

Himachal Pradesh
Public Works Department

No. PW-SD-I-CTR- Tender-NIT/2022-2023- 6548-49

Dated:- 4-7-2022

To


The Executive Engineer (IT Cell)
Nigam Vihar Shimla.

Subject :- Publication of Tender Notice.

Jai Hind


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

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


Executive Engineer,
Shimla Division No-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:-

11-07-2022 upto 4:00 PM
12-07-2022 upto 4:00 PM
13-07-2022 up to 10:30 AM
13-07-2022 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	Improvement of Curve in Dubloo Lakhoti road km. 0/00 to 5/760 (SH:- Widening of Curves between RD. 2/690 to 2/745).	241696/-	4900/-	350/-	30 days	Class-D
2	A/R & M/O to various residential quarter at Kasumpti Sub Division Shimla-2 (SH:- Providing and fixing W.C. Sheet in house nO.1 G.F (C.S. Residence) Cottage No.13 type-IV set No.26 and minor repair work at Brock Hurst Kasumpti).	158420/-	3200/-	350/-	60 Days	Class-D
3	A/R & M/O to Shimla mandi road km. 6/00 to 22/00 (SH:- Repair of patches work in km. 13/00 to 14/00).	343980/-	6900/-	350/-	30 days	Class-D
4	A/R & M/O to Shimla Mandi road km. 6/00 to 22/00 (SH:- Repair of patches work in km. 17/00 to 18/00).	343980/-	6900/-	350/-	30 days	Class-D
5	Repair and RE-habitation of comber mare Bridge on MRR via Chotta Shimla (SH:- Repair and P/F floor tiles in pedestrian path approach portion RD. 149/015 to 149/072).	237038/-	4700/-	350/-	30 days	Class-D
6	Improvement & Widening of MRR road via Chotta Shimla km. 149/00 to 156/640 (SH:- Providing and laying of G-II and G-III in various RDs in extended portion).	499997/-	10000/-	350/-	30 days	Class-D
7	A/R & M/O to various residence qtrs at Kasumpti Shimla-9 (SH:- Renovation of toilet bath ceiling, cup board and minor repair work in type-IV set No. 19, 12 type-III set No.74,66 type-III set No. 142,143,144 at Brock Hurst Kasumpti Shimla-9).	306567/-	6131/-	350/-	60 days	Class-D
8	Improvement & widening on Shoghi Mehli Junga sadhupul road km. 12/375 to 48/925 (SH:- C/O B/wall at Rd. 20/660 to 20/667).	154514/-	3100/-	350/-	30 days	Class-D
9	c/o INSTITUTE OF Hotel Management at kufri Shimla (SH:- Demolition of existing old R/wall , steel Railing & fencing and Temp shed).	93975/-	1900/-	350/-	30 days	Class-D
10	A/R & M/O Non Residential Mechanical building at Dhalli Shimla (SH:- C/O Cupboard in the office of supdt G-I and repair of toilet and blocked sewerage pipe in office of Executive Engineer Mechanical).	85635/-	1800/-	350/-	30 days	Class-D
11	Improvement & Widening on Shoghi Mehli Junga Sadhupul road km. 12/375 to 48/925 (SH:- C/O Extension of wing wall both side at RD. 14/600).	243309/-	4900/-	350/-	60 days	Class-D
12	Improvement & widening of kanda to Moolkoti road km. 4/00 to 13/240 (SH:- C/O R/wall at Rd. 9/286 to 9/290).(Balance work),.	233114/-	4700/-	350/-	30 days	Class-D
13	Improvement & widening of kanda to Moolkoti road km. 4/00 to 13/240 (SH:- C/O PCC parapets in km. 4/00 to 13/00).	97868/-	2000/-	350/-	30 days	Class-D
14	Improvement & widening of Talland to Khalini road km. 0/00 to 0/480 (SH:- C/O protection wall for pedestrians & path at RD. 0/380 to 0/394).	99544/-	2000/-	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.

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.


