre	0.53	Sqm	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of 1.S. gauge designation 85 G. with wire of dia 0.56 mm (zero point five six millimetre) for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws, 40 mm (forty millimetre) thick (i) 2nd class decodar wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.
20	Per Square Metre	10.00	Sqm	Applying priming coat over new wood and wood based surfaces after and /i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (a) Ready mixed paint brushing wood primer pink.
21	Per Square Metre	10.00	Sqm	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stoping including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (a) With white enamel paint.
22	Each	4.00	Nos	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
23	Each	2.00	Nos	Providing and fixing anodized aluminium 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)

24	Providing and fixing aluminum tower bolts(barrel type)and/or 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) 200x10mm	Nos	2.00		Each
25	Providing and fixing bright finished or/and black enamelled iron (Helical door spring 150mm(One hundred fifty millimetre)) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	Nos	2.00		Each
26	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (1) 100mm	Nos	5.00		Each
27	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.	Sqm	4.80		Per Square Metre
28	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. (a) 6mm thick.	Sqm	39.20		Per Square Metre
29	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.	Sqm	7.20		Per Square Metre
30	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	Nos	5.00		Each
31	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood	Rmt	10.00		Per Running Metre
32	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) 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.	Sqm	10.80		Per Square Metre
33	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. (1) 110 mm X 90 mm.	Nos	3.00		Each

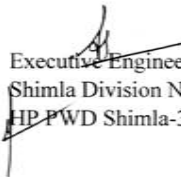
34	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 10 mm dia.	Rmt	6.00		Per Running Metre
35	Providing 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.	Nos	2.00		Each
36	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) 10 mm (one hundred ten millimetre) dia	Nos	2.00		Each
37	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.	Sqm	100.00		Per Square Metre
38	Extra over item No.37 for every subsequent coat of paint on previously painted wood and wood based surfaces with enamel paint brushing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	Sqm.	50.00		Per Square Metre
39	Painting one coat (excluding priming coat) on previously painted steel and othermetal 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	Sqm	50.00		Per Square Metre
40	Extra over item No. 39 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint	Sqm	5.00		Per Square Metre
41	Distemping with oil bound washable distemper of approved brand and manufature to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (1) Old work (one or more coats)	Sqm	200.00		Per Square Metre

42	Per Square Metre	200.00	Sqm	complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papring and preparing the surface smooth including necessary repairs to scratches etc.
43	Per Square Metre	1.44	Sqm	Providing and laying marble work (Table rubbed and polished) in flooring 20mm thick base in cement mortar 1:2(1 cement:2sand) including jointing with cement mortar 1:2(1 cement:2 marble dust) with an admixture of pigment to match the shade of the marble. 20mm thick white green marble including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	
44	Each	1.00	Nos	basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Flat back :- (i) 550 X 400 mm (five hundred fifty into four hundred millimetre)	
45	Each	1.00	No	Providing and fixing stainless steel kitchen sink of approved standard ISI make with drain board and C.P. waste with C.I. or M.S. Brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)610 x 510 mm (six hundred ten into five hundred ten millimetre) with bowl depth 200 mm(two hundred millimetre).	
46	Each	1.00	No	Providing and fixing C.P. brass waste for wash basin or sink including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)32 mm(thirty two millimetre) dia	
47	Each	1.00	No	Providing & fixing 32 mm (thirty two millimetre) dia, PVC waste pipe for wash basin or sink including check nut including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	
48	Each	4.00	Nos	Providing and fixing 100mm C.P. grating for gully, floor or Nahni trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	
49	Each	1.00	Nos	Providing and fixing looking mirror of superior glass with plastic frame including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	
50	Each	2.00	Nos	Providing and fixing C.P. Brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 600mm x 20mm	
51	Each	2.00	Nos	Providing and fixing Acrylic shelf with C.P. brass bracket and guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	

52	Providing and fixing C.P. Brass bib tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (1) 15mm dia	Nos	3.00		Each
53	Providing and fixing C.P Brass pillar tap with Capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(1)15mm dia	No	1.00		Each
54	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.	Nos	4.00		Each
55	Providing and fixing PVC connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 450mm length (1) 15mm nominal bore.	Nos	4.00		Each
56	Providing and fixing wall mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	No	1.00		Each
57	Providing and fixing wash basin mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	No	1.00		Each
58	Providing and fixing sink mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	No	1.00		Each
59	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.	No	1.00		Each
60	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closets with C.P. Brass hinges and rubber buffers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. 1 SOLID TYPE (a) White plastic seat and cover.	No	1.00		Each
61	Providing and fixing vitreous china wash down water closet (European type W.C. pan) with integral P or S strap including jointing the trap with soil pipe in cement mortar 1:1 (One cement:one sand) (seat and cover 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) Ordinary closet	No	1.00		Each

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 2,88,000.00		
NAME OF WORK:Construction of parking at SDA complex, Kasumpti, Shimla-171009 (SH: Geological investigation of soil/strata) (under Smart City Mission).					Earnest Money :- 6,000.00		
					Time:- 30 Days		
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Sub soil investigation in all type of soil/strata by drilling bore holes of NX size 975 milimeter diameter) ranging fro, 10 metre ior above in depth for investigating of soil/ rock conditions at site of work including mobilization and de-mobilization for drilling, shifting of machinery to bore site, making plateform and water arrangement for drilling. The scope of work includes collection of distrubed and undisturbed core samples, plugging of bore holes preservation of core including relevant fields and laboratory tests and submission of geological report of complex site of work including carriage of materials with in all leads and lifts and as per directions of the Engineer-in-	40.00	Rmt			Per Running Metre	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.

