

Himachal Pradesh
Public Works Department

No. PW-SD-I-CTR- Tender-NIT/2022-2023-

10181

Dated:-

18/8/22

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:-
2. Dated of Issue /sale of tender forms:-
3. Date of receipt of tender:-
4. Date of opening of tender:-

25-08-2022 upto 4:00 PM
26-08-2022 upto 4:00 PM
27-08-2022 up to 10:30 AM
27-08-2022 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	M/T Terminal building Renewal coat on kalyani Helipad (SH:- Painting ,Distempering and plastering work).	52300/-	1100/-	350/-	30 days	Class-D
2	R.R.D. Occurred due to digging by Sewer line by SJPNL on Shoghi Mehli Junga sadhupul road km. 12/375 to 48/925 (SH:- Providing and laying patch work at Rd. 44/00 to 45/00 and various RDs).	499006/-	9900/-	350/-	15 days	Class-D
3	A/R & M/O to House No.3 Kasumpti Sub Division VIII Shimla-9 (SH:- C/O b/wall in entrance of House No.3 Ground floor Shimla-2).	94216/-	1900/-	350/-	30 days	Class-D
4	A/R & M/O various residential qtrs type-I to VI at mehli Kasumpti Shimla-9 (SH:- providing and fixing polycarbonate sheet in type-VI set no.12 at Mehli Kasumpti Shimla-9).	161726/-	3300/-	350/-	60 days	Class-D
5	A/R & M/O iof garage No.14 at Brock Hurst Shimla-3 (SH:- Reconstruction of Garrage No.14 at Brock Hurst).	195117/-	4000/-	350/-	60 days	Class-D
6	A/R & M/O to various residential qtrs at Kasumpti Shimla-9 (SH:- Providing and fixing cup board and minor repair work in type-I set No. 5,7,2,4, & 13 at Kasumpti Shimla-9).	199099/-	4000/-	350/-	60 days	Class-D
7	A/R & M/O to various residence qtrs at Kasumpti Shimla-9 (SH:- Outer painting work in type-V set nO.11-12, Distempering work in type-I set nO. 3,1,6,12,8 and minor repair work in various sets at Kasumpti Shimla-9).	140643/-	2900/-	350/-	60 days	Class-D
8	R.R.D Occurred due to digging by Sewer line by SJPNL on Shoghi Mehli Junga sadhupul road km. 12/375 to 48/925 (SH:- Providing and laying Kharanja soling and G-III (Old Kasumpti Junga road km. 7/600 to 8/00).	192267/-	3900/-	350/-	30 days	Class-D
9	Restoration of rain damages on Govt. Senior secondary school Gumma (SH:- Hiring of Excavator cum Loader for Removal of slips in Govt. Senior secondary school Gumma).	91627/-	1900/-	350/-	30 days	Class-D
10	Improvement & widening of Kufri Chail road km. 0/00 to 25/00 up to Bye pass (SH:- C/O Drain in PCC on Kufri Bazar upto by pass road km. 0/120 to 0/590).	439393/-	8800/-	350/-	30 days	Class-D
11	A/R & M/O Mechanical Circle Building at Dhalli Shimla (SH:- Protection work behind Executve Engineer (Mechancial) office, tile work in SDA room , Distempering and wood paint in SDC (B & R) room in Mechancial Building).	185028/-	3700/-	350/-	60 days	Class-D
12	Construction of Librarary Art & Craft Room and Computer Room for GSSS Janedghat Distt. Shimla Under RMSA (SH:- C/O porch above length level & C/O R/wall at Back side of the School Building)	499013/-	10000/-	350/-	30 days	Class-D
13	A/R & M/O various type-III & type-IV GAD at parimahal Kasumpti Shimla -9 (SH:- Repair of kitchen, bath room and toilet in type-III set No. 80 under parimahal section).	116456/-	2400/-	350/-	60 days	Class-D
14	A/R & M/O to various residence at Brock Hurst Shimla-2 (SH:- P/F paneled glazed door and window in type-II set nO. 45,46,47,48 and various sets at Brock Hurst Shimla-2).	151984/-	3100/-	350/-	60 days	Class-D
15	Improvement & widening Mashobra Bhekhility road km. 0/00 to 18/360 (SH:- C/O R/wall at RD. 4/420 and 6/390 to 6/395).	187041/-	3800/-	350/-	30 days	Class-D
16	Improvement and widening of road on Mashobra to Craignano road km. 0/00 to 4/00 (SH:- C/O R/wall at RD. 3/145 to 3/152).	123946/-	2500/-	350/-	30 days	Class-D
17	Improvement of Black spots on MRR via Lakkar Bazar km. 147/735 to 152/980 (SH:- Providing and fixing of aluminum cateyes in km. 149/00 to 152/980 in various locations).	99500/-	2000/-	350/-	30 days	Class-D
18	A/R & M/O to type-I set No 1 to 18 at Kasumpti Shimla -9 (SH:- Providing and fixing chajja in type-I set no. 1 to 18 at Kasumpti Shimla-9).	280237/-	5700/-	350/-	60 days	Class-D
19	Improvement & Widening g of Shoghi Mehli jung sashupul road km 12/375 to 48/925 (SH:- C/O Extension of RCC Slab culvert at Rd. 33/600).	433250/-	8700/-	350/-	30 days	Class-D
20	C/O Car parking near Auckland Tunnel (SH:- Geotechnical investigation for Development of parking near Auckland Tunnel)(Under Shimla Smart city).	496800/-	10000/-	350/-	15 days	Class-D
21	C/O Car parking below Indira Gandhi Mehlicall collage (SH:- Geotechnical investigation from development of parking)(Under Smart city mission).	496800/-	10000/-	350/-	30 days	Class-D
22	A/R & M/O to various residence qtrs under Kasumpti Shimla-9 (SH:- Laying of new	182266/-	3700/-	350/-	60	Class-D

	sewer line in type-I set no.1 to 24 at Brock Hurst Shimla-2).				days	
23	Special repair to type-I to VI qtrs at mehli Kasumpti Shimla (SH;- Providing and fixing road side jafri polycarbonate sheet in type-VI at mehli Shimla).	390924/-	7900/-	350/-	60 days	Class-D
24	A/R & M/O to type-I to III Qtrs at mehli Kasumpti Shimla (SH;- P/F 1000 Ltrs capacity PVC water Tank in Block M2 (9 to 16) Type-III at Mehli Kasumpti Shimla).	177150/-	3600/-	350/-	60 days	Class-D
25	A/R & M/O to kitchen in type-IV Qtrs at Kasumpti Shimla-9 (SH;- P/L Tile work ,toilet bath WC in type-IV set No.1 at Mehli Kasumpti Shimla-9).	104044/-	2100/-	350/-	60 days	Class-D
26	A/R & M/O to type-I to VI Qtrs at Mehli Kasumpti Shimla (SH;- P/F sprush/pine wood paneling in Master Bed room type-IV set no.25 and cup board in kitchen set no.14 & 19 type-IV mehli Kasumpti Shimla).	104487/-	1800/-	350/-	30 days	Class-D
27	A/R & M/O type-VI Qtrs at Mehli Kasumpti Shimla-9 (SH;- Repair of toilet ,kitchen tile work & cup board set No. 9,12 and 19 type-VI at Mehli Kasumpti Shimla-9).	414209/-	8300/-	350/-	60 days	Class-D
28	A/R & M/O various residential qtrs type-I to VI at Kasumpti Shimla-9 (SH;-Repair of type-III set no.111 and providing & fixing cup board in type-III set No. 117 shutter in type-IV shutter in type-IV 109 & 156 at Kasumpti Shimla-9).	396912/-	8000/-	350/-	60 days	Class-D
29	Improvement and Widening of Elysium to Devidhar road (SH;- C/O Breast wall at Rd. 2/370 to 2/376).	418342/-	8400/-	350/-	60 days	Class-D
30	Improvement of Curve in Challanda link road km. 0/00 to 4/800 (SH;- Widening of curves between RD. 1/440 to 1/470).	194828/-	3900/-	350/-	30 days	Class-D
31	A/R & M/O to various residence qtrs at Kasumpti Shimla-9 (SH;- Painting /Distemping work in type-V set no.23,12,17,22 and Vacation/due at Kasumpti Shimla-9).	214600/-	4300/-	350/-	30 days	Class-D
32	Widening & Improvement of Baldeyan to Dharmpur road km. 0/00 to 10/00 (SH;- C/O Retaining wall at Rd. 7/035 to 7/044)(Balance work).	236276/-	4800/-	350/-	30 days	Class-D
33	A/R & M/O various type-III & type-IV GAD Qtrs at parimahat Kasumpti Shimla-9 (SH;- P/L chequered tile in gully of type-IV Block 57 to 62 under Parimahat section).	99999/-	2000/-	350/-	60 days	Class-D

