

Himachal Pradesh
Public Works Department
No. PW-SD-I-CTR- Tender-NIT/2021-22-18658-59 Dated:- 17/12/21

To

The Executive Engineer (IT Cell)
Nigam Vihar Shimla.

Subject :-

Publication of Tender Notice.

Jai Hind

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

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


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

Copy forwarded to for further necessary action please.

1. The Superintending Engineer 4th Circle HPPWD Shimla .


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

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

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

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:-

24-12-2021 upto 4:00 PM
27-12-2021 upto 4:00 PM
28-12-2021 up to 10:30 AM
28-12-2021 up to 11:00 AM

Sr. No.	Name of Work	Estimated cost	EMD(Rs.)	Cost of Tender (Rs.)	Time Limit	Eligible class of Contractor
1	Improvement and widening of Shimla mandi road km. 6/00 to 22/00 (SH:- C/O B/wall between RD. 11/150 to 11/156).	361682/-	7300/-	350/-	30 days	Class-D
2	Construction of cheog bye pass road in km. 0/00 to 0/180 (SH:- R/wall earthen filling M/T V-shape drain RCC slab culvert etc).	99400/-	2000/-	350/-	30 days	Class-D
3	Improvement of shoghi Mehli Junga Sadhupul road km. 12/375 to 48/925 (SH:- Improvement of Curve Between Rd. 29/210 to 29/252).	99943/-	2000/-	350/-	30 days	Class-D
4	Improvement and widening of chotta Shimla Kasumpti panthaghati road Shimla (SH:- RE-fixing of road side railing in chotta Shimla Kasumpti panthaghati road at Rd. 0/690 to 0/810 Brock Hurst).	390351/-	7900/-	350/-	60 days	Class-D
5	Improvement of old Kasumpti Junga road km. 0/00 to 11/200 (SH:- C/O v.shape Drain in km. /100 to 3/00).	249469/-	5000/-	350/-	30 days	Class-D
6	Providing white washing /painting of painting of police complex Block -A Kalini Shimla -2 (SH:- Exterior and interior painting of police complex Block A Khalini Shimla-2).	498156/-	10000/-	350/-	60 days	Class-D
7	A/R & M/O to Tribal Bhawa at Dhalli Shimla (SH:- Repair of toilets at Tribal Bhawa building set No. 605, 501, 502 & 503).	99953/-	2000/-	350/-	60 days	Class-D
8	Improvement & widening on Gumma to Jabbal road km. 0/00 to 2/240 (SH:- C/O B/wall between Km. 2/096 to 2/099).	99608/-	2000/-	350/-	30 days	Class-D
9	R.R.D on kufri Janedghat and kufri Bazar road laying by OFC km. 0/00 to 25/00 (SH:- Repair of pot holes between Km. 16/070 to 17/200 on Chalanda piran road).	242698/-	4900/-	350/-	30 days	Class-D
10	Improvement and widening to various roads under Kasumpti sub Division Shimla-9 (SH:- C/O Retaining wall in front of type-III set nO.25 at Brock Hurst)	157687/-	3200/-	350/-	60 days	Class-D
11	A/R & M/O Non Residential Building of Mechanical office Building at Dhalli (SH:- C/O breast wall and Retaining wall behind circle office in Mechanical building).	176120/-	3600/-	350/-	30 days	Class-D
12	C/O Alampur to Bhalawag road km. 0/00 to 1/300 (SH:- providing laying 30mm thick bituminous concrete at km. 0/00 to 0/395).	474851/-	9500/-	350/-	30 days	Class-D
13	Improvement of Black spot on MRR via Chotta Shimla road km. 145/00 to 156/640 (SH:- P/F duel directional convert national road stud in km. 152/00 to 154/350).	99900/-	2000/-	350/-	30 days	Class-D
14	Improvement of Black spot on Shimla Mandi road km. 6/00 to 22/00 (SH:- P/F duel directional conver national road stud in km. 6/00 to 22/000).	99900/-	2000/-	350/-	30 days	Class-D
15	Improvement & widening on Fagu to Cheog road km. 0/00 to 5/400 (SH:- Maintenance of earthen shoulder between Rd. 0/00 to 2/00).	99101/-	2000/-	350/-	30 days	Class-D
16	Construction of Mashobra seepur road km. 0/00 to 2/735 (SH:- C/O unlined surface drain and removal of slips in km. 0/00 to 2/735).	200531/-	4100/-	350/-	30 days	Class-D
17	A/R & M/O various residential qtrs type-I to VI at Kasumpti Shimla-9 (SH:- providing and laying PVC flooring in type-III set nO.126 at Kasumpti Shimla-9).	69261/-	1400/-	350/-	30 days	Class-D
18	Improvement and widening to Shiv Mandir to Shakti vihar road km. 0/00 to 1/500 (SH:- Construction of Retaining wall between RD. 0/074 to 0/100 on Shiv Mandir to Shakti Vihar road under parimahal section).	373111/-	7500/-	350/-	60 days	Class-D
19	A/R & M/O to various residential quarter at Kasumpti Shimla-9 (SH:- renovation of toilet , bath , kitchen and minor repair work in type-VI set No.7 at Kasumpti Shimla-9).	278492/-	5600/-	350/-	30 days	Class-D
20	A/R & M/O to challanda piran road km. 0/00 to 28/020 (SH:- Maintenance of Earthen shoulder, Mainteance of Drain and culvert trimming of Grass between Rd. 0/00 to 3/00).	99965/-	2000/-	350/-	30 days	Class-D
21	A/R & M/O Elysium to Devidhar road km. 0/00 to 16/300 (SH:- Patch work at various RDs).	252248/-	5100/-	350/-	30 days	Class-D