Estimated Cost:- 1,44,089.00

Name of Work :- A/R & M/O to various GAD Qtrs. at Kasumpti Shimla-9/SH: Providing and fixing Cup board in Type-III set No.6,4 and Type-IV set No.62 and P/F shutters in various sets under Parimahal Section).

Earnest Money :- 2,900.00
Time:- One month

Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	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.	35.70			Per Square Metre	
2	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.	16.06			Per Square Metre	
3	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) 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.	22.00			Per Square Metre	
4	Providing and fixing ply wood lining with but 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. (a) 6mm thick.	18.06			Per Square Metre	
5	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Deodar wood	84.00			Per Running Metre	
6	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	51.00			Each	
7	Providing and fixing aluminium handles anodized transparent or dyed to required colour and shade with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 100mm	51.00			Each	

8	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled 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.	3.00	Sqm			Per Square Metre
9	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 clerestory 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.	1.50	Sqm			Per Square Metre
10	Providing and fixing aluminium tower bolts (berrel 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. (i) 200x10mm	5.00	Nos			Each
11	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) 125 mm	5.00	Nos			Each
12	Providing and fixing bright finished hard drawn hooks and eyes including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 200mm	10.00	Nos			Each
13	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.	80.80	Sqm.			Per Square Metre
14	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Ready mixed paint brushing wood primer pink.	80.80	Sqm			Per Square Metre
15	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	80.80	Sqm			Per Square Metre

16	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.	0.02	Cum					Per Cubic Metre	
								Total	

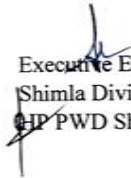
Executive Engineer,
Shimla Division No.1,
HP PWD Shimla-3.

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 3,24,140.00		
Name of Work :- Special Repair of I.T. Bhawan at Mehli Kasumpti Shimla (SH: Providing Brick Gulzarbandi in roof addition room and extended of Balcony at 2nd floor I.T. Bhawan Mehli Kasumpti Shimla-9). (Deposit)					Earnest Money :- 6,500.00		
					Time:- 60 Days.		
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) G.S. Sheet	3.00	Sqm			Per Square Metre	
2	Half brick masonry with non modular fly ash bricks of class designation 10, conforming to IS :12894, in super structure above plinth and upto 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)	98.88	Sqm			Per Square Metre	
3	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Kiln seasoned and chemically treated hollock wood	0.146	Cum			Per Cubic Metre	
4	Providing and fixing ply wood lining with but 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. (a) 6mm thick.	51.33	Sqm			Per Square Metre	
5	Providing and fixing plain lining with tongued and grooved jointing and screws (frame work and cover fillets to be measured and paid for separately with First Class imported Rai (Sprush) wood readymade strips/Plank including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 12mm thick.	51.33	Sqm			Per Square Metre	
6	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing 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 gratings, framed guards bars ladders, railing, brackets and similar	179.88	Per Kg.			Per Kilo-gram.	
7	15mm cement plaster on rough side of single or half brick wall of mix including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Cement Mortar 1:4(1cement:4 coarse sand)	98.88	Sqm			Per Square Metre	
8	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.	20.00	Sqm			Per Square Metre	

9	Polishing two coats with malamine polish of required shade on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	51.33	Sqm			Per Square Metre
10	Providing and fixing polycarbonated transparent sheet 2mm thick in roofing with galvanised J or L hooks bolts and nuts with G.I. limpet and bitumen rubber washer complete with all accessories as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.77	Sqm.			Per Square Metre
11	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.	25.78	Sqm			Per Square Metre
12	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.	6.70	Sqm			Per Square Metre
13	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) 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.	6.70	Sqm			Per Square Metre
14	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	9.05	Sqm			Per Square Metre
15	Providing and fixing 2nd class teak wood lipping/ moulded beading or taj beading of size 18X5 mm fixed with wooden adhesive of approved quality and screws/nails on the edges of the Pre-laminated particle board as per direction of Engineer-in-charge.	50.00	Rmt			Per Running Metre
16	Providing and fixing wooden moulded corner beading of triangular shape to the junction of panelling etc. with iron screws, plugs and priming coat on unexposed surface etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)2nd class teak wood.(i)50x50 mm (base and height	16.40	Rmt			Per Running Metre

17	Painting two coats(excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt,dust and other foreign matter,sand papering & stoping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)With enamel paint other than white	67.31	Sqm				Per Square Metre	
							Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.