It is certified that the above works are required to be carried out immediately being emergent nature of work in public interest.

The tender documents shall be issued only to those contractor/Firm who fulfill the following documents with the application.

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


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

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

Copy forwarded to :-

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

Dated :- 18/8/22


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:-52,300.00	
Name of Work :- M/T Terminal building Renewal coat on Kalyani Helipad (SH: Painting, Distempering and plastering work).						Earnest Money :- 1,100.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Wall painting(one coat)with acyalic emulsion paint of approved brand and manufacture on decorated wall surface to give an even shade including thoroughly brushing the surface clean of all dirt grease, loose pieces of scale and sand papered smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	84.42	Sqm			Per Square Metre	
2	Extra over item No. 1 for every sub sequent coat of wall painting with acyalic emulsion paint of approved brand and manufacture including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	42.21	Sqm			Per Square Metre	
3	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.	99.05	Sqm			Per Square Metre	
4	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.	49.52	Sqm.			Per Square Metre	
5	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.	70.65	Sqm			Per Square Metre	
6	20mm cement plaster in single coat on rough side of brick/concrete stone walls for interior plastering upto all floor level including arrises, internal rounded angles not exceeding 20cm in girth and finished even and smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	87.06	Sqm			Per Square Metre	
7	Providing and laying cement concrete work 1:2:4 (1 Cement:2 Sand:4 graded stone aggregate 20 mm nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Foundations,footings bases of columns and the like and mass concrete but excluding cost of reinforcement.	2.46	Cum			Per Cubic Metre	
						Total	

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

SCHEDULE OF QUANTITY

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


Estimated Cost:- 4,99,006 .00

Name of Work :- R.R.D Occurred due to digging by Sewer line by SJPNL on Shoghi Mehli Junga Sadhupul road Km 12/375 to 48/925. (SH: Providing and Laying Patch work at Rd 44/00 to 45/00 and Various RDs).

Earnest Money :- 9,900.00

Time:- 15 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
Sr.No.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2 i/c carriage of material within all leads and lifts as per directions of the Engineer-in-Charge.	1272.00	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-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- 94,216.00	
Name of Work :-A/R & M/O various roads under kasumpti Sub-Division VIII Shimla-9 (SH:C/O Breast Wall in entrance of House No.3 Ground floor Shimla-2)							Earnest Money :- 1,900.00	
							Time:- 30 Days	
Sr No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount	
				In figures	In words			
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) 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) 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. (i)All kinds of soil	4.36	Cum			Per Cubic Metre		
2	Earth work in excavation by mechanical means (Hydraulic excavator) or 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 to rock (where blasting is prohibited) all earth work in carriage 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.	2.91	Cum			Per Cubic Metre		
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Cement Mortar 1:6:12(one cement:six sand:twelve graded stone agg.40mm (forty millimetre) nominal size).	0.55	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) 1:2:4 (One cement : two coarse sand) : four graded stone aggregate 20 mm(twenty millimetre) nominal size)	8.64	Cum			Per Cubic Metre	
5	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.(1) Mild steel and Medium Tensile steel bars	345.42	Kgs.			Per Kilogram	
6	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm(One hundred millimetre) 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.	20.00	Rmt			Per Running Metre	
7	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Granular material.	1.82	Cum			Per Cubic Metre	
						Total	

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

SCHEDULE OF QUANTITY

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

Estimated Cost:- 1,61,726.00


Name of Work :- A/R & M/O various residential quarters Type-I to VI at mehli Kasumpti Shimla-9 (SH:

Earnest Money :- 3,300.00

Providing and fixing polycarbonate sheet in type-VI set No.12 at mehli Kasumpti Shimla-9).

Time:- 60 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
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 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	970.24	Per Kg.			Per Kilo-gram.	
2	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Two or more coats on new work	100.00	Sqm			Per Square Metre	
3	Providing and fixing polycarbonated sheet 2.00mm thick in lining with galvanised self driven screws complete with all accessories including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	25.00	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-I, H.P.P.W.D., SHIMLA-3.

Estimated Cost:- 1,95,117.00

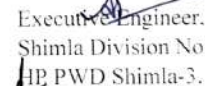
Name of Work :- A/R & M/O of garage No.14 at Brock Hurst Shimla-3 (SH: Reconstruction of Garage No.14 at Brock Hurst)

Earnest Money :- 4,000.00

Time:- 60 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated In figures	Rate In words	Unit	Amount
1	Cutting and disposal of earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD, specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site 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 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 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.	5.832	Cum			Per Cubic Metre	
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)1:3:6 (One Cement : three coarse sand : Six graded stone aggregate 20mm twenty millimetre) nominal size)	8.35	Cum			Per Cubic Metre	
3	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 in all leads and lifts as per directions of the Engineer-in-Charge.	846.32	Kgs.			Per kilogram	
4	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)80x0.90 mm M.S. laths with 0.90 mm thick top cover.	9.90	Sqm			Per Square Metre	
5	Providing and fixing ball bearing for rolling shutters including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	

6	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. (i) 0.63mm thick with zinc coating not less than 275 gm/ m ² (Through Rate)	11.88	Sqm			Per Square Metre	
	(ii) 0.63 mm thick with zinc coating not less than 275 gm/ m ² (Labour Rate)	59.49	Sqm			Per Square Metre	
7	Providing and fixing M.S. BP Sheet 1.66mm to 2mm thick in eaves board, Facia/ soffits/ ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-Charge (Base members of steel work shall be measured & paid separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.90	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.				Estimated Cost:- 1,99,099.00	
Name of Work :- A/R & M/O to various residential quarter at Kasumpti Shimla-9 (SH: Providing and fixing Cup board and minor repair work in Type-I set No.5,7,2,4 &13 at Kasumpti Shimla-9)				Earnest Money :- 4,000.00	
				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 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	38.00	Nos			Each	
2	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.	42.56	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.	19.56	Sqm			Per Square Metre	
4	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.	19.56	Sqm			Per Square Metre	
5	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.	36.00	Nos			Each	
6	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	172.00	Rmt			Per Running Metre	
7	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.	47.56	Sqm			Per Square Metre	
8	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	
9	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	