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

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

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

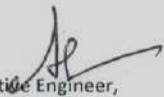
Executive Engineer,
Shimla Division No-I.,
HPPWD, Shimla-3.

No.PW-SD-I/CB-Tender/21-22-
Copy forwarded to :-

18660-70

Dated :- 17/12/21

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.


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.F.W.D., SHIMLA-3.			Estimated Cost:- 3,61,682.00			
Name of Work :-Improvement and widening of Shimla Mandi road km.6/000 to 22/000 (SH: C/O B/Wall between RD. 11/150 to 11/156).			Earnest Money :- 7,300.00			
			Time:- 30 Days.			
Sr.N o.	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 of materials in all leads and lifts as per directions of the Engineer-in-Charge.	49.68			Per Cubic Metre	
2	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culverts, 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 APPROVED technical specifications Clause 805.1, 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.	6.96			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).	3.84			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 millimetre) nominal size).	65.64			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.	0.84			Per Cubic Metre	

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.				Estimated Cost:-99,400.00	
Name of Work :- Construction of Cheog bye pass road in Km. 0/00 to 0/180 (SH: R/Wall earth filling M/T V-shape drain, RCC slab culvert etc.)				Earnest Money :- 2,000.00	
Sr. Description of Work / Item (S)				Time:- 30 Days.	
No		No. of Qty.	Estimated Rate	Unit	
				In figures	In words
1	Carryout planning and monitoring Geo-technical investigation and sub surface exploration at the proposed location of the bridge/Building by drilling bore holes as per IS 2800-1979 using percussion/calyx/RC ODEX/method required for drilling in collapsible strata conglomerate boulders, babbies, sand, gravel, silt clay etc. including cost of attachment extractable casing consumable stones, bits water, POL gravel pack in annular space etc. complete in all respect within all leads and lifts of material and as per directions of the Engineer-in-Charge.	14.00	Rmt	Per Running 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-1, H.P.P.W.D., SHIMLA-3.					Estimated Cost: 99.943.00	
Name of Work :- Improvement of Shoghi Mehli Junga Sadhupul Road Km 12/375 to 48/925.((SH:- Improvement of Curve Between Rd 29/210 to 29/252).					Earnest Money :-2,000.00	
					Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No.of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	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 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 (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 stones, wheather use full or not, for 34.99 Cum @ 170/-(One hundred seventy) 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.	343.92	Cum		Per Cubic Metre	
					Total	