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:- 241696
Name of Work :- Improvement of Curve in Dubloo Lakhoti road Km 0/000 to 5/760. (SH :- Widening of curves between RD 2/690 to 2/745).	Earnest Money :- 4,900.00
	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 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 87.28 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.	654.70	Cum			Per Cubic Metre	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.	Estimated Cost:- 1,58,420.00
Name of Work :- A/R & M/O to various residential quarter at Kasumpti Sub Division Shimla-2 (SH:	Earnest Money :- 3,200.00
Providing and fixing W.C. sheet in House No.1 G.F. (C.S. Residence), Cottage No.13, Type-IV set No.26 and minor repair work at Brock Hurst Kasumpti).	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 to wall ceiling and floor galvanized mild steel tubes (Medium grade) tube fitting 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) 15millimeters(Fifteen milimetres) nominal bore	4.00	Rmt			Per Running Metre	
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.	1.44	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.	1.44	Sqm			Per Square Metre	
4	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.	20.00	Nos			Each	
5	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class deodar wood	20.00	Rmt			Per Running Metre	
6	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.	1.44	Sqm			Per Square Metre	
7	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	

8	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	
9	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.	3.60	Sqm			Per Square Metre	
10	Providing and fixing 4mm thick teak ply of standard quality and of approved shade & design wall lining including fixing with approved adhesive, butt jointing and nails & screws complete (Base frame work to be measured & paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.60	Sqm			Per Square Metre	
11	Applying spirit or oil stains (any colour) on wood and wood based surfaces to give 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.	3.60	Sqm			Per Square Metre	
12	Applying three coat of sealer filling on new 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.	3.60	Sqm			Per Square Metre	
13	Providing and fixing plastic bubble water proof sheet for moisture proof complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.60	Sqm			Per Square Metre	
14	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) one piece including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. OPC ELEMENT single piece-WC 2205 with UF soft close slim seat cover and all accessories Hindware.	2.00	Nos			Each	
15	Scaffolding in building side wall including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	18.00	Sqm			Per Square Metre	
16	Providing and fixing polycarbonated sheet 2mm 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.	15.75	Sqm			Per Square Metre	

17	Providing and fixing 1.50mm 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	48.00	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:-3,43,980.00	
NAME OF WORK: A/R & M/O to Shimla Mandi road km. 6/000 to 22/000 (SH: Repair of Patches work in Km. 13/00 to 14/00).						Earnest Money :- 6,900.00	
						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.	877.50	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:-3,43,980.00	
NAME OF WORK: A/R & M/O to Shimla Mandi road km. 6/000 to 22/000 (SH: Repair of Patches work in Km. 17/00 to 18/00).						Earnest Money :- 6,900.00	
						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.	877.50	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:-237038.00	
Name of Work :- Repair and rehabilitation of comber mere bridge on MRRvia chotta shimla.(SH:-Repair and p/f floor tiles in Pedestrain path approach portion rd 149/015 to 149/072)						Earnest Money :-4700.00	
						Time:- 15 Days.	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	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 .(Medium shade pigment using 50% white cement 50% grey cement)	189.63	Cum			Per Sq Cubic 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:- 4,99,997.00	
NAME OF WORK:- Improvement & Widening of MRR road via Chotta Shimla Km.149/00 to 156/640 (SH: Providing and laying of G-II and G-III in various RD's in extended portion).						Earnest Money :- 10,000.00	
						Time:- One Month	
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.	135.00	Cum			Per Cubic Metre	
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and re-rolling the sub-grade completed as per HP PWD specification including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1200.00	Sqm			Per Square 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 smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading 2 as per Technical Specification Clause 405 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) By Mechanical Means	90.00	Cum			Per Cubic Metre	
4	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone 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. (a) By Mechanical Means	90.00	Cum			Per Cubic 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-3.						Estimated Cost:- 3,06,567.00	
Name of Work :- A/R & M/O to various residence quarter at Kasumpti Shimla-9 (SH: Renovation of Toilet, Bath,Ceiling,Cup board, and minor repair work in Type-IV set No.19,12,Type-III set no-74,66, Type-III set no-142,143,144 at Brock Hurst Kasumpti Shimla-9).						Earnest Money :- 6,131.00	
						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)	29.82	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).	0.46	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.	0.07	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.	0.07	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.(I) Of area 3 sq. metres and below	2.00	Nos			Each	
6	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.50	Sqm			Per Square Metre	
7	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	1.49	Cum			Per Cubic Metre	
8	Half brick masonry with non modular fly ash bricks of class designation 10, conforming to IS :12894, in super structure above plinth and upto floor V level. (i) Cement mortar 1 : 4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.36	Sqm			Per Square Metre	