10	Providing and fixing square edges cover fillets (beading) 40mmx12mm 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	52.00	Rmt			Per Running Metre	
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) 125mm	30.00	Nos			Each	
12	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	2.00	Nos			Each	
13	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	35.00	Nos			Each	
14	Providing fixing bright finished brass tower bolts (barrel type) with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 150x10mm	10.00	Nos			Each	
	(ii) 100x10 mm	10.00	Nos			Each	
15	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. (a) 4mm thick	3.80	Sqm			Per Square Metre	
16	Providing and fixing aluminium eye hook 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.	45.00	Nos			Each	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 1,40,643.00	
Name of Work :- A/R & M/O to various residence quarter at Kasumpti Shimla-9 (SH: Outer Painting work in type -V set no.11-12, Distempering work in type-I set no.3,1,6,12,8, and minor repair work in various sets at Kasumpti Shimla-9).						Earnest Money :- 2,900.00	
						Time:- 60 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, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	300.00	Sqm			Per Square Metre	
2	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.	300.00	Sqm.			Per Square Metre	
3	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (one or more coats)	500.00	Sqm			Per Square Metre	
4	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.	250	Sqm			Per Square Metre	
	b) Enamel paint other than white	200	Sqm			Per Square Metre	
5	Extra over item for every subsequent coat of paint on previously painted wood and wood based surface with enamel paint brushing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) With white enamel paint	100.00	Sqm.			Per Square Metre	
	ii) With enamel paint other than white.	100.00	Sqm.			Per Square Metre	

6	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. i) With Enamel paint other than white	100.00	Sqm.			Per Square Metre	
7	Extra over item 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 Enamel paint other than white	50.00	Sqm.			Per Square Metre	
8	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equal on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	400.00	Sqm			Per Square Metre	
9	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.	8.64	Sqm			Per Square Metre	
10	Providing and laying marble work (table rubbed and polished) with semi round nosing in flooring laid over 20mm (Twenty milimetres) thick base in 1:3 (One cement: three sand) including jointed with cement mortar 1:2 (one white cement: two marble dust) with an admixture of pigment to match the shade of marble 20mm (Twenty milimetres) thick Green marble with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.24	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 :-R.R.D Occurred due to digging by Sewer line by SJPNL on Shoghi Mehli Junga Sadhupul road KM 12/375 to 48/925 SH:- Providing and Laying Kharanja Soling and G-III (Old Kasumpti Junga road KM 7/600 to 8/00).

Estimated Cost:-1,92,267 .00
Earnest Money :- 3900.00
Time:- 30 Days.

Sr.No.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culvers, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, chiselling/wedging out of rocks,(where blasting is prohibited) as per drawing and MORD technical specifications Clause 305.1, 1104 and 1606.1 and as per direction of the Engineer-in-Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 150mm (One hundred fifty milimetre) compacted thickness including shorting and strutting and pumping and bailing out water (surface and sub soil water) upto all depth and any quantum of water including cleaning of slush which may arise out during dewatering including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	82.80	Cum			Per Cubic Metre	
2	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP PWD specification 100mm spread thickness (finished work including materials and labour) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	54.00	Cum			Per Cubic Metre	
3	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading -3 as per Technical Specification Clause 405.including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (By Mechanical Means)	27.00	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-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 91,627.00	
Name of Work :- Restoration of rain damages on Govt. Senior Secondary School Gumma (SH:- Hiring of Excavator cum Loader for Removal of slips in Govt. Senior Secondary School Gumma)						Earnest Money :-1,900.00	
						Time:- 30 Days.	
Sr No	Description of Work / Item (S)	No of Qty		Estimated Rate		Unit	Amount
				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 slope 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.	630.00	Cum			Per Cubic Metre	
						Total	


CONDITION:

1. All the P.O.L. Charges shall be borne by the contractor.
2. All the repair maintenance of machineries shall be borne by the contractor.
3. For any minor Major repair or any accident /damaged shall be the whole responsibility of contractor.
4. Any damages or loss to Govt./Private property during course of work shall have to be made good by the contractor.


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:-4,39,393 .00	
Name of Work :- Improvement & Widening of Kufri Chail road Km 0/00 to 25/000 up to Bye Pass					Earnest Money :- 8800.00	
(SH:- C/O Drain in PCC on Kufri Bazar upto By Pass road in Km 0/120 to 0/590).					Time:- 30 Days.	
Sr.No.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1	2	3	4	5	6	7
1	Earth work in excavation for structure in all depths as per drawing and technical specification for rural roads August 2004 clause 305.1 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 dully 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.	74.88	Cum		Per Cubic Metre	
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 the directions of the Engineer-in-Charge. (i)1:1.5:3 (one Cement : one point five coarse sand :three graded stone aggregate 20 mm (twenty milimetre) nominal size)	50.20	Cum		Per Cubic Metre	
3	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)On concrete work	144.00	sqm		Per Square Metre	
					Total	



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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 1,85,028.00		
Name of Work :- A/R & M/O Mechanical Circle Building at Dhalli Shimla (SH: Protection work behind Executive Engineer(Mechanical) Office, tile work in SDC room, Distempering and Wood paint in SDC (B&R) room in Mechanical Building)					Earnest Money :- 3,700.00 Time:- 60 Days.		
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	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 dully 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.	12.28	Cum			Per Cubic Metre	
2	Providing and laying Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Size of Tile 600x600 mm	27.50	Sqm.			Per Square Metre	
3	15mm cement plaster in single coat on rough side of brick/ concrete /stone walls for interior plastering up to all floor level /heights i/c arises internal rounded angles, chamfers and / or rounded angles not exceeding 80mm in girth and finished even and smooth in cement mortar 1:6(1cement:6sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	27.50	Sqm.			Per Square Metre	

4	Providing and laying cement concrete 1:4:8(1cement:4sand:8graded stone agg.40mm nominal size) and curing complete excluding cost of form work in foundation and plinth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.95	Cum			Per Cubic Metre	
5	Providing form work with steel plates of 3.15mm (Three decimal One five millimeters) thick, welded with angle iron in frames of 30x30x5mm (Thirty into Thirty into Five millimeters), so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/depths of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)Foundation footing and basis of columns, etc. and mass concrete.	19.10	Sqm			Per Square Metre	
6	Providing and laying cement concrete 1:2:4(1cement:2sand:4graded stone agg.20mm nominal size) and curing complete excluding cost of form work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Foundation and plinth.	5.45	Cum			Per Cubic Metre	
7	Structural Steel work rivetted in built up sections 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.(i)In trusses and trussed purlins in buildings.	420.10	Kgs.			Per Kilogram	
8	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Electric resistance or induction butt welded tubes	132.82	Kgs			Per Kilogram	
9	Providing corrugated G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm 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 over lapping of sheets complete (Upto 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. (Labour rate)	37.10	Sqm			Per Square Metre	
10	Distempering with dry distemper of approved brand and manufacture (two or more coats) of required shade on new work, over and including water thinnable priming coat to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	66.76	Sqm			Per Square Metre	

11	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.	81.52	Sqm			Per Square Metre	
12	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) New work (two or more coats) including a coat of approved steel primer but excluding a coat of mordant solution.	148.40	Sqm			Per Square Metre	
13	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	18.12	Sqm			Per Square Metre	
						Total	


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

SCHEDULE OF QUANTITY

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

Estimated Cost:- 4,99,013.00

Name of Work :- Construction of Library Art & Craft Room and Computer Room for GSSS

Earnest Money :- 10,000.00

Janedghat Distt Shimla Under RMSA (SH:- C/O Porch above Plinth level & C/O R/Wall at Back side of the School Building). *(Deposited work)*

Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Excavation in foundations, trenches etc., in earth work in all classification of soil such as pick work jumper work, pick jumper work, blasting work, jumper blasting work, soft and hard blasting and saturated soil, de-watering including wedging out rocks where blasting work is prohibited, chiseling or any other mixed variety of soil, de-watering and/or removal of slush and incidentals lift upto any heights, stacking the excavated soil not more than 3 mtrs (Three metres) clear from the edge of excavation and then returning the stacked soil in 15cm. (Fifteen centimeter) layers, when required into plinths, sides of foundation etc. consolidating each deposited layer by ramming, watering and then disposing of all excavated earth as directed by the Engineer-in-Charge, within all leads, lifts of materials and other incidentals.	35.09	Cum			Per Cubic Metre	
2	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a fair finish i/c centring, shuttering, strutting and propping etc. with wooden battens and bailies in all heights or propping and centring, below supporting floor to ceiling not exceeding 4mtrs and removal of the same for in situ- reinforced concrete and plain concrete work in: including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Foundation footing basis of columns etc. and mass concrete.	7.88	Sqm.			Per Square Metre	
3	Providing and laying cement concrete 1:5:10 (one cement into five sand into ten graded stone agg. 40mm nominal size) and curing complete :- including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge a) Foundation and plinth.	8.25	Cum			Per Cubic Metre	
4	Providing and laying concrete for plain/reinforced concrete in open foundations complete including Shuttering as per drawing and technical specification clauses 802, 803, 1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Cement Mortar 1:3:6 (One cement: Three sand: Six graded stone agg. 20mm (forty millimetre) nominal size).	49.40	Cum			Per Cubic Metre	
5	Cement concrete flooring 1:2:4 (1 cement: 2 sand: 4 graded stone agg. 20mm nominal size) laid in one layer finished with a floating coat of neat cement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge a) 40mm thick.	19.98	sqm			Per Square Metre	
6	Providing and laying cement concrete work 1:1½:3 (1 cement: 1½ sand: 3 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work including mixing & Vibrating charges and reinforcement for reinforced concrete work in: including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge a) Plinth beam and the like and mass concrete.	1.40	Cum			Per Cubic Metre	

7	Providing mild steel tor steel reinforcement for RCC work i/c bending, binding & placing in position including cost of binding wire complete up to all floor level/all heights including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Tor steel.	225.00	Kg.			Per Square Metre	
8	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.	285.12	Kg.			Per Kilogramme	
9	Brick work using common burnt clay building bricks in foundation and plinth : a) Cement Mortar 1:4 (1 cement: 4 sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. i) Second Class Bricks.	7.26	Cum			Per Cubic Metre	
10	15 mm cement plaster on the rough side of single or brick wall of mix including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Cement Mortar 1:6 (1 Cement: 6 fine Sand).	26.78	sqm			Per Square Metre	
11	Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Light shade pigment using white cement.	9.90	sqm			Per Square Metre	
12	Painting two coats (excluding priming coats) on new steel and other metal surfaces with enamel paints spraying to give an even shade including cleanign the surfaces of all dirt, dust and other foregin matter i) With enamel paint other than white	68.67	sqm			Per Square Metre	
13	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	14.40	Cum			Per Cubic Metre	
14	Providing weep holes in Breast wall/Retaining wall on stone masonry with 100mm & P.V.C. pipe with slop of 1:20 to wards the face complete as per drawing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	43.00	Rmt			Per Runing 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:-** 1,16,456.00
Name of Work :- A/R & M/O various Type-III & Type-IV GAD at Parimahal, Kasumpti Shimla-9 (SH: Repair of Kitchen, Bath room and toilet in Type-III set No.80 under Parimahal Section). **Earnest Money :-** 2,400.00
Time:- 60 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	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.	0.12	Cum			Per Cubic Metre	
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. (i) Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	0.90	Cum			Per Cubic Metre	
	(ii) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	0.93	Cum			Per Cubic Metre	
3	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)For thickness of tiles 10 mm to 25 mm	41.34	Sqm			Per Square 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)1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	1.13	Cum			Per Cubic Metre	
	(i)1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	0.03	Cum			Per Cubic Metre	
5	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.	11.52	Sqm			Per Square 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.	36.06	Sqm			Per Square Metre	

7	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)15 mm dia nominal bore	16.20	Rmt			Per Running Metre	
8	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)15 mm nominal bore	2.00	Nos			Each	
9	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 (one hundred ten milimetre) dia.	3.00	Rmt			Per Running Metre	
	b) 90mm (Ninety milimetre) dia	5.00	Rmt			Per Running Metre	
10	Providing and fixing PVC single equal branch plain 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) 110mm(one hundred ten milimetre) dia	1.00	No			Each	
	(b) 90mm (Ninety milimetre)dia	2.00	Nos			Each	
11	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)110 mm (one hundred ten milimetre) dia	2.00	Nos			Each	
	b) 90mm (Ninety milimetre)dia	3.00	Nos			Each	
12	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(one hundred ten milimetre) dia.	3.00	Nos			Each	
	(b) 90 mm(Ninety milimetre) dia.	3.00	Nos			Each	
13	Providing and fixing PVC reducer ISI marked including jointing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110x90 mm dia	1.00	Nos			Each	
14	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm X 90 mm.	4.00	Nos			Each	
15	Providing and fixing PVC single equal branch plain 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 (one hundred ten milimetre)dia.	2.00	Nos			Each	
	(b) 90 mm (Ninety milimetre) dia.	2.00	Nos			Each	

16	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110 mm Dia.	2.00	Nos			Each	
	(b) 90 mm dia.	2.00	Nos			Each	
17	Marble work (table rubbed and polished for walls lining) Veneer work 2.50cm. thick in cement mortar 1:3 (1 cement:3 sand) including pointing with white cement mortar 1:2 (1 white cement: 2 marble dust) with an admixture of pigment to match the marble shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Baroda Green Marble .	3.00	Sqm			Per Square Metre	
18	Providing and nosing of marble edges in marble work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.74	Rmt			Per Running Metre	
19	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1.00	No			Each	
20	Providing and fixing 15mm mixer for kitchen sink with top/bottom swinging spout including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
21	Providing and fixing one hole basin mixing Faucet 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 wall mixing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
23	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required (i) Kitchen sink with drain board (a) 510x1040 mm bowl depth 250mm	1.00	No			Each	
						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:- 1,51,984.00	
Name of Work : A/R & M/O to various residence at Brock Hurst Shimla-2(SH: P/F panelled glazed door and window in Type-II set No.45,46,47,48 and varioous sets at Brock Hurst Shimla-2).							Earnest Money :- 3,100.00	
							Time:- Two months	
Sr. No	Description of Work / Item (S)	No of Qty.		Estimated Rate		Unit	Amount	
				In figures	In words			
1	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(three square metre) and below	20.00	Nos			Each		
2	Providing woodwork 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.(i) 2nd class deodar wood	0.06	Cum			Per Cubic Metre		
3	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	27.00	Sqm			Per Square Metre		
4	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 40mm thick 2nd class deodar wood	2.63	Sqm			Per Square Metre		
5	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 mateirals in all leads and lifts as per directions of the Engineer-in-Charge. (a) Ready mixed paint brushing wood primer pink.	10.00	Sqm			Per Square Metre		
6	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.	10.00	Sqm			Per Square Metre		
7	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of mateirals in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125 mm	20.00	Nos			Each		

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 milimetre)	5.00	Nos			Each	
9	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	8.00	Nos			Each	
10	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.	2.00	Nos			Each	
11	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	5.00	Nos			Each	
12	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 200x10mm	5.00	Nos			Each	
	(b) 150x10mm	5.00	Nos			Each	
	(c) 100x10mm	5.00	Nos			Each	
13	Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer- in-charge.	2.00	Nos			Each	
14	Providing and fixing bright finished brass sliding door bolt 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.(i) 250x16mm	1.00	No			Each	
						Total	