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

DRAFT SCHEDULE OF QUANTITY

DRAFT SCHEDULE OF QUANTITY							
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.				Estimated Cost:- 3,90,351.00			
Name of Work :- Improvement and widening of Chotta Shimla Kasumpti Panthaghati road Shimla-9 (SH: Re-fixing of road side railing in Chotta Shimla Kasumpti Panthaghati road at RD.0/690 to 0/810 Brock Hurst)				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	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 (fifty)metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Nominal concrete 1:3:6(One cement :three sand: six graded stone aggregate) (one or richer mix (i/c equivalent design mix).	9.72	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) 1:2:4 (One cement : two coarse sand) : four graded stone aggregate 20 mm(twenty milimetre) nominal size)	9.72	Cum			Per Cubic Metre	
3	Providing corrugated G.I. sheet roofing including vertical/ curved surface fixed with polymer coated J or L hooks bolts and nuts 8mm dia meters with bitumen & G.I. limpet washers filed 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 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)0.63mm thick sheet. (Labour rate)	162.00	Sqm			Per Square Metre	
4	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. (a) Through rate.	1415.80	Kg.			Per Kilogram	
	(b) Labour rate	500	Kg.			Per Kilogram	
5	Dismantling steel work in single sections including distempering and stacking with 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Channels, angles, tees and flats	50.00	Kg.			Per Kilogram	
6	Painting two coats (excluding priming coat) on new steel and other metal surfaces with enamel paint, brush in to give an even shade i/c cleaning the surface of all dirt, dust and other foreign matters including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Enamel paint other than white.	50.00	Sqm.			Per Square Metre	

7	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. Carriage of Material HP PWD store Bemlooe to Brock Hurst (a) Labour rate.	5280.00	Kgs.			Per kilogram	
						Total	


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

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY						
Tender Inviting Authority:EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.			Estimated Cost: 2,49,469.00			
Name of Work :- Improvement of old Kasumpti Junga road Km 0/00 to 11/200 (SH: C/O V.Shape Drain in KM. 2/100 to 3/000).			Earnest Money :-5,000.00			
			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 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.	66.28	Cum		Per Cubic Metre	
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802,803,1202 & 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. I. P.C.C. grade M 10 (i) Nominal mix 1:3:6 (1cement :3sand:6graded)	42.90	Cum		Per Cubic Metre	
					Total	


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

	ESTIMATED	ACTUAL
QUANTITY	100	100
PRICE	10	10
TOTAL REVENUE	1000	1000
AVERAGE PRICE	10	10
MARGINAL REVENUE	10	10
MARGINAL COST	10	10
PROFIT	0	0

SCHEDULE OF QUANTITY	
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Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.			Estimated Cost:-4,98,156.00	
Name of Work :- Providing white washing/painting of Police complex Block-A Khalini Shimla-2(SH: Exterior and interior Painting of Police complex Block A Khalini Shimla-2).			Earnest Money :- 10,000.00	
Description of Work / Item (S)			Time:- 60 Days.	
Sr. No	No. of Qty.	Estimated Rate	Unit	
			In figures	In words
				Amount
1	200.00	Sqm	Per Square Metre	
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.				
2	2629.00	Sqm	Per Square Metre	
Distemping(one coat) with oil bound washable distemper of approved brand and manufacture and of required shade, on decorated wall surfaces to give an even shade, after thoroughly brushing the surface lean of all grease, dirt, loose pieces of scales and also including preparing the surface even and sand papered smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.				
3	1500.00	Sqm	Per Square Metre	
Extra for every subsequent coat of distemping 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.				
4	1600.00	Sqm	Per Square Metre	
Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equivalent on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly leaning the surface to remove all dirt, dust and other foreign matter etc., including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.				
5	500.00	Sqm	Per Square Metre	
Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.				
6	1000.00	Sqm	Per Square Metre	
Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With white enamel paint.				
b) With white enamel paint.				

Estimated Cost:	-4,98,156.00
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Total.

