

Himachal Pradesh
Public Works Department

No. PW-SD-I-CTR- Tender-NIT/2021-22- 11921-22 Dated:- 1-9-21

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:-

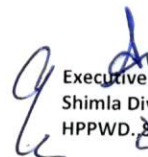
- | | |
|--|---------------------------|
| 1. Date of receipt of application for tender forms:- | 08-09-2021 |
| 2. Dated of Issue /sale of tender forms:- | 09-09-2021. |
| 3. Date of receipt of tender:- | 10-09-2021.up to 10:30 AM |
| 4. Date of opening of tender:- | 10-09-2021 up to 11:00 AM |

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 various residence quarter at Brock Hurst Shimla -2 (SH;- Painting/Distemping work in Type-II set No.46 and various type-III sets due/vacation at Brock Hurst Shimla-2).	98940/-	2000/-	350/-	30 days	Class-D
2	A/R & M/O various residence quarters at Brock Hurst Shimla-2 (SH;- Providing and fixing self in kitchen servant Qtrs No.16 to 30 at Brock	98992/-	2000/-	350/-	60 days	Class-D
3	A/R & M/O various residence quarters at Brock Hurst Shimla-2 (SH;- Providing and fixing self in kitchen servant Qtrs No.1 to 15 at Brock Hurst Shimla-7).	98992/-	2000/-	350/-	60 days	Class-D
4	A/R & M/O to various type-IV GAD Qtrs at Parimahal Kasumpti Shimla-9 (SH;- Repair work in Type-III set No.54 and white washing/distemping in due/vacate set under parimahal section).	81306/-	1700/-	350/-	60 days	Class-D
5	Restoration of rain damages various residential Qtrs at Mehli Kasumpti Shimla-9 (SH;- Removal and disposal of slip back side transit accommodation Block No.4 at Mehli Kasumpti Shimla-9)(Length 0/11.50 to 0/23).	96983/-	2000/-	350/-	30 days	Class-D
6	Restoration of Rain Damages on Chhabra to Kalyani Helipad Road km. 0/00 to 1/200 (SH;- C/O Retaining wall at Rd. 0/125 to 0/135).	267101/-	5400/-	350/-	30 days	Class-D
7	Special repair to various residence quarter at Kasumpti Shimla-9 (SH;- Providing and fixing cup board , Distemping work in type-IV set No.26 at Kasumpti).	73661/-	1500/-	350/-	60 days	Class-D
8	Special repair to various quarter at Kasumpti Shimla-9 (SH;- P/F cup board and minor repair work in Type-III set No.114 and Type-II set nO.22 at Kasumpti Shimla-9).	73817/-	1500/-	350/-	60 days	Class-D
9	Restoration of rain damages to Harinagar road km. 0/00 to 0/385 (SH;- C/O Retaining wall at Rd. 0/370 to 0/374).	94626/-	1900/-	350/-	60 days	Class-D
10	C/O of Kawanti to Padhar road km. 0/00 to 2/700 (SH;- widening of road in 0/975 to 1/585).	483263/-	10000/-	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.

- The valid enlistment/Registration of contractor in Appropriate Class.
- Permanent account No. (PAN NO).
- G.S.T No.
- 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.
- 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.
- The officer of the tender shall remain valid up to 75 days after the opening of tender.
- Ambiguous/telephonic /conditional tenders or tender by fax/E mail shall not be considered and will be summarily be rejected.
- Executive Engineer reserve the right to reject or cancel any or all tenders without assigning any reasons.
- If the date given above happens to be holiday the same shall be processed on next working day.
- 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.
- 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.
- One contractor shall not have more than two major works in hand at a time.
- Work should be completed by the contractor within stipulated period.