9	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5(seven point five) in superstructure above plinth level up to floor V level in all shapes and sizes in.(i) Cement mortar 1:4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.05	Cum			Per Cubic Metre	
10	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm(twelve milimetre) thick bed of cement mortar 1:3 (One cement :three coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 8 mm(eight milimetre) thick	57.86	Sqm			Per Square Metre	
11	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.	8.47	Sqm			Per Square Metre	
12	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm (twenty milimetre) thick cement mortar 1:4 (One cement : four coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Size of tile 600x600mm (six hundred into six hundred milimetre)	11.88	Sqm			Per Square Metre	
13	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.	12.00	Rmt			Per Running Metre	
14	Centering and shuttering including strutting, propping etc. and removal of form for : including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.(i)Shelves (Cast in situ)	1.44	Sqm			Per Square Metre	
15	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Mild steel and Medium Tensile steel bars	11.09	Kg.			Per Kilo-gram	

16	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (One cement : One point five coarse sand) : three graded stone aggregate 20 mm (twenty milimetre) nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.10	Cum			Per Cubic Metre	
17	Providing woodwork in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position. 2nd class deodar wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.02	Cum			Per Cubic Metre	
18	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. 40mm (forty milimetre) thick. 2nd class Deodar wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.35	Sqm			Per Square Metre	
19	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 (zero point five six milimetre) for doors windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws. 40 mm (forty milimetre) thick (i) 2nd class deodar wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.26	Sqm			Per Square Metre	
20	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	
21	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	
22	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	
23	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)	2.00	Nos			Each	
24	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	2.00	Nos			Each	

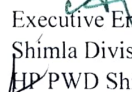
25	Providing and fixing bright finished or/and black enamelled iron (Helical door spring 150mm(One hundred fifty milimetre)) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	2.00	Nos			Each	
26	Providing and fixing bright finished brass handles with 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	
27	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.80	Sqm			Per Square Metre	
28	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.	39.20	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.	7.20	Sqm			Per Square Metre	
30	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.00	Nos			Each	
31	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood	10.00	Rmt			Per Running Metre	
32	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.80	Sqm			Per Square Metre	
33	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm X 90 mm.	3.00	Nos			Each	
34	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110 mm dia.	6.00	Rmt			Per Running Metre	

35	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110 mm dia.	2.00	Nos			Each	
36	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)110 mm (one hundred ten milimetre) dia	2.00	Nos			Each	
37	Providing and fixing vitreous China Hind ware IS marked IS No. 2556 or equivalent 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) 550 X 400 mm (five hundred fifty into four hundred milimetre)	1.00	Nos			Each	
38	Providing and fixing stainless steel kitchen sink of approved standard ISI make with drain board and C.P. waste with C.I. or M.S. Brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)610 x 510 mm (six hundred ten into five hundred ten milimetre) with bowl depth 200 mm(two hundred milimetre).	1.00	No			Each	
39	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	
40	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	
41	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	
42	Providing and fixing looking mirror of superior glass with plastic frame including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Nos			Each	
43	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 :: 20mm	2.00	Nos			Each	
44	Providing and fixing Acrylic shelf with C.P. brass bracket and guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
45	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	

46	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	1.00	No			Each	
47	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.	4.00	Nos			Each	
48	Providing and fixing PVC connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 450mm length (i) 15mm nominal bore.	4.00	Nos			Each	
49	Providing and fixing wall mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
50	Providing and fixing wash basin mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
51	Providing and fixing sink mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
52	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.	1.00	No			Each	
53	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	
54	Providing and fixing vitreous china wash down water closet (European type W.C. pan) with integral P or S strap including jointing the trap with soil pipe in cement mortar 1:1 (One cement:one sand) (seat and cover to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Ordinary closet	1.00	No			Each	