~~Dr. P. D. Sharma;~~

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- 99,953.00	
Name of Work :-A/R & M/O to Tribal Bhawan at Dhalli Shimla (SH: Repair to toilets at Tribal Bhawan Building Set No.605,501,502 & 503)							Earnest Money :- 2,000.00	
Sr. Description of Work / Item (S)							Time:- 30 Days.	
No		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 within 20 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. (i) For thickness of tiles above 25mm and upto 40mm	48.00	Sqm		Per Square Metre			
2	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. (i) Size of Tile 500x500 mm	16.00	Sqm		Per Square Metre			
3	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.	32.00	Sqm		Per Square Metre			
4	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) W.C. pan with ISI marked white solid plastic seat and lid.	4.00	Nos		Each			
5	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm nominal bore	20.00	Nos		Each			

6	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	16.00	Nos		Each	
7	Providing and fixing C.P. Brass pillar tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 15mm dia	4.00	Nos		Each	
8	Providing and fixing C.P. single level telephone wall mixer of quality & make as per approved of the Engineer-in-Charge.	1.00	Nos		Each	
9	Providing and fixing C.P. Brass connection pipe with brass union 45 cm length 15 mm nominal bore including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 15mm dia	16.00	Nos		Each	
10	Providing and fixing PLMT jet sprayer of approved quality and colour with a 1.5 mtrs. tube including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos		Each	
11	Providing and fixing Chlorinated polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one steps CPVC solvent cement. trenching, refilling & testing of joints complete as per directions of the Engineer-in-Charge. 15 mm nominal outer dia pipe.	44.00	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:- 99,608.00	
Name of Work :-Improvement & Widening on Gumma to Jabbal road km.0/000 to 2/240 (SH: C/O B/Wall between Km. 2/096 to 2/099).										Earnest Money :- 2,000.00	
										Time:- 30 Days.	
Sl.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 of materials in all leads and lifts as per directions of the Engineer-in-Charge.	12.84	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 1006.1 and as per direction of the Engineer-in-Charge including setting out, construction of shooting 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.	1.44	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).	1.44	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 millimetre) nominal size).	17.49	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 slope 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.	5.00	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.
NAME OF WORK: R. R. D on Kufri Janedghat and Kufri Bazar road Laying by OFC Km 0/00 to 25/00.(SH: Repair of Pot holes between Km Rd 16/070 to 17/200 on Chhalanda Piran road).
Estimated Cost:- 2,42,698.00
Earnest Money :- 4900.00
Time:- 30 Days

Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Repair to pot holes and removal of loose material trimming the sides, cleaning of surface by providing tack coat, 20mm thick premix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1202.37	Sqm		Per Square Metre	
	Bitumen will be supplied by the PWD Department free of cost				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.

Name of Work :- Improvement and widening to various roads under Kasumpti Sub-Division Shimla-9 (SH: C/O Retaining Wall in front of Type-III set No.25 at Brock Hurst).

Estimated Cost:- 1,57,687.00
Earnest Money :- 3,200.00
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	12.47	Cum			Per Cubic Metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre)on plan) in all kinds of soil. including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be 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.	2.15	Cum			Per Cubic Metre	

3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	29.03	Cum			Per Cubic Metre	
4	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.	10.00	Rmt			Per Running 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.	1.20	Cum			Per Cubic Metre	
6	Disposal of surplus earth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	14.62	Cum			Per Cubic Metre	
						Total	


 Executive Engineer.
 Shimla Division No.L.
 IP PWD Shimla-3.

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- 1,76,120.00	
Name of Work :- A/R & M/O Non Residential Building of Mechanical Office Building at Dhalli (SH: C/O							Earnest Money :- 3,600.00	
Breast Wall and Retaining Wall behind Circle office in Mechanical Building)							Time:- One month	
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount		
			In figures	In words				
2	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	33.07	Cum		Per Cubic Metre			
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre) on plan) in all kinds of soil, including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be duly compensated by him at his on cost in all cases, including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	10.02	Cum		Per Cubic Metre			

3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 1:4:8 (one Cement : four coarse sand) : eight graded stone aggregate 20 mm (twenty millimetre) nominal size)	34.61	Cum			Per Cubic Metre	
4	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.	4.53	Cum			Per Cubic Metre	
5	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 width 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.	46.00	Rmt			Per Running Metre	
						Total	