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

1. Copy to the Deputy Commissioner Shimla Distt. Shimla.
2. The Superintending Engineer, 4th Circle, HPPWD ., Shimla-3 for information please.
3. Copy to the Executive Engineer Shimla Division No-III HPPWD Shimla.
4. Copy to the Sub Divisional Magistrate (U) Shimla.
5. Copy to the Sub Divisional Magistrate (R) Shimla.
6. Copy to Municipal committee Shimla Distt. Shimla.
7. Copy to Block Development officer Mashobra Distt. Shimla.
8. All the Assistant Engineers under this Division, HPPWD Shimla-3.
9. Superintendent / HDM /DAO.
10. 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:-98,940.00		
Name of Work :- A/R & M/O to various residence quarter at Brock Hurst Shimla-2 (SH: Painting/ Distempering work in Type-II set No.46 and various Type-III sets due/vacation at Brock Hurst Shimla-2).				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	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1581.48	Sqm		Per Square Metre	
2	Distempering(one coat) with oil bound washable distemper of approved brand and manufacture and of required shade, on decorated wall surfaces to give an even shade, after thoroughly brushing the surface lean of all grease, dirt, loose pieces of scales 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.	1581.48	Sqm		Per Square Metre	
3	Extra for every subsequent coat of distempering with oil bound washable distemper of approved brand and manufacture and of required shade on decorated wall surfaces including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	948.89	Sqm		Per Square Metre	
4	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.	500.00	Sqm		Per Square Metre	
5	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.	232.80	Sqm		Per Square Metre	
5.1	b) With enamel paint other than white	250.00	Sqm		Per Square Metre	
6	Extra over item for every subsequent coat of paint on wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	116.40	Sqm		Per Square Metre	
6.1	(b) With enamel paint other than white	150.00	Sqm		Per Square Metre	

7	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	100.00	Sqm			Per Square Metre
8	Extra for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (b) With white enamel paint	50.00	Sqm			Per Square Metre
9	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.	200.00	Sqm			Per Square Metre
10	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.	200.00	Sqm			Per Square Metre
11	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) 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.	135.00	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 various residence quarters at Brock Hurst Shimla-2 (SH: Providing and fixing self in Kitchen Servant Qtr. No.16 to 30 at Brock Hurst Shimla-2).									
Estimated Cost:- 98,992.00									
Earnest Money :- 2,000.00									
Time:- 60 Days.									
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount		
				In figures	In words				
1	Dismantling tiled floors laid in mortar upto all floor level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.(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)	1.44	Sqm			Per Square Metre			
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 (fifty)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(One cement :three sand: six graded stone aggregate) (one or richer mix (i/c equivalent design mix).	0.43	Cum			Per Cubic Metre			
3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 (fifty)metres lead as per direction of Engineer - in- charge.	0.18	Cum			Per Cubic Metre			
4	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50(Fifty) metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.50	Sqm			Per Square Metre			
5	Disposal of building rubbish / malba / similar unserviceable, 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.	0.76	Cum			Per Cubic Metre			
6	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	8.10	Sqm			Per Square Metre			

7	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm(three hundred into three hundred milimetre) 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 milimetre)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.	10.80	Sqm			Per Square Metre	
8	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 milimetre) 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 milimetre)	18.24	Sqm			Per Square Metre	
9	Providing and fixing to wall ceiling and floor galvanised 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 milimetre) nominal bore.	24.00	Rmt			Per Running Metre	
10	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)	10.80	Sqm			Per Square Metre	
11	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Mild steel and Medium Tensile steel bars	64.80	Kg.			Per Kilo-gram	
12	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 centering, shuttering, finishing and reinforcement with 1:1.5:3 (One cement : One point five coarse sand) : three rated stone aggregate 20 mm (twenty milimetre) nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.65	Cum			Per Cubic Metre	

		0.08	Cum		Per Cubic Metre
13	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.				
14	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.	1.68	Sqm		Per Square Metre
15	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.	1.68	Sqm		Per Square Metre
16	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.	20.00	Sqm		Per Square 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 & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	20.00	Sqm		Per Square Metre
18	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	6.00	Nos		Each
19	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 milimetre)	1.00	Nos		Each
20	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) 200x10mm	4.00	Nos		Each
21	Providing and fixing bright finished or/ and black enamelled iron (Helical door spring 150mm) 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 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.	2.00	Nos		Each
	i) 100mm				
23	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.	3.24	Sqm		Per Square Metre
24	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.	13.50	Sqm		Per Square Metre
					Total

