

Himachal Pradesh
Public Works Department

No. PW-SD-I-CTR- Tender-NIT/2021-22- 20312-13 Dated:- 31/122

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**

on behalf of the Government of Himachal

Executive Engineer B&R Division No-1 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:-

10-01-2022 upto 4:00 PM
11-01-2022 upto 4:00 PM
12-01-2022, up to 10:30 AM
12-01-2022 up to 11:00 AM

No.	Name of Work	Estimated cost	EMD(Rs.)	Cost of Tender (Rs.)	Time Limit	Eligible class of Contractor
	A/R & M/O Non residential Building at Dhaili (SH:- P/F Sheets roofing over the Superintending Engineer & Executive Engineer office Dhaili.)	491777/-	99/-	350/-	30 days	Class-D
	Improvement and widening of road on Mashobra to Bhakhaliya road km. 0/00 to 18/360 (SH:- Cutting earths work of widening of curves in km. 13/120 to 13/50 and 13/930 to 13/960).	123793/-	2500/-	350/-	30 days	Class-D
	Improvement and widening of road on Mashobra to Bhakhaliya road km. 0/00 to 18/360 (SH:- C/O R/wall at Rd. 6/540 to 6/454 & RD. 17/650 to 17/656).	453809/-	9100/-	350/-	30 days	Class-D
	A/R & M/O to various residential qtr at Brock Hurst Shimla (SH:- P/L PVC flooring in type-III set No.16 at Brock Hurst Shimla)	40250/-	900/-	350/-	15 days	Class-D
	A/R & M/O to various residence quarter at Brock Hurst Shimla-2 (SH:- Painting and distemping work in Cottage No. 19 Below pine set No.4 and Due/Vacation sets at Brock Hurst Kasumpt Shimla-9).	145150/-	3000/-	350/-	60 days	Class-D
	Improvement & widening on Shoghi Mhehl Junga Sadhupul road km. 12/375 to 48/925 (SH:- C/O B/wall on RD. 24/261 to 24/266 & 24/300 to 24/304.50 and Hune pipe Culvert on Rd. 24/260).	250639/-	5100/-	350/-	30 days	Class-D
	Improvement & widening on Chamayana to Surala road km. 0/00 to 6/00 (SH:- Removal of Slip/earth at RD. 0/3785 to 0/420 & 0/465 to 0/570).	422468/-	8500/-	350/-	30 days	Class-D
	A/R & M/O to various Type-III & IV GAD at parimahal , Kasumpt Shimla-9 (SH:- White washing distemping 1 type-III set No.17,3.6,21.47,16,11,7,2 and Type-IV set No.52 etc due/vacation sets under parimahal section).	215630/-	4350/-	350/-	30 days	Class-D
	A/R & M/O various type-III & Type-IV at Parimahal Kasumpt Shimla-9 (SH:- P/F Cup board type-II set NO. 23 and 09 under parimahal section).	99280/-	2000/-	350/-	60 days	Class-D
	Improvement & widening on Shoghi Mhehl Junga Sadhupul road km. 12/375 to 48/925 (SH:- C/O R/wall at RD. 23/330 to 23/332.80).	99715/-	2000/-	350/-	30 days	Class-D
	A/R & M/O to various residence quarters at Kasumpt Shimla-9 (SH:- Renovation of kitchen, painting/Distemping and minor repair work in type-II set No.153 at Kasumpt Shimla-9).	99704/-	2000/-	350/-	60 days	Class-D
	A/R & M/O various type-II and type-IV GAD Qtrs at parimahal Kasumpt Shimla-9 (SH:- painting and Distemping in type-III set No.80 and other sets due/ on vacation under Parimahal section).	99307/-	2000/-	350/-	60 days	Class-D
	A/R & M/O to various type-III & Type-IV GAD Residential quarters at parimahal Kasumpt Shimla-9 (SH:- Providing and fixing cupboard and P/F accessories and white washing /distemping etc in type-IV set No.54 under Parimahal section).	237869/-	4800/-	350/-	60 days	Class-D
	Repair & Maintenance of Mashobra Bhekhaliya road km. 0/00 to 16/00 (SH:- Removal of slips between RD. 0/00 to 16/000).	439748/-	8800/-	350/-	15 days	Class-D
	A/R & M/O NRB under Shimla Division No.1 (SH:- Repair and construction of store under Shimla Sub Division No.1 at Winderfieri and storage rack work for account Branch store).	445195/-	9000/-	350/-	60 days	Class-D
	A/R & M/O various residential quarters type-I to VI at Kasumpt Shimla -9 (SH:- Repair of kitchen in type-I set No.12 at Kasumpt Shimla)	95204/-	2000/-	350/-	60 days	Class-D
	A/R & M/O to various residence quarter at Brock Hurst Shimla-2 (SH:- Painting and Distemping work in type-IV set NO. 1,4 and Due/Vacation sets at Brock Hurst Kasumpt Shimla-9).	163490/-	3300/-	350/-	60 days	Class-D

It is certified that the above works are required to be carried out immediately being emergent nature of work in public interest. The tender documents shall be issued only to those contractor/firm who fulfill the following documents with the application.