55	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.	200.00	Sqm			Per Square Metre	
	b) With enamel paint other than white	200.00	Sqm			Per Square Metre	
56	Extra over item for every subsequent coat of paint on previously painted wood and wood based surfaces with enamel paint brushing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	100.00	Sqm.			Per Square Metre	
	b)With enamel paint other then white	100.00	Sqm.			Per Square Metre	
57	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	100.00	Sqm			Per Square Metre	
58	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. (a) With white enamel paint	50.00	Sqm			Per Square Metre	
59	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)	300.00	Sqm			Per Square Metre	
60	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.	200.00	Sqm			Per Square Metre	
61	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.	200.00	Sqm.			Per Square Metre	

62	Providing and placing on terrace(at all floor levels) polyethylene water storage tank. IS:12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and over flow pipes but without fittings and the base support for tank.	3000.00	ltr			Per litre	
63	Providing and laying in trenches, galvanized 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. (i) 15millimeters nominal bore	5.00	Rmt			Per Running Metre	
64	Providing and fixing G.I./M.I Union of following sizes (where not included in the items including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)15mm (fifteen milimetre)	5.00	Nos			Each	
65	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 (Fifteen milimetre) nominal bore	2.00	Nos			Each	
66	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.	100.00	Kg.			Per Kilo-gram	
67	Supplying and fixing welding mesh to wood or steel members in partitions etc. Weight exceeding 3 kg. and not exceeding 5 Kg. per Sqm.including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Sqm			Per square Metre	
						Total	


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

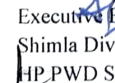
SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- 154514.00
Name of Work :- Improvement & Widening on Shoghi Mehli Junga Sadhupul road Km 12/375 to 48/925 (SH:- C/O B/Wall at Rd 20/660 to 20/667).							Earnest Money :- 3100.00
							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 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.	31.64	Cum			Per Cubic Metre	
2	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 1:5:10(One cement: five sand:Ten graded stone agg.40mm (forty milimetre) nominal size).	2.94	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 1:4:8(One cement:Four sand:Eight graded stone agg.20mm (twenty milimetre) nominal size).	27.23	Cum			Per Cubic Metre	
4	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.	22.00	Rmt			Per Runing 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:- 93975.00	
Name of Work :- Construction of Institute of Hotel Managment at Kufri Shimla (SH:- Demolition of existing Old R/Wall,Steel Railing & fencing and Temp. Shed).						Earnest Money :- 1900.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Demolition of stone masonry above G.L. upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within 20 metres lead.(1)Rubble masonry in cement mortar (Useful stone will be stacked properly & handed over to the department free of cost).	56.91	Cum	1103.05		Per Cubic Metre	
2	Demolition of 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 guard bars, ladders, railling ,brackets and similar works. (Useful steel will be stacked properly & handed over to the department free of cost).	8000.00	Kg	3.90		Per Kilogram	
						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:-85,635.00		
Name of Work :- A/R & M/O Non Residential Mechanical building at Dhalli Shimla (SH:-C/O Cupboard in the Office of Suptt. Grade-I and repair of toilet and blocked sewerage pipe in Office of Executive Engineer Mechanical).					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	2	3		4	5	6	7
1	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete.	12.52	Sqm			Per Square Metre	
2	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.	5.95	Sqm			Per Square Metre	
3	Providing and fixing 19mm thick commercial board water proof shutters for up boards including fixing with nickel plated piano hinges with screws etc. complete.	4.20	Sqm			Per Square Metre	
4	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete. i)75mm (Seventy five milimetre)	6.00	Nos			Each	
5	Providing and fixing bright finished brass 100mm. Mortice latch and lock and a pair of levers, handles with necessary screws etc. complete (Indian make of approved quality)	8.00	Nos.			Each	
6	Providing and fixing bright finished brass ball catcher 10 mm (ten milimetre) dia	10.00	Nos.			Each	
7	Providing and fixing 1 mm thick lamination sheet of approved shade and quality fixed with approved adhesive and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.30	Sqm			Per Square Metre	
8	Providing and fixing square edges cover fillets (beading) 19mmx6mm(nineteen 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 Deodar Wood	39.05	Rmt			Per Running Metre	