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

[Signature]

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY							Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.		Estimated Cost:- 98,992.00		
Name of Work :- A/R & M/O various residence quarters at Brock Hurst Shimla-2 (SH: Providing and fixing self in Kitchen Servant Qtr. No.1 to 15 at Brock Hurst Shimla-2).							Earnest Money :- 2,000.00				
							Time:- 60 Days.				
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount				
				In figures	In words						
1	Dismantling tiled floors laid in mortar upto all floor level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.(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 milimetre)	1.44	Sqm			Per Square Metre					
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 (fifty)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(One cement :three sand: six graded stone aggregate) (one or richer mix (i/c equivalent design mix).	0.43	Cum			Per Cubic Metre					
3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 (fifty)metres lead as per direction of Engineer - in- charge.	0.18	Cum			Per Cubic Metre					
4	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50(Fifty) metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.50	Sqm			Per Square Metre					
5	Disposal of building rubbish / malba / similar unserviceable, 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.	0.76	Cum			Per Cubic Metre					
6	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm(twelve milimetre) 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 milimetre) thick	8.10	Sqm			Per Square Metre					

	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm(three hundred into three hundred milimetre) 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 milimetre)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.	10.80	Sqm			Per Square Metre	
8	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 milimetre) 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 milimetre)	18.24	Sqm			Per Square Metre	
9	Providing and fixing to wall ceiling and floor galvanised 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 milimetre) nominal bore.	24.00	Rmt			Per Running Metre	
10	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)	10.80	Sqm			Per Square Metre	
11	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Mild steel and Medium Tensile steel bars	64.80	Kg.			Per Kilo-gram	
12	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 centering, shuttering, finishing and reinforcement with 1:1.5:3 (One cement : One point five coarse sand) : three rated stone aggregate 20 mm (twenty milimetre) nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.65	Cum			Per Cubic Metre	

	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.	0.080	Cum			Per Cubic Metre	
14	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.	1.68	Sqm			Per Square Metre	
15	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.	1.68	Sqm			Per Square Metre	
16	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.	20.00	Sqm			Per Square 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 & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	20.00	Sqm			Per Square Metre	
18	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	6.00	Nos			Each	
19	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 milimetre)	1.00	Nos			Each	
20	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) 200x10mm	4.00	Nos			Each	
21	Providing and fixing bright finished or/ and black enamelled iron (Helical door spring 150mm) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	

	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.	2.00	Nos		Each
	i) 100mm				
23	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.	3.24	Sqm		Per Square Metre
24	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.	13.50	Sqm		Per Square Metre
					Total


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

SCHEDULE OF QUANTITY

Estimated Cost:- 81,306.00
Earnest Money :- 1,700.00
Time:- 60 Days.

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.
Name of Work :- A/R & M/O to various type-III and Type-IV GAD Qtrs. at parimahal, Kasumpti Shimla-9
(SH: Repair work in Type-III set No.54 and White washing/ distemper in due/ vacate set under Parimahal Section).

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing 19mm thick 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.	33.27	Sqm			Per Square Metre	
2	Providing and fixing 19mm thick Commercial Board shutters for up boards i/c 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.	12.42	Sqm			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.	17.58	Sqm			Per Square Metre	
4	Providing and fixing ply wood lining with butt jointing and nails (frame work and cove 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.	15.77	Sqm			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	71.80	Rmt			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.	39.00	Nos			Each	
7	Providing and fixing bright finished brass furniture handles including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	39.00	Nos			Each	
8	Repairs to plaster in patches of 2.50 Sq.M. and under and 10 to 15mm thick including cutting the patch in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground within a Lead of 20 metres with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Cement Mortar 1:5 (1 Cement : 5 Sand)	7.00	Sqm			Per Square Metre	