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

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY									
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.									
Name of Work :- Construction of Alampur to Bhalawag road km 0/00 to 1/300.((SH):- Providing Laying 30mm thick bituminous concrete at km 0/00 to 0/395).									
Estimated Cost:- 4,74,851 .00									
Earnest Money :- 9500.00									
Time:- 30 Days.									
Sr.N o.	Description	Qty.	Rates in			Unit	Amount		
			Figs	Words					
1	2	3	4	5	6	7			
1	Providing and applying tack coat using bitumen emulsion conforming to IS: 8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom on bituminous surfaec @ 0.25kg/Sqm including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1202.00	Sqm		Per Square Metre				
2	Providing and laying 30mm (thirty millimetre) thick bituminous concrete with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour crushed aggregates of specified grading, premixed with bituminous binder @ 5.40 to 5.60 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification Clause No.508 Including carriage of materials in all leads and lifts as per direction of the Engineer in Charge .	1202.00	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:- 99,900.00	
Name of Work :- Improvement of Black Spot on MRR Via Chotta Shimla road Km.145/00 to 156/640 (SH: P/F duel directional conver national road stud in Km. 152/000 to 154/350)				Earnest Money :- 2,000.00	
				Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Amount
			In figures	In words	
1	Providing and fixing Duel Directional Conver national road stud of impact resistant aluminium body of base 110*120mm and of height 120mm with provision to fix over (or near to) the curb-stone with steel screws, Oblique surface 90*90mm both side laminated with high intensity prismatic yellow reflector CAT PART No.GPL-30-20 Make GREENS/ GREENLITE including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	222.00 Nos			Each
					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:- 99,900.00	
Name of Work :- Improvement of Black Spot on Shimla Mandi road Km.6/000 to 22/000 (SH: P/F duel directional conver national road stud in Km. 6/00 to 22/000)				Earnest Money :- 2,000.00	
				Time:- 30 Days.	
				Estimated Rate	Unit
Sr. No	Description of Work / Item (S)	No. of Qty.	Nos	Estimated Rate	Amount
				In figures	
1	Providing and fixing Duel Directional Conver national road stud of impact resistant aluminium body of base 110*120mm and of height 120mm with provision to fix over (or near to) the curb-stone with steel screws, Oblique surface 90*90mm both side laminated with high intensity prismatic yellow reflector CAT PART No.GPL-30-20 Make GREENS/ GREENLITE including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	222.00			Each
					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:- 99,101.00	
Name of Work :-Improvement & Widening on Fagu to Cheog road km.0/000 to 5/400 (SH: Maintenance of Earthen Shoulder Between RD . 0/000 to 2/000).						Earnest Money :- 2,000.00	
						Time:- 30 Days.	
Sr.N o.	Description	Qty.	Rates in		Unit	Amount	
			Figs	Words			
1	2	3	4	5	6	7	
1	Maintenance of Earthen Shoulder (Filling with fres selected soil) Making un loose Material / irregullarties on shoulders to the desion level by adding fresh approved slected slected soil and compacting it with appropreese equipment at OMC up to a lead of 1000 metre as per technical specification Clause 1603.	3348.00	Sqm		Per Square Metre		
					Total		

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

ESTIMATED COST: Rs. 2,00,531/- only
EARNEST MONEY: Rs. 4,100/- only.

TIME ALLOWED : One month.

SCHEDULE OF QUANTITIES

NAME OF WORK: Construction of Mashobra Seepur road Km.0/00 to 2/735 (SH: C/O unlined surface drain and removal of slips Km.0/00 to 2/735).