 Executive Engineer,
 Shimla Division No.1,
 P.P. PWD Shimla

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 1,87,041.00	
Name of Work :- Improvement & Widening Mashobra Bhekhality road Km. 0/00 to 18/360 (SH: C/O R/wall at RD. 4/420 and 6/390 to 6/395)						Earnest Money :- 3,800.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (one point five metre) in width or 10 sqm(ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m(one point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.(fifty metre)(i) Ordinary rock	7.00	Cum			Per Cubic Metre	
2	Providing form work with steel plates 3.15mm (three point fifteen milimetre) thick welded with angle iron in frame 30x30x5mm (thirty into thirty into five milimetre)so as to give a fair finish including centring, shuttering, strutting and propping etc. with wooden battens and bailies in all heights or propping and centring, below supporting floor to ceiling not exceeding 4mtrs (four metres) and removal of the same for in situ-reinforced concrete and plain concrete work including. a) Flat surfaces such as soffits of suspended floors, roofs, landing and the like.Floors etc. up to 200mm (two hundred milimetre)in thickness.	62.75	Sqm			Per Square Metre	
3	Providing and laying cement concrete work 1:2:4(1cement:2sand:4graded stone agg. 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work . a) Moulding as in cornices, window sill etc. exceeding 15 cm. in girth.	4.86	Cum			Per Cubic Metre	
4	Cutting in earth work in all heights/depthes and in all kinds of soil such as kankar, moorm, shingle & soft rock and hard rock including their intermediate classification and chiselling/ wedging out rock where blasting is probabited including saturated soiland filling in embankment etc.where necessary and disposal of all excavated un-serviceable materials in all leads and lifts including through Mechancial Transporation the disposal of un-serviceable materials will be done in acquired width of the road or on approved dumping site.Any damage to the private/public property during execution will be restored by the contractor what so ever the nature of the same may be.The serviceable materials will be stacked to specified/ dimensions in all leads and lifts as per direction of the Engineer-in-Charge.	10.69	Cum			Per Cubic Metre	


5	Providing and laying cement concrete 1:4:8 (1 cement:4 sand:8 graded stone aggregate 40mm nominal size) and curing complete excluding cost of form work in (i) Foundation and plinth:	24.94	Cum			Per Cubic Metre	
6	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone aggregate 40 mm nominal size) and curing complete excluding cost of centring and shuttering in Foundation and plinth	2.14	Cum			Per Cubic Metre	
7	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Granular material.	5.70	Cum			Per Cubic Metre	
8	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm 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 directions of the Engineer-in-Charge.	30.00	Rmt			Per Running Metre	


 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:- 1,23,946.00	
Name of Work :--Improvement and widening of road on Mashobra to Craignano road km. 0/000 to 4/000 (SH: C/O R/Wall at RD. 3/145 to 3/152).						Earnest Money :- 2,500.00	
						Time:- 30 Days.	
Sr.No	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5m and a lead upto 20m as per drawing and Technical Specification Clause 1603.1 including carriage carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.50	Cum			Per Cubic Metre	
2	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culvers, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, chiselling/wedging out of rocks,(where blasting is prohibited) as per drawing and MORD technical specifications Clause 305.1, 1104 and 1606.1 and as per direction of the Engineer-in-Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 150mm (One hundred fifty milimetre) compacted thickness including shorting and strutting and pumping and bailing out water (surface and sub soil water) upto all depth and any quantum of water including cleaning of slush which may arise out during dewatering including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.150	Cum			Per Cubic Metre	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:6:12(One cement: Six sand:Twelve graded stone agg.40mm (forty milimetre) nominal size).	3.150	Cum			Per Cubic Metre	
4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:4:8(One cement:Four sand:Eight graded stone agg.20mm (twenty milimetre) nominal size).	22.05	Cum			Per Cubic Metre	

5	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	4.20	Cum			Per Cubic Metre	
6	Providing weep holes in Breast wall/Retaining wall on stone masonry with 100mm & P.V.C. pipe with slop of 1:20 to wards the face complete as per drawing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	18.60	Rmt			Per Runing Metre	
						Total	


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


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Schedule Of Quantity							Estimated Cost:-99,550/-	
Name of work :- Improvement of Black Spots on MRR Via Lakkar Bazar Km .147/735 to 152/980 (Sh:-Providing and fixing of aluminium Cateyes in Km. 149/00 to 152/980 in various locations)							Earnest Money:2,000.00	
							Time:-One Months.	
S.No	Description of Work	No.of Qty.		Rate		Unit	Amount	
				In figures	In words			
1	2	3	Cum	5	6	7	8	
1	Providing and fixing aluminium road Cateyes of 3 M- series 290 ART No.C-1210 with dimension 100*100*20 mm (one hundred into one hundred into twenty millimetre) in Yellow , White and red colour (two way acrylic reflector fixed at site with suitable epoxy and nails as per the specifications and to be entire stasification of the Engineer-In-Charge including carriage of materials including carriage of materials in all leads and lifts.	181.00	No			Each		
						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:-2,80,237.00	
Name of Work :- A/R & M/O to Type-I set No.1 to 18 at Kasumpti Shimla-9 (SH: Providing and fixing Chajja in Type-I set No.1 to 18 at Kasumpti Shimla-9).						Earnest Money :- 5,700.00	
						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
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 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.	950.00	Per Kg.			Per Kilogram	
2	Providing and fixing 0.60mm thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyster (RNP) organic coating of 20 microns over 5 microns primer coating to back coat of polyster of 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks, bolts and nuts 6mm dia metre with prepainted limpet and rubber washers complete with all accesories as required as per the direction of Engineer-in-charge.	40.00	Sqm			Per Square Metre	
3	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. (i) 0.63mm thick sheet.	80.50	Rmt			Per Running Metre	
4	Painting two coats (excluding priming coats) on new steel and other metal surfaces with enamel paints brushiong to give an even shade including cleaning the surfaces 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 enamel paint other than white.	96.92	Sqm			Per Square Metre	
5	Providing scaffolding for providing ceiling in building with 40mm dia metre G.I. pipe complete in all respect including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) MS pipe 40mm (forty millimetre)dia (Medium)	298.92	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-I, H.P.P.W.D., SHIMLA-					Estimated Cost:- 4,33,250.00		
Name of Work :-Improvement & Widening on Shoghi Mehli Junga Sadhupul road km 12/375 to 48/925 (SH:- C/O Extension of RCC slab culvert at Rd 33/800).					Earnest Money :- 8,700.00		
					Time:- 30 Days.		
Sr.N o.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culvers, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, chiselling/wedging out of rocks,(where blasting is prohibited) as per drawing and MORD technical specifications Clause 305.1, 1104 and 1606.1 and as per direction of the Engineer-in-Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 150mm (One hundred fifty millimetre) compacted thickness including shorting and strutting and pumping and bailing out water (surface and sub soil water) upto all depth and any quantum of water including cleaning of slush which may arise out during dewatering including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	78.00	Cum			Per Cubic Metre	
2	Providing form work with steel plates 3.15mm.thick welded with angle iron in frame 30x30x5mm. so as to give a fair finish including centring, huutering, strutting and propping etc. with wooden battens and ballies, height of propping and centring below supporting floor to ceiling not exceeding 4 Mtrs. and removal of the same for insitu-reinforced concrete & plain concrete work in: i) Flat surfaces such as soffits of suspended floors, roofs, landing and the like.. Floors etc. up to 200mm in thickness.	14.40	Sqm			Per Square Metre	
	ii) Vertical surfaces such as walls (any thickness) partitions and the like including attached pillasters buttresses, plinth and string courses and the like	96.00	Sqm			Per Square Metre	
	iii) Edges of slabs and breaks in floors and walls Under 20 cm wide	28.80	Rmt			Per Running Metre	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:4:8(One cement:Four sand:Eight graded stone agg.40mm (forty milimetre) nominal size).	3.12	Cum			Per Cubic Metre	