DRAFT SCHEDULE OF QUANTITY

9	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.	1.63	Sqm		Per Square Metre
10	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. 40mm thick 2nd class deodar wood	1.24	Sqm		Per Square Metre
11	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	12.00	Nos		Each
12	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.	6.00	Nos		Each
13	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) 125mm	6.00	Nos.		Each
14	Providing and fixing chicken mesh in wall surface including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (I) 150 mm	7.00	Sqm		Per Square Metre
15	Dubbing out an old irregular walls average 10mm thick with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) Cement Mortar 1:5(1cement:5sand)	7.00	Sqm		Per Square Metre
16	Providing and fixing Muxer for kitchen sink with casted swinging spout at top including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Nos		Each
17	Providing and fixing 65x35mm(sixty five into thirty five millimetre) special quality bright finished brass cup board locks or wardrobe locks with six levers including necessary screws etc. complete. (Indian make of approved quality) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	No		Each
18	Distemping(one coat) with oil bound washable distemper of approved brand and manufacture and of required shade, on decorated wall surfaces to give an even shade, after thoroughly brushing the surface lean of all grease, dirt, loose pieces of scales 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.	173.15	Sqm		Per Square Metre

19	Extra for every subsequent coat of distempering with oil bound washable distemper of approved brand and manufacture and of required shade on decorated wall surfaces including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	121.21	Sqm.		Per Square Metre	
20	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	60.60	Sqm		Per Square Metre	
21	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.	120.12	Sqm		Per Square Metre	
22	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.	120.12	Sqm		Per Square Metre	
23	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.	120.12	Sqm		Per Square Metre	
24	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. b) With enamel paint other than white	87.29	Sqm		Per Square Metre	
25	Extra over item No. 24 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. b) With enamel paint other than white	34.78	Sqm		Per Square Metre	
26	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	43.65	Sqm.		Per Square Metre	
		20.87	Sqm.		Per Square Metre	
		8.39	Sqm		Per Square Metre	

		5.87	Sqm			Per Square Metre
27	Extra for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) With white enamel paint					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.					
Name of Work :-Restoration of rain damages various residential Qtrs. at Mehli Kasumpti Shimla-9 (SH: Removal and disposal of slip back side transit accommodation Block No.4 at Mehli Kasumpti Shimla-9)(Length 0/11.50 to 0/23)					
Estimated Cost:-96,983.00					
Earnest Money :- 2,000.00					
Time:- 30 Days.					
Sr. No	Description of Work / Item (S)	No.of Qty.	Estimated Rate		Unit
			In figures	In words	
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops and disposal of cut material within all leads and lifts as per technical specification 302.3.5 and 1611 as per directions of the Engineer-in-Charge.	167.04	Cum		Per Cubic Metre
					Total

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


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SCHEDULE OF QUANTITY

Name of work: - Restoration of Rain Damages on Chhabra to Kalyani Helipad Road Km. 0/00 to 1/200(SH:-C/O retaining wall at Rd. 0/125 to 0/135)