9	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and foreign matters sand papered smooth to give final matter finish to the surface complete.	19.82	Sqm			Per Square Metre	
10	Distempering (two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth. Priming coat with distemper primer.	19.82	Sqm			Per Square Metre	
11	Excavation in drains and channels etc. in earth work including dressing of side and bed and disposing of excavated earth upto a lead of 20 metres and lift upto 1.50 metres disposed earth to be levelled and neatly dressed: (a) Pick +Jumper Work 50 % each	34.25	Cum			Per Cubic Metre	
12	Providing and fixing vitreous China wash down,water closet (European type. W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1(1 cement : 1 sand) (Seat and over to be measured and paid for separately):- i) Angle Indian Universal closet	1.00	Nos.			Each	
13	Providing and fixing PVC double equal branch with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge. i)150 mm (One hundred fifty milimetre) dia.	5.00	Nos.			Each	
14	Providing and fixing PVC collers ISI marked including fixing with approved adhesive etc. complete. i)150 mm (One hundred fifty milimetre)dia.	5.00	Nos.			Each	
15	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete. i)150 mm (One hundred fifty milimetre)dia.	6.00	Nos.			Each	
16	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete. i) 90 mm dia.	5.00	Nos.			Each	

17	Providing and fixing ISI marked high pressure PVC (finolex) of working pressure not less than 4.5 kg/sqm, waste and ventilating pipes 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)110 mm (one hundreded and Ten) nominal size :-	63.00	Rmt			Per Running Metre	
18	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. I.SOLID TYPE: a)white plastic seat and cover	1.00	Nos.			Each	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 2,43,309.00		
Name of Work :- Improvement & Widening on Shoghi Mehli Junga Sadhupul road km 12/375 to 48/925 (SH:- C/O Extension of Wing wall Both side at Rd 14/600)..					Earnest Money :- 4,900.00		
					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 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.	36.63	Cum			Per Cubic Metre	
2	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 1:5:10(One cement: five sand:Ten graded stone agg.40mm (forty milimetre) nominal size).	5.94	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 1:4:8(One cement:Four sand:Eight graded stone agg.20mm (twenty milimetre) nominal size).	41.33	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.	9.9	Cum			Per Cubic Metre	
5	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.	22.40	Rmt			Per Runing Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 2,33,114.00		
Name of Work :-- Improvement & Widening of Kanda to Moolkoti road Km 4/00 to 13/240 (SH:- C/O R/Wall at RD 9/286 to 9/290). (BALANCE WORK)					Earnest Money :- 4,700.00		
					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 carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	33.40	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 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.	2.520	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).	2.520	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).	41.60	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.	0.56	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.	12.00	Rmt			Per Runing 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:- 97,868 .00	
Name of Work :- Improvement & Widening of Kanda to Moolkoti road Km 4/00 to 13/240 (SH:- C/O PCC parapets in Km 4/00 to 13/000).					Earnest Money :- 2,000.00	
					Time:- 30 Days.	
Sr.No.	Description	Qty.	Rates in		Unit	Amount
1	2	3	Figs	Words	6	7
1	Earth work in excavation for structure as per drawing and technical specification Clause 305.1 including setting out, construction of shoring & bracing removal of stumps and other deleterious material and disposal upto a lead of 50 mtrs. dressing of sides and bottom and back filling in trenches with excavated suitable material. I. Ordinary soil.	4.75	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 . I. P.C.C. grade M 10 (i) Nominal mix 1:3:6 (1cement :3sand:6graded)	18.19	Cum		Per Cubic 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:-99,544.00	
Name of Work :- Improvement & Widening of Talland to Khalini road Km. 0/00 to 0/480 (SH: C/O protection wall for pedestrains & Path at RD.0/380 to 0/394)						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	Earth work in excavation for structures as per drawing and technical specification Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and back filling in trenches with excavated suitable material. I. Ordinary soil.	21.68	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 (one cement :three sand:six graded).	17.42	Cum			Per Cubic Metre	
						Total	


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