Sr.N o.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1	2	3	4	5	6	7
1	Surface drains in Ordinary Rock Construction of unlined surface drain of average cross-sectional area 0.4 sqm in ordinary rock to specified lines, grades, levels and dimensions as per approved design and Technical Specification Clause 307. Excavated material to be used in embankment at site including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Mechanical Means	2747.00	Rmt		Per Running Metre	7
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.						
Name of Work :- A/R & M/O various residential Qtrs. type-I to VI at Kasumpti, Shimla-9 (SH: Providing and laying PVC flooring in Type-III set No.126 at Kasumpti Shimla-9).						
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 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.	32.96	Sqm		Per Square Metre	
2	Providing and fixing 1.50mm(One point five zero milimetre) thick PVC antistatic vinyl Flooring plain or coloured,carbed or mosaic/metalled finish laid with approved adhesive on sub-floor(damp proofing treatment to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.MAKE LG	47.47	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.W.D., SHIMLA-3.				Estimated Cost:- 3,73,111.00	
Name of Work :- Improvement and widening to Shiv Mandir to Shakti Vihar road Km.0/000 to 1/500 (SH: Construction of Retaining Wall between RD. 0/074 to 0/100 on Shiv Mandir to Shakti Vihar road under Parimahal Section).				Earnest Money :- 7,500.00	
				Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		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	16.51	Cum		Per Cubic Metre
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre) on plan) in all kinds of soil, including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be duly compensated by him at his on cost in all cases, including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	16.51	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).	4.03	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) 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	63.05	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.	10.79	Cum		Per Cubic Metre	
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 width of the structures with slope 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.	61.10	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.F.P.W.D., SHIMLA-3.									
Name of Work :- A/R & M/O to various residential quarter at Kasumpti Shimla-9 (SH: Renovation of Toilet , Bath, Kitchen and minor repair work in Type-VI set No.7 at Kasumpti Shimla-9)									
Estimated Cost:- 2,78,492.00									
Earnest Money :- 5,600.00									
Time:- 60 Days.									
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount		
				In figures	In words				
1	Dismantling tiled floors laid in mortar upto all floor level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.(Twenty metres)lead (wooden/concrete joists to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) For thickness of tiles upto 25mm(Twenty milimetre)	21.18	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).	0.43	Cum			Per Cubic Metre			
3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of un-serviceable material within 50 metres lead as per direction of Engineer - in-Charge.	0.07	Cum			Per Cubic Metre			
4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of un-serviceable material within 50 metres lead as per direction of Engineer-in-Charge. (i) In cement mortar.	0.07	Cum			Per Cubic Metre			
5	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(l) Of area 3 sq. metres and below	2.00	Nos			Each			
6	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.50	Sqm			Per Square Metre			
7	Disposal of building rubbish / malba / similar un-serviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	1.06	Cum			Per Cubic Metre			
8	Providing and laying Kayaria Eternity ceramic tiles in grey/coloured of required shade in skirting risers of steps and dados on 12mm thick cement mortar 1:3 (1cement:3 sand)laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete shade No.17007 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	16.20	Sqm			Per Square Metre			

9	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm (twenty millimetre) thick cement mortar 1:4 (One cement : four coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Size of tile 600x600mm (six hundred into six hundred millimetre)	4.98	Sqm	Per Square Metre
10	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 millimetre) nominal bore.	18.00	Rmt	Per Running Metre
11	Providing and fixing paneled glazed or paneled and glazed shutters for doors windows and clerestory windows including black enameled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 40mm thick i) 2nd Class Deodar Wood.	2.70	Sqm	Per Square Metre
12	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 40mm thick 2nd class deodar wood	0.53	Sqm	Per Square Metre
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.	10.00	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.	10.00	Sqm	Per Square Metre
15	Providing and fixing PVC floor trap of self cleaning design with sand cast iron screwed down or hinged grating without vent arm complete including cost of cutting and making goods the wall and floors including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 75mm nominal diameter.	3.00	Nos	Each
16	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 110 mm dia.	6.00	Rmt	Per Running Metre
17	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110 (one hundred ten millimetre) mm dia	2.00	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	2.00	No		Each	
19	Providing and laying marble work (Table rubbed and polished) in flooring 20mm thick base in cement mortar 1:3(1cement:3sand) including jointing with cement mortar 1:2(1 white cement: 2 marble dust) with an admixture of pigment to match the shade of the marble. 20mm thick white green marble including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.44	Sqm		Per Square Metre	
20	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. (a) 610 x 510 mm (six hundred ten into five hundred ten milimetre) with bowl depth 200 mm (two hundred milimetre).	1.00	No		Each	
21	Providing and fixing C.P. brass waste for wash basin or sink including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 32 mm (thirty two milimetre) dia	1.00	No		Each	
22	Providing & fixing 32 mm (thirty two milimetre) dia, PVC waste pipe for wash basin or sink including check nut including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each	
23	Providing and fixing 100mm C.P. grating for gully, floor or Nahni trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos		Each	
24	Providing and fixing PVC connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 450mm length (i) 15mm nominal bore.	5.00	Nos.		Each	
25	Providing and fixing vitreous china wash down water closet (European type W.C. pan) with integral P or S trap including jointing the trap with soil pipe in cement mortar 1:1 (One cement:one sand) (seat and cover to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. One piece OPC Elba single piece-WC 2205 with it seat cover and all accessories. Hindware.	1.00	No		Each	
26	Providing and fixing C.P. health faucet with pipe and hook including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. make essess cat No.C-232 Y Pura lite HF.	1.00	No		Each	
27	Providing and fixing upper single lever concealed diverter high flow and regular flow 40mm(push type) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. DE33IP and singler lever concealed diverter body high flow (push type)-B2DV202	1.00	No		Each	
28	Providing and fixing PVC designer vanity wash basin with full cover including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. 24"x18"	1.00	No		Each	