Estimated Cost -Rs.267101/- only
Earnest Money : Rs.5400/-Only
Time - One Month

S. N	Sub head and items of work	Qty.	Rate		Unit	Amount
			In figure	In words		
1	Excavation in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with a lift upto 1.5 m and lead upto 20 m as per Clause 1603.2. including carriage of materials, labour and equipments to various location of site of work through all modes of transportation in all leads, lifts and all incidental charges	21.00	Cum		Per cubic metre	7
2	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material including carriage of materials, labour and equipments to various location of site of work through all modes of transportation in all leads, lifts and all incidental charges	6.20	Cum		Per cubic metre	
3	Providing and laying concrete Mechanically mixed and vibrated P.C.C. nominal mix 1:6: 12 (one cement isto six sand isto twelve graded stone aggregate forty millimetre nominal size for plain /reinforced concrete in open foundation and plinths or similar works complete as per drawings and technical specifications MORD clause 802.803, 1202 & 1203 and curing complete including the cost of form work and hauling of materials in all leads and lifts as per the same satisfaction and direction of Engineer-In-Charge.	6.20	Cum		Per cubic metre	
4	Providing and laying concrete Mechanically mixed and vibrated P.C.C. nominal mix 1:4:8 (20mm Thick) (1 cement : Four sand : Eight graded stone aggregate Twenty millimetre nominal size for plain /reinforced concrete in open foundation and plinths or similar works complete as per drawings and technical specifications MORD clause 802.803, 1202 & 1203 and curing complete including the cost of form work and hauling of materials in all leads and lifts as per the same satisfaction and direction of Engineer-In-Charge.	43.80	Cum		Per cubic metre	
5	Backfilling behind abutment wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 including carriage of materials in all leads and lifts.	4.50	Cum		Per cubic metre	
6	Providing and laying weapholes in brick masonry /stone masonry /plain reinforced concrete abutment, wing wall return wall with 100mm (one hundred)millimetredia PVC pipe extending through the full with of the structures with slop of 1(v):20 (H) towards drawing face complete as per drawings and technical specifications MORD clause 614,, 709, 1204.3.7 including hauling of materials in all leads and lifts as per the same satisfaction and direction of Engineer-In-Charge.	20.00	Rmt		Per Rinning metre	
					Total	

Executive Engineer,
Shimal Division No.1

HP,PWD, Shimla

SCHEDULE OF QUANTITY

Estimated Cost:-73,661.00
Earnest Money :- 1,500.00
Time:- 60 Days.

EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.

SH: Providing and

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.
Name of Work :-Special Repair to various residence quarter at Kasumpti Shimla-9(SH: Providing and fixing Cup board , Distempering work in type-IV set No.26 at Kasumpti).

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.	31.50	Sqm			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.	9.21	Sqm			Per Square Metre	
3	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.	9.21	Sqm			Per Square Metre	
4	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.	9.21	Sqm			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	105.20	Rmt			Per Running Metre	
6	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. i) 100mm	40.00	Nos			Each	
7	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.	40.00	Nos			Each	
8	Providing and fixing chromium plated brass 50 mm cup board or wardrobe knobs with nuts complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.00	Nos			Each	
9	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.	40.71	Sqm			Per Square Metre	

10	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.	40.71	Sqm			Per Square Metre	
11	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.	250.00	Sqm			Per Square Metre	
12	Providing and fixing E aluminium Channel for glass shutter sliding complete as per direction of Engineer-in-Charge.	6.88	Rmt			Per Running Metre	
13	Supplying and fixing glass panes in E aluminium channel including rehu roller for sliding smoothly and stickers complete in all respect (E channel paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Plain Glass :4mm thick	5.44	Sqm			Per Square Metre	
14	Providing and fixing 4mm thick burl ply of standard quality and of approved shade & design wall lining i/c fixing with approved adhesive, butt jointing and nails & screws complete (Base frame work to be measured & paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	11.42	Sqm			Per Square Metre	
15	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	250.00	Sqm			Per Square Metre	
16	Distempering(one coat) with oil bound washable distemper of approved brand and manufacture and of required shade, on decorated wall surfaces to give an even shade, after thoroughly brushing the surface lean of all grease, dirt, loose pieces of scales 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.	250.00	Sqm			Per Square Metre	
17	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. (i) With white enamel paint.	150.00	Sqm.			Per Square Metre	
18	Extra over item No. 18 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) With white enamel paint	75.00	Sqm.			Per Square Metre	

19	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	100.00	Sqm			Per Square Metre	
						Total	