4	Providing and laying cement concrete 1:2:4 (one cement: Two Sand; four graded stone aggregate 20mm nominal size) and curing complete including cost of form work in: including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge (In Vertical Retaining walls, surface any thickness).	28.80	Cum			Per Cubic Metre	
5	Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 (i) RCC M-25 (1:1.5:3)(One cement: One point five sand:Three graded stone aggregate)ii) Upto 5m height including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.76	Cum			Per Cubic Metre	
6	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1152.00	P/Kg.			Per Kilogramme	
						Total	


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

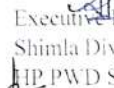
SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 4,96,800.00	
NAME OF WORK: Construction of Car Parking near Auckland Tunnel (SH: Geotechnical investigation for Development of Parking near Auckland Tunnel) (Under Shimla SMART City)						Earnest Money :- 10,000.00	
						Time:- 15 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 (75 millimeter diameter) ranging from 10 metre or 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-Charge.	69.00	Rmt			Per Running 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:- 4,96,800.00	
NAME OF WORK:Construction of Car parking below Indira Gandhi Medical College (SH: Geotechnical investigation from development of Parking) (under Smart City Mission).						Earnest Money :- 10,000.00	
						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 (75 milimeter diameter) ranging from 10 metre or 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 platform 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-Charge.	69.00	Rmt			Per Running Metre	
						Total	

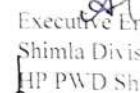

 Executive Engineer.
 Shimla Division No.I,
 H.P. PWD Shimla-3.

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 1,82,266.00	
Name of Work :-A/R & M/O to various residence quarter under Kasumpti Shimla-9 (SH: Laying of new sewer line in Type-I set No.1 to 24 at Brock Hurst Shimla-2).						Earnest Money :- 3,700.00	
						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 floor two level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.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	10.00	Sqm			Per 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).	3.60	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 metres lead as per direction of Engineer - in- Charge.	0.90	Cum			Per Cubic Metre	
4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge. (i) In cement mortar.	0.38	Cum			Per Cubic Metre	
5	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) 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) 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. (i)All kinds of soil	22.50	Cum			Per Cubic Metre	
6	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 milimetre) nominal size)	4.50	Cum			Per Cubic Metre	

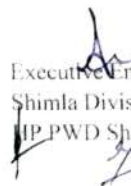
SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 3,90,924.00	
Name of Work :-Special repair to Type-I to VI Qtrs. at Mehli Kasumpti Shimla (SH: Providing and fixing road side Jafri, Polycarbonate sheet in type-VI house at Mehli Shimla)						Earnest Money :- 7,900.00	
						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
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) 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) 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. (i)All kinds of soil	4.86	Cum			Per Cubic Metre	
2	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	2025.00	Per Kg.			Per Kilo-gram.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802.803.1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1:3:6(1cement:3coarse sand):6graded stone aggregate 20mm nominal size)	4.86	Cum			Per Cubic Metre	
4	Providing and fixing polycarbonated sheet 2.00mm thick in lining with galvanised self driven screws complete with all accessories including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	81.80	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-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:-1,77,150.00	
Name of Work :-A/R & M/O to Type-I to III Qtrs. at Mehli Kasumpti Shimla(SH: P/F 1000 Ltrs. Capacity						Earnest Money :- 3,600.00	
PVC water Tank in Block M2 (9 to 16) Type-III at Mehli Kasukpti Shimla).						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 PVC water storage tank of ISI : 12701 marked, G.I. inlet and outlet connection, 15mm nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all heights above ground level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)1000 litres net capacity tank	10.00	Nos			Each	
2	Providing and laying in trenches, galvanised mild steel tubes (medium grade), tube fittings (earth work in trenches to be measured and paid separately)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)15mm nominal bore	168.00	Rmt			Per Running Metre	
	(b) 25mm nominal bore	30.00	Rmt			Per Running Metre	
3	Providing and fixing G.I./M.I Union of following sizes (where not included in the items) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)15mm dia	20.00	Nos			Each	
	(ii) 25mm dia	10.00	Nos			Each	
4	Providing and fixing brass full way valve with wheel including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm nominal bore	20.00	Nos			Each	
						Total	


 Executive Engineer,
 Shimla Division No.I,
 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.						Estimated Cost:- 1,04,044.00	
Name of Work :-A/R & M/O of kitchen in Type- IV Qtrs. at Kasumpti Shimla-9(SH: P/L Tile work, toilet						Earnest Money :- 2,100.00	
Bath W.C.in Type-IV set No.1 at Mehli Kasumpti Shimla-9).						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Demolition above G.L.upto floor two level including disposal of unserviceable materials within 20 metres lead 1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)un-reinforced cement concrete more than 15cm. Thickness.	1.14	Cum			Per Cubic Metre	
2	Dismantling tiled floors laid in mortar upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.lead (wooden/concrete joists to be measured and paid for separately) 1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) For thickness of tiles upto 25mm.	28.77	Sqm			Per Square Metre	
3	Providing and laying cement concrete 1:2:4(1cement 2sand 4graded stone agg.20mm nominal size) and curing complete excluding cost of form work 1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Foundation and plinth	1.14	Cum			Per Cubic Metre	
4	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm. including pointing in white cement mixed with pigment of matching shade complete 1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	30.18	Sqm			Per Square Metre	
5	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand). Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete 1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.51	Sqm			Per Square Metre	
6	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 nominal bore.	9.00	Rmt			Per Running Metre	

7	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 (cement: sand) (Seat and over to be measured & paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Ordinary Closet CERA	1.00	No			Each	
	ii) Anglo Indian (Universal Closet) CERA	1.00	No			Each	
8	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet 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	1.00	No			Each	
9	Providing and fixing vitreous china wash 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) 550mm x 400mm	1.00	No			Each	
10	Providing and fixing vitreous China pedestal for wash basin complete recessed at the back for the reception of pipes and fittings including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
11	Providing and fixing 100mm sand cast iron grating for gully, floor or Nahni trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each	
12	Providing and fixing 600mm x 450mm bavelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
13	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	1.00	No			Each	
14	Providing and fixing 600mm x 120mm glass shelf with C.P. Brass brackets 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.	1.00	No			Each	
15	Providing and fixing chromium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each	
16	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. (i) 15mm dia	2.00	Nos			Each	

17	Providing and fixing C.P. stop cocks including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm dia	6.00	Nos			Each	
18	Providing and fixing 15mm mixer for kitchen sink with top / bottom swinging spout including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
19	Providing and fixing wall mixing faucet for shower and bath with overhead pipe (1210cm) and bath shower including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each	
20	Providing and fixing P.V.C. connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 300/450mm length (i) 15mm nominal bore	6.00	Nos			Each	
21	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm X 75 mm.	3.00	Nos			Each	
22	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.	3.00	Rmt			Per Running Metre	
23	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.	3.00	Nos			Each	
	(b) 75mm dia	4.00	Nos			Each	
24	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. (i) 610 x460 mm with bowl depth 200 mm	1.00	No			Each	
25	Providing and fixing PTMT Coloured / white high density polythelene / 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 ovr 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	2.00	Nos			Each	