29	Providing and fixing C.P. Brass towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. brass screws make ESSESS cat No.AC-701 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each
30	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. Make ESSESS cat No.DE 12.	1.00	No			Each
31	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 Make ESSESS cat No.DE 04.	9.00	Nos			Each
32	Providing and fixing bib cock(Foam flow) with wall flange including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make ESSESS cat No.DE 02.	1.00	No			Each
33	Providing and fixing single lever basin mixer without pop-cup waste system with 450mm long flexible house DE-21 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	1.00	No			Each
34	Providing and fixing overhead shower including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make ESSESS cat No.OH-107A	1.00	No			Each
35	Providing and fixing Bath tub Spout including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make ESSESS cat No.DE-14.	1.00	No			Each
36	Providing and fixing C.P. Brass towel bracket complete fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make ESSESS cat No.AC-708 (61 cm)	1.00	No			Each
37	Providing and fixing Viking Glass corner complete fixed to wooden plugs with C.P. brass including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.make Viking.	7.00	Nos			Each
38	Providing and fixing Viking Glass shelf complete fixed to wooden plugs with C.P. brass including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.make Viking.	1.00	No			Each
39	Providing and fixing C.P. Brass towel ring complete fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.make essess cat No.AC-702	1.00	No			Each
40	Providing and fixing Tumbler Holder complete fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each
41	make essess cat No.AC-704 Providing and fixing seat cover for OPC Elba Hindware complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make Hindware.	1.00	No			Each
42	Providing and fixing Robe Hook complete fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.make essess cat No.PE-5.	5.00	Nos			Each

43	Half brick masonry with non modular fly ash bricks of class designation 10, conforming to IS :12894, in super structure above plinth and upto floor V level. (i) Cement mortar 1 : 4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.84	Sqm			Per Square Metre
44	15mm cement plaster on rough side of single of half brick wall of mix 1:4 (cement: 4sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.84	Sqm			Per Square Metre
45	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125mm	6.00	Nos			Each
46	Providing and fixing anodized aluminium sliding door bolts anodized colour and shade with bolts and nuts screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 250x16mm (two hundred fifty into sixteen milimetre)	2.00	Nos			Each
47	Providing and fixing aluminium tower bolts(barrel type)anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 200x10mm	2.00	Nos			Each
48	Providing and fixing Hydraulic door closer with nuts and screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each
49	Providing and fixing moulded triangle edged cover fillets (corner)40mmx20mm section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 1st class kail wood	3.00	Rmt			Per Running Metre
50	Extra for marble work for nosing/corner strength over plain marble work including returned moulded ends and angles to mouldings etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Rmt			Per Running Metre
51	Providing and fixing concertina coil fencing with punched tape concertina coil 600mm dia 10 metre openable length (total length 90m), having 50 nos rounds per 6 metre length upto 3m height of wall with existing angle iron "Y" shaped placed 2.4m or 3.00m apart and with 9 horizontal R.B.T. reinforced barbed wire stud tied with G.i. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-Charge, with reinforced barbed tape(R.B.T./Spring core(2.5mm thick) wire of high tensile strength of 165kg./sq.mm with tape(0.52mm thick) and weight 43.478gm/metre (cost of M.S. angle , C.C. blocks shall be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	70.00	Rmt			Per Running Metre