Estimated Cost:- 4,98,140.00

Name of Work :- Improvement and widening of Chotta Shimla to Panthaghatti road (SH: Refixing of Road side railing in Brock Hurst to Vikas Nagar road at RD. 0/20 to 0/100)

Earnest Money :- 10,000.00

Sr. No

Time:- Two months

Sr. No	Description of Work / Item (S)	No. of Qty.	Unit	Estimated Rate		Amount
				In figures	In words	
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within all leads including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Nominal concrete 1:3:6(One cement :three sand: six graded stone aggregate) (one or richer mix (i/c equivalent design mix).	8.64	Cum			
2	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)	16.50	Cum			
3	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing 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 gratings, framed guards bars ladders, railing, brackets and similar work. (i) (Through rate)	279.40	Kgs			
	(ii) (Labour rate)	500.00	Kgs			
4	Dismantling steel work in single sections including distempering and stacking with 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Channels, angles, . tees and flats	50.00	Kg.			
5	Painting two coats (excluding priming coat) on new steel and other metal surfaces with enamel paint, brush in to give an even shade i/c cleaning the surface of all dirt, dust and other foreign matters including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Enamel paint other than white.	50.00	Sqm.			
6	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including carriage of materials HPPWD store Bemloe to Brock Hurst (Labour rate)	9680.00	Kg.			

ESTIMATED COST:Rs 99,920/-only

EARNEST MONEY:Rs 2,000/-only.

TIME ALLOWED: One month

NAME OF WORK: A/R & M/O to Various Type-III & Type-IV GAD Residential quarters at Parimahahal, Kasumpti Shimla-9 (SH:-

Providing and fixing in oomss and vetrified tiles in dining hall, P/F Shutters, accessories etc in Type-III Set No. 39) (Under

Parimahahal Section)

Sr. No.	Description	Qty.	Rates in			Unit	Amount
			Fig	Words			
1	Demolishing Cement concrete means including disposal of materials with in all leads and lift and as per the direction of Engineer-in-charge (i) Nominal mix 1:3:6 or richer mix including equivalent design mix complete.	0.81	Cum		Per Cubic Metre	6	7
2	Dismantling doors, windows and clerestory windows, ventilators etc. (wood or steel) shutters including chowkhat, architraves, hold fasts and other attachments etc. complete and stacking them within 20 metres lead	1.00	No.		Each		
3	a) Not exceeding 3 sq. m in area Providing and laying cement concrete 1:2:4 (Cement:Sand:Agg. Stone) 20mm nominal size) in retaining walls, Walls (any thickness) and curing complete including cost of form work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.50	Cum		Per Cubic Metre		
4	Providing and fixing panelled or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 40mm thick (a) 2nd class decidar wood	3.31	Sqm		Per Square Metre		
5	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws. (i) 40 mm thick including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 2nd class decidar wood.	3.31	Sqm		Per Square Metre		
6	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 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 150x10mm (iii) 200x10 mm	12.00	Nos.		Each		
		4.00	Nos		Each		

SCHEDULE OF QUANTITIES

7	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 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	8.00	Nos		Each
8	Providing and fixing bright finished brass hard drawn hooks and eyes (i) 200 mm	3.00	Nos.		Each
9	Providing and fixing 1.5mm thick pvc/rubber tiles flooring, plain coloured, coated or mosaic or matted finish, laid with approved adhesive on sub floor (damp proof treatment to be measured and paid for separately) upto all floor level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. MAKE L.G.	33.80	Sqm		Per Square Metre
10	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by manufacture) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4 (one cement four sand) jointing with grey cement slurry @ 3.3 Kg/Sqm including grouting the joints with white cement and matching pigments etc. complete (i) size of tile 600x600 mm, including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	20.16	Sqm		Sqm
11	Providing and fixing vitreous China wash down water closet (European type, W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1 sand) (Seat and over 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	No		Each
11	Providing and fixing 15mm mixer for kitchen sink with top / bottom swinging of the Engineer-in-Charge	1.00	Nos.		Each
13	Providing and fixing Vitreous china pedestal for wash basin completely recessed at the back reception of pipes and fittings including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Nos.		Per Square Metre
					Total

Executive Engineer,
Shimla Division No.1,
HP PWD SHIMLA-3

ESTIMATED COST: Rs. 198880/-only
 EARNEST MONEY: Rs 4,000/-only
 TIME ALLOWED : one months

NAME OF WORK: A/R & M/O to type VI Qtrs at Mehli Kasumpti Shimla (SH: Providing and fixing jafri and polycarbonate sheet in type set No. 18 at Mehli Shimla-9)		Description		Qty.	Rates in			Unit	Amount
Sr. No.	1	2	3	4	5	6	7	8	Words
									Figs
1	1	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint							
		d. In gratings, framed guard bars, ladders, railing, brackets and similar works.	1030	kg					
2	2	Providing and fixing polycarbonatd transparent sheet. 2 mm thick in roofing with galvanized J or L hooks bolts and nuts with G.I. Limpet and bitumen rubber washer complete with all accessories as required as per direction of Engineer-in-Charge.	56.00	sqm					

Executive Engineer,
 Shimla Division No.1,
 H.P PWD SHIMLA-3.