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

SCHEDULE OF QUANTITY

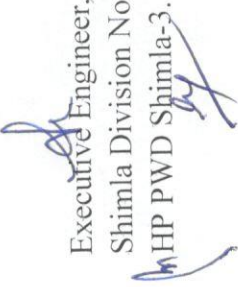
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.									
Name of Work :- Special repair to various quarter at kasumpti Shimla-9 (SH: P/F Cup board and Minor repair work in Type-III set No.114 and type-II set No.22 at Kasumpti Shimla-9).									
Sr. Description of Work / Item (S)									
No	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.		38.94	Sqm		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.		17.14	Sqm		Per Square Metre			
3	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.		22.74	Sqm		Per Square Metre			
4	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.		17.14	Sqm		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		98.10	Rmt		Per Running Metre			
6	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. i) 100mm		70.00	Nos		Each			
7	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.		60.00	Nos		Each			
8	Providing and fixing chromium plated brass 50 mm cup board or wardrobe knobs with nuts complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.		5.00	Nos		Each			
9	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.		56.08	Sqm		Per Square Metre			

Estimated Cost:-73,817.00

Earnest Money :- 1,500.00

Time:- 60 Days.

10	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.	56.08	Sqm		Per Square Metre	
11	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.	50.00	Sqm		Per Square Metre	
12	Providing and fixing E aluminium Channel for glass shutter sliding complete as per direction of Engineer-in-Charge.	3.40	Rmt		Per Running Metre	
13	Supplying and fixing glass panes in E aluminium channel including rehu roller for sliding smoothly and stickers complete in all respect (E channel paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Plain Glass :4mm thick	2.72	Sqm		Per Square Metre	
					Total	


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

SCHEDULE OF QUANTITY

Order Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.		Estimated Cost:- 94,626.00			
Name of Work :- Restoration of rain damages to Harinagar road Km.0/00 to 0/385 (SH: C/O Retaining wall at RD. 0/370 to 0/374)		Earnest Money :- 1,900.00			
		Time:- 60 Days.			
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate	Unit	Amount
			In figures		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm (Thirty centimetre) in depth, 1.5 m (One point five metre) in width as well as 10 sqm (ten Square Metre) on plan) in all kinds of soil including getting out and disposal of excavated earth all lead and lift as directed by Engineer-in-charge and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour (if required).All useful material such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extent in all leads and lifts through all modes of transportation as per the directions of the Engineer-in-Charge. Any loss to the public and private propriety, human being, machinery during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	9.88	Cum	Per Cubic Metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre) on plan) in all kinds of soil. including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be duly compensated by him at his on cost in all cases. including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	1.64	Cum	Per Cubic Metre	

	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) 1:5:10 (one cement : five fine sand : ten graded stone aggregate 40 mm(forty millimetre) nominal size)	4.32	Cum			Per Cubic Metre	
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) 1:4:8 (one Cement : four coarse sand) : eight graded stone aggregate 20 mm(twenty millimetre) nominal size)	14.28	Cum			Per Cubic Metre	
5	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) Foundations, footings, bases of columns, etc. for mass concrete.	10.28	Sqm			Per Square Metre	
6	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm (five centimetre to twenty centimetre), in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-Charge.	0.56	Cum			Per Cubic Metre	
7	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm(One hundred milimetre) dia PVC pipe extending through the full with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	4.00	Nos			Each	
						Total	


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

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY	
Name of work: -C/O of Kawanti to Padhar Road Km. 0/00 to 2/700(SH:- Widening of road:- Km. 0/975 to 1/585)	

Estimated Cost: -Rs.483263/- only
-+ Money - Rs10000/-only

2.1.5.3. (1383) Widening of road in

Estimated Cost: -Rs 483263/- only
Earnest Money : Rs10000/-only

S.N		Sub head and items of work		Earnest Money : Rs10000/-Only	
o				Time - One Month	
1	2	Qty.	Rate	Unit	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.(i) Ordinary Rock	3	In figure	6	7
		2056.00 Cum		Per Cubic Metre	
				Total	

Executive Engineer,
Shimal Division No.1
MHP,PWD, Shimla 3