52	Providing and fixing top cover for rolling shutters . Shutters having width 3.5metres and above including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Rmt		Per Running Metre	
53	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers,abutments, pillars, posts, struts, butteresses, string or lacing courses, parapets, coping bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc. into floor five level excluding the cost of centering shuttering and finishing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 1:3:6(one cement :threesand:six graded stone aggregate 20mm nominal size).	0.86	Cum		Per Cubic Metre	
54	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.	401.20	Kgs.		Per Kilo-gram.	
55	Providing and fixing 15mm mixer for kitchen sink with regular swinging spout wall mounted including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make ESSESS cat No.T127.	1.00	No		Each	
56	Providing and fixing Pillar cock including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make ESSESS cat T-101	1.00	No		Each	
57	Providing and fixing poly carbonated sheet 1.50mm thick in lining with galvanized J or L hooks bolts and nuts with G.I. limpet and bitumen rubber washer complete with all accessories as required as per direction of Engineer-in-Charge.	21.00	Sqm		Per Square Metre	
					Total	


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

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY						
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.			Estimated Cost:- 99965.00			
Name of Work :- A/R & M/O to Challanda Piran road Km 0/00 to 28/020 (SH):- Maintenance of Earthen shoulder , Maintenance of Drain and Culvert Trimming of Grass between Rd 0/00 to 3/00).			Earnest Money :- 2,000.00			
			Time:- 30 Days.			
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate	Unit	Amount	
			In figures			In words
1	Maintenance of Earthen Shoulder (Filling with fres selected soil) Making un loose Material / irregularities on shoulders to the desion level by adding fresh approved slected soil and compacting it with appropreese equipment at OMC up to a lead of 1000 metre as per technical specification Clause 1603.	2400.00	Sqm	Per Sqm Metre		
2	Trimming of Grass from the shoulders/Berms and disposing of the same to suitable location as per the technical specification Clause 1914 including carriage of materials with in all leads and lifts as per the direction of Engineer -in Charge.	4500.00	Sqm	Per Sqm Metre		
3	Maintenabce of drain including erosion ,repair ,cleaning ,reshaping ,regarding ,deepening of side drain as well as per Technical specification Clause 1907 including carriage of material with in all leads and lifts as per the direction of Engineere -in Charge.	1140.00	Rmt	Per Running Metre		
4	Maintenance of Hume pipe Culvert by way of Cleaning , Erosion repiar to Cracks parapets wall and protection work as per drawing and technical specification Clause 1908 including carriage of materials withing all leads and lift as per the direction of Engineer -in -Charge.	5.00	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:- 2,52,248.00	
NAME OF WORK:- A/R & M/O Elysium to Devidhar road Km.0/00 to 16/300 (SH: Patch work at various RDs.)				Earnest Money :- 5,100.00	
				Time:- One Month	
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Amount
			In figures	In words	
1	Providing and applying tack coat with paving Bitumen emulsion (RS-I) using emulsion distributor at the rate of 0.25 to 0.30Kg. per sqm. (zero point two five to zero point three zero kilogram/square metre) on the prepared bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	670.06	Sqm		Per Square Metre
2	Providing and laying Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge. (a) 25mm (twenty five millimetre) thick compacted thickness with bitumen of grade VG-10 (ten) @ 5.5% (five point five percent) (percentage by weight of total mix) and lime filler @ 3% (three percent) (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity. The work should be executed as per Job Mix Formula approved by the department. The rate should be Quoted accordingly Nothing extra shall be applicable on this account.	20.10	Cum		Per Cubic Metre
					Total

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