26	Providing and fixing PTMT jet spray of approved quality and colour with 1.5 mtr. tube including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Nos			Each	
27	Providing and fixing hand jet faucet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Nos			Each	
						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:- 1,04,487.00	
Name of Work :- A/R & M/O to Type-I to VI Qtrs. at Mehli Kasumpti Shimla (SH: P/F Sprush/pine wood panelling in Master Bed room Type-IV set No.25 and cup board in Kitchen set No.14 & 19 Type-IV Mehli Kasumpti Shimla).						Earnest Money :- 1,800.00	
						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 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) 9mm thick.	15.38	Sqm			Per Square Metre	
2	Providing and fixing pine wood (Sprush wood) panelling in wall with necessary screws etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 12mm thick.	15.38	Sqm			Per Square Metre	
3	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.	15.38	Sqm			Per Square Metre	
4	Applying three coat of sealer filling on new wood and new wood based surfaces to given an even surface including cleaning the surface of alk dirt, dust and sand papering so as to produce a smooth dry and matt surface including stopping & knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	15.38	Sqm.			Per Square Metre	
5	Applying spirit or oil stains (any colour) on wood and wood based surfaces to given an even surfaces including cleaning the surfaces of all dirt, dust and sand papering so as to produce a smooth dry and matt surface including stopping & knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	15.38	Sqm			Per Square Metre	
6	Providing and fixing 19mm (Nineteen milimetre) 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.	19.73	Sqm			Per Square Metre	
7	Providing and fixing 19mm (Nineteen milimetre) thick commercial board water proof shutters for up 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.	5.22	Sqm			Per Square Metre	
8	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	5.22	Sqm			Per Square Metre	

9	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.	6.19	Sqm			Per Square Metre	
10	Providing and fixing square edges cover fillets (beading) 19mmx6mm (Nineteen milimetre into six milimetre) section including 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	40.00	Rmt			Per Running Metre	
11	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	20.00	Nos			Each	
12	Providing and fixing bright finished brass ball catcher 10 mm dia including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	Nos			Each	
13	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.	50.87	Sqm			Per Square Metre	
14	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.	50.87	Sqm			Per Square Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.				Estimated Cost:- 4,14,209.00	
Name of Work :- A/R & M/O type-VI Qtrs. at Mehli Kasumpti, Shimla-9 (SH: Repair of Toilet, Kitchen, Tile work & Cup board set No.9,12 and 19 Type-VI at Mehli Kasumpti Shimla-9)				Earnest Money :- 8,300.00	
				Time:- 60 Days.	

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	1.60	Cum			Per Cubic Metre	
2	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)	81.40	Sqm			Per Square 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. (i)1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	1.60	Cum			Per Cubic Metre	
4	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	96.01	Sqm			Per Square Metre	
5	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), 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.	16.13	Sqm			Per Square Metre	
6	Precast chequered tiles 300x300mm (Three into three hundred milimetre) size hydraulic compressed 20mm thick with marble chips of specified sizes laid in floors, treads of steps and landings on a bed of 25mm(Twenty five milimetre) average thickness of cement mortar 1:6(One cement:Six sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles (wherever required) including rubbing and polishing complete with tiles of following shades including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	11.20	Sqm			Per Square Metre	

7	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.	5.20	Sqm			Per Square Metre	
8	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.	3.64	Sqm			Per Square Metre	
9	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.	3.64	Sqm			Per Square Metre	
10	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.	2.80	Sqm			Per Square Metre	
11	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.	37.74	Rmt			Per Running Metre	
12	Providing and fixing zero degree hinges of approved quality 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 stainless steel channel including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.00	Nos			Each	
14	Providing and fixing glazing in aluminium door, window ventilator shutters and partition etc. with PVC/neoprens 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) Flot Glass 5.5mm(five point five milimetre)	13.24	Sqm			Per Square Metre	
15	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.(a) Froasted glass 5.5mm(five point five milimetre) thick.	13.34	Sqm.			Per Square Metre	
	(b) Plain glass 5.5mm(five point five milimetre) thick.	11.48	Sqm.			Per Square Metre	
16	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. .(i) One or more coats on old work	85.50	Sqm			Per Square Metre	

17	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equarled on undecorated wall surfaces (two coats) to give an even shade and final finish after throughly 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.	626.00	Sqm			Per Square Metre	
18	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.	22.70	Rmt			Per Running Metre	
19	Providing and fixing one piece construction with vitreous china squatting plate with an integral longitudinal flushing pipe, white P.V.C. automatic flushing cistern, with fittings, standard size G.I./PVC flush pipe for back and front flush with standard spreader pipes with fittings, G.I. clamps and C.P. brass coupling complete, including painting of fittings, and cutting and making good the walls and floors etc. wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Hindustan one piece closet Agnese S-220	2.00	Nos			Each	
						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:- 3,96,912.00

Name of Work :- A/R & M/O various residential Qtrs. Type-I to VI at kasumpti Shimla-9 (SH: Repair of Type-III set No.111 and Providing & fixing Cup board in type-III set No.117 shutter in type-IV 109 & 156 at Kasumpti Shimla-9).

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	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	1.20	Cum			Per Cubic Metre	
2	Dismantling tile work laid in cement mortar including stacking of serviceable materials and disposal of unserviceable material within all leads including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.53	Sqm			Per Square Metre	
3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.09	Cum			Per Cubic Metre	
4	Centering and shuttering including strutting, propping etc. and removal of form for (i)Suspended floors, roofs, landings, balconies and access platform including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3,528	Sqm			Per Square Metre	
5	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. (1) Thermo-Mechanically Treated bars of grade Fe-500D or more.	0.05	Tonne			Per Tonne	
6	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.50	Sqm			Per Square Metre	

7	Providing and fixing vitrified floor tiles in different sizes (thickness to be specified by the Engineer-in-Charge) (i) 600x600mm (ii) 300x300mm (iii) 150x150mm (iv) 100x100mm (v) 50x50mm (vi) 25x25mm (vii) 12.5x12.5mm (viii) 6.25x6.25mm (ix) 3.125x3.125mm (x) 1.5625x1.5625mm (xi) 0.78125x0.78125mm (xii) 0.390625x0.390625mm (xiii) 0.1953125x0.1953125mm (xiv) 0.09765625x0.09765625mm (xv) 0.048828125x0.048828125mm (xvi) 0.0244140625x0.0244140625mm (xvii) 0.01220703125x0.01220703125mm (xviii) 0.006103515625x0.006103515625mm (xix) 0.0030517578125x0.0030517578125mm (xx) 0.00152587890625x0.00152587890625mm (xxi) 0.000762939453125x0.000762939453125mm (xxii) 0.0003814697265625x0.0003814697265625mm (xxiii) 0.00019073486328125x0.00019073486328125mm (xxiv) 0.000095367431640625x0.000095367431640625mm (xxv) 0.0000476837158203125x0.0000476837158203125mm (xxvi) 0.00002384185791015625x0.00002384185791015625mm (xxvii) 0.000011920928955078125x0.000011920928955078125mm (xxviii) 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14	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm X 90 mm.	1.00	No.			Each	
	(ii) 110mm x 75mm	1.00	No.			Each	
15	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.	3.00	Rmt			Per Running Metre	
	(ii) 75mm dia	1.20	Rmt			Per Running Metre	
16	Providing and fixing PVC door bed with oval access door, insertion rubber washer 3mm thick bolts and nuts ISI marked complete excluding fixing approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 110mm (one hundred ten milimetre) dia	1.00	No			Each	
	b) 75mm (Seventy five milimetre) dia	1.00	No			Each	
17	Providing/Fixing PVC Single equal branch plain 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. (i) 100mm(one hundred ten milimetre) dia	2.00	No			Each	
	ii) 75mm (seventy five milimetre)dia	1.00	No			Each	
18	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 milimetre) mm dia	1.00	No			Each	
	(b) 75 (Seventy five milimetre) mm dia	1.00	No			Each	
19	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 milimetre) mm dia	1.00	No			Each	
	b) 75 (seventy five milimetre)mm dia	1.00	No			Each	
20	Providing and fixing C.P. grating for floor traps or Nahani trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 100mm dia	3.00	Nos			Each	

21	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. (i) 15mm dia	3.00	Nos			Each	
22	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. (i) 610 x 460 mm with bowl depth 200 mm.	1.00	No			Each	
23	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	10.08	Sqm			Per Square Metre	
24	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 (Forty milimetre) thick 2nd class deodar wood	4.68	Sqm			Per Square Metre	
25	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 milimetre)	4.00	Nos			Each	
26	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	4.00	Nos			Each	
27	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.	8.00	Nos			Each	
28	Providing and fixing brass full way valve with wheel including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm nominal bore	1.00	No			Each	
	(b) 20mm nominal bore	1.00	No			Each	
	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.	59.55	Sqm			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.	19.42	Sqm			Per Square Metre	

30	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.	34.49	Sqm			Per Square Metre	
31	Providing and fixing square edges cover fillets (beading) 50mmx12mm 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	110.00	Rmt			Per Running Metre	
32	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	45.22	Rmt			Per Running Metre	
33	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	
34	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	60.00	Nos			Each	
35	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) 9mm thick.	56.08	Sqm			Per Square Metre	
	(b) 6mm thick.	18.43	Sqm			Per Square Metre	
36	Marble work (table rubbed and polished for walls lining) Veneer work 4cm. thick in cement mortar 1:3 (1 cement:3 sand) including pointing with white cement mortar 1:2 (1 white cement: 2 marble dust) with an admixture of pigment to match the marble shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Baroda Green Marble (a) 20mm thick .	0.72	Sqm			Per Square Metre	
37	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	60.00	Sqm			Per Square Metre	
38	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 finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-	50.00	Sqm			Per Square Metre	

39	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) One or more coats on old work	300.00	Sqm			Per Square Metre	
40	Applying priming coat over new wood and wood based surfaces after and i.e 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 with white lead for priming.	300.00	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.

Estimated Cost:- 4,18,342.00

NAME OF WORK:- Improvement and widening of Elysium to Devidhar road (SH: C/O Breast Wall at RD.

Earnest Money :- 8,400.00

2/370 to 2/376)

Time:- Two Months

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Cutting and disposal of earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site 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 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 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.	14.28	Cum			Per Cubic Metre	
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) 1:4:8 (one Cement : four coarse sand) : eight graded stone aggregate 20 mm(twenty milimetre) nominal size)	91.56	Cum			Per Cubic Metre	
3	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.	15.00	Rmt			Per Running 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-2						Estimated Cost - 134828.00	
Name of Work :- Improvement of Curve in Challanda Link road Km 0/00 to 4/800 (SH :- Widening of curves between RD 1/440 to 1/470).						Earnest Money - 1,900.00	
						Time - 30 Days	
Sr No	Description of Work / Item (S)	No of Qty		Estimated Rate		Unit	Amount
				in figures	in words		
1	Cutting in earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site, according to the H.P.P.W.D. specification of 1990 (one thousand nine hundred ninety) volume-I (one) 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. The recover of soones, whether use full or not, for 82.08 Cum @ 300/- (Three hundred only) per Cubic metre shall be effected on pro rata bases in all circumstances. Any loss to the public and private propriety 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.	492.50	Cum			Per Cum Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost - 2,14,600.00	
Name of Work :- A/R & M/O tovarious residence quarter at Kasumpti Shimla-9 (SH: Painting/ Distempering work in Type-V set No.23,12,17,22 and Vacation/ due at Kasumpti Shimla-9).							Earnest Money :- 4,300.00	
Sr. Description of Work / Item (S)							Time:- 30 Days.	
No		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.	400.00	Sqm			Per Square Metre		
2	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.	350.00	Sqm			Per Square Metre		
3	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (one or more coats)	250.00	Sqm			Per Square Metre		
4	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.	700.00	Sqm			Per Square Metre		
	(b) With enamel paint other than white.	400.00	Sqm			Per Square Metre		
5	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.	350.00	Sqm			Per Square Metre		
	(b) With enamel paint other than white.	100.00	Sqm			Per Square Metre		
6	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 Enamel paint white.	200.00	Sqm			Per Square Metre		
7	Extra over item No. 6 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 Enamel paint white.	100.00	Sqm			Per Square Metre		

8	Applying a coat of mordant solution on G.S. sheet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)With a solution of 38 gms of copper acetate in a litre of soft water	20.00	Sqm			Per Square Metre	
9	Finishing wall with weather proof exterior grade emulsion of approved design (Apesultima) or its equarlised 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.	200.00	Sqm			Per Square Metre	
10	Wall painting (two coats) with acrylic emulsion paint of approved brand and manufacture for interior grade on undecorated concrete/stone/plastered wall surfaces to give an even shade including t thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth including applying of putty a required for metling the surface including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	700.00	Sqm			Per Square Metre	
11	Polishing two coat with french polish of required shade on old wood and wood based surface 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.	100.00	Sqm			Per Square Metre	
						Total	


 Executive Engineer,
 Shimla Division No.1,
 HP PWD Shimla-5.



SCHEDULE OF QUANTITY


Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 2,36,276.00		
Name of Work :- Widening & Improvement of Baldeyan to Dharampur road Km 0/00 to 10/000 (SH:- C/O Retaining wall at RD. 7/035 to 7/044). (Balance work)					Earnest Money :- 4,800.00		
					Time:- 30 Days.		
Sr.No	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5m and a lead upto 20m as per drawing and Technical Specification Clause 1603.1 including carriage carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	29.97	Cum			Per Cubic Metre	
2	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culvers, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, chiselling/wedging out of rocks,(where blasting is prohibited) as per drawing and MORD technical specifications Clause 305.1, 1104 and 1606.1 and as per direction of the Engineer-in-Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 150mm (One hundred fifty milimetre) compacted thickness including shorting and strutting and pumping and bailing out water (surface and sub soil water) upto all depth and any quantum of water including cleaning of slush which may arise out during dewatering including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.96	Cum			Per Cubic Metre	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:6:12(One cement: Six sand:Twelve graded stone agg.40mm (forty milimetre) nominal size).	3.96	Cum			Per Cubic Metre	
4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:4:8(One cement:Four sand:Eight graded stone agg.20mm (twenty milimetre) nominal size).	42.03	Cum			Per Cubic Metre	

5	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	1.26	Cum			Per Cubic Metre	
6	Providing weep holes in Breast wall/Retaining wall on stone masonry with 100mm & P.V.C. pipe with slop of 1:20 to wards the face complete as per drawing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	14.00	Rmt			Per Runing Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 99,999.00	
Name of Work :- A/R & M/O various Type-III & Type-IV GAD Qtrs. at Parimahal , Kasumpti, Shimla-9 (SH: P/L chequerred tiles in gully of type-IV Block 57 to 62 under Parimahal Section).						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	Demolition below G.L. upto 1.50 metres depth and disposal of unserviceable materials upto all leads to a site approved by M.C. surrounding Shimla City including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Unreinforced cement concrete upto 15 cm. thickness.	1.99	Cum			Per Cubic Metre	
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) 1:3:6 (One Cement : three coarse sand) : six graded stone aggregate 20 mm (twenty milimetre) nominal size)	2.51	Cum			Per Cubic Metre	
3	Precast chequerred tiles hydraulic compressed 20 mm(twenty milimetre) thick with out marble chips specified sizes laid in floors, treads of steps and landings on a bed of 25 mm(twenty five milimetre) average thickness of cement mortar 1:6 (one cement :six sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles (wherever required) incliding rubbing and polishing complete with tiles of following shades including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. MAKE NTC OR EQUIVALENT	50.10	Sqm			Per Square Metre	
4	Steel work rivetted in built up sections including cutting,hoisting, fixing,in position and applying a priming coat of red lead paint including carriage of material in all leads and lifts as per direction of the Engineer-in-charge.(a) In grating,Framed guards,bars,ledders railings,brackets & similar works.	204.45	Kgs.			Per Quintal	
						Total	


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