1. The valid enlistment/Registration of contractor in Appropriate Class.
2. Permanent account No. (PAN NO).
3. G.S.T No.
4. Earnest Money in the shape of National saving certificate/time deposit account in the any of the post office in HP, F.D.R from any Nationalized Bank duly pleaded in favour of the Executive Engineer Shimla Division No-1 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.

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

20214-27

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

Dated :

31/22

Copy forwarded to :-

1. Copy to the Deputy Commissioner Shimla Distt. Shimla.
2. Copy to the Executive Engineer Shimla Division No-II 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. P.W.D., SHIMLA-3.

Estimated Cost:- 4,91,777.00
Earnest Money :- 9,9000.00

Time:- 30 Days.

Name of Work :- A/R & M/O Non residential building at Dhalli (SH:- P/F Sheets roofing over the Superintendenting Engineer & Executive Engineer office Dhalli).

Sr.N o.	Description	Qty.	Rates in			Unit	Amount
			Figs	Words			
1	2	3	4	5	6	7	
1	Dismantling roofing including ridges, hips, valleys, gutters etc, stacking the serviceable materials and disposal of un-serviceable materials within 20 metres lead.	147.46	Sqm		Per Square Metre		
2	i) G.I. Sheet roofing 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. a) Blin gratings, framed guards bars ladders, railing, brackets and similar work.	25.10	Qtl.		Per Quintal		
3	Providing corrugated G.I sheet roofing fixed with galvanised iron J or L hooks bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/vertical or curved surfaces), excluding the cost of purfins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gm/sq.m.	147.46	Rmt		Per Running Metre		
4	Providing and fixing M.S. BP Sheet 1.66mm to 2mm thick in eaves board, Facia/ soffits/ ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-Charge (Base members of steel work shall be measured & paid for separately).	11.63	Sqm		Per Square Metre		
Total							

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

Schedule Of Quantity

Name of work:- Improvement and Widening of road on Mashobra to Bhakhali road Km. 0/00 to 18/360 (SH: Formation cutting/ widening of blind curve at Rd 13/120 to 13/150 and 13/930 to 13/960),									
S.No		Description of Work		No. of Qty.		Time:- Two Months.		Estimated Cost- 1,23,793.00	
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Executive Engineer,
Shimla Division No-1
HP PWD, Shimla

SCHEDULE OF QUANTITY

SHIMLA-A-3.

Estimated Cost:- 4,53,809.00

SH: Earnest Money :- 9,100.00

Time:- 30 Days.

S.N	0.	Description	Qty.	Rates in				Unit	Amount				
				3	27.56	Cum	Cubic Metre						
										4	5	6	7
1	1	Excavation in soil in Hill Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.2m and a load upto 20m as per drawing and technical Specification (Clause 1003.1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge).											
2	2	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culverts, drains and gullies etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, cherting, bedding, etc. as provided in per drawing and (MORD) technical specifications (Clause 305.1, 1004 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 shooting and strutting and pumping and bailing out water (surface and sub soil water) upto all depth and any quantity of water including cleaning of slush which may arise out during de-aquaring including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	18.33	Cum			Cubic Metre						
3	3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802.803.1.202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge (one cement 1:1.5:3 (one cement 1:1.5:3) nominal size).	8.24	Cum			Cubic Metre						
4	4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802.803.1.202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge (one cement 1:1.5:3 (one cement 1:1.5:3) nominal size).	83.11	Cum			Cubic Metre						
5	5	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 (granular material including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge).	34.00	Cum			Cubic Metre						

Excluding Direct
 HP PWD SHIMLA
 Form ID: 101

Total																		
M100																		
M100																		
M100																		
M100																		

SCHEDULE OF QUANTITIES

ESTIMATED COST Rs 40,250/-
EARNEST MONEY Rs 900/-only
TIME ALLOWED 15 days

NAME OF WORK: A/R & M/O to various residential Qtr. At Brock Hurst Shimla (SH: P/L PVC flooring in type-III set No.16 at Brock Hurst)


Sr.No.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1	2	3	4	5	6	7
1	1.5mm thick pvc/rubber tiles flooring, plain coloured, coated or mosaic or matted finish, laid with approved adhesive on sub floor (damp proof treatment to be measured and paid for separately) upto all floor level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. L.G MAKE	35.00	Sqm		Per Square Metre	
					Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:-1,45,150.00	
Name of Work :- A/R & M/O to various residence quarter at Brock Hurst Shimla-2 (SH: Painting and Distempering work in Cottage No.19 Below pine set No.4 and Due/Vacation sets at Brock Hurst Kasumpti Shimla-9).						Earnest Money :- 3,000.00	
						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	400.00	Sqm			Per Square Metre	
2	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	250.00	Sqm			Per Square Metre	
3	Distempering(one coat) with oil bound washable distemper of approved brand and manufacture and of required shade, on decorated wall surfaces to give an even shade, after thoroughly brushing the surface free 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.	1000.00	Sqm			Per Square Metre	
4	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With white enamel paint.	500.00	Sqm			Per Square Metre	
	b) With enamel paint other than white.	250.00	Sqm			Per Square Metre	
5	Extra over item for every subsequent coat of paint on wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	250.00	Sqm			Per Square Metre	
	b) With enamel paint other than white.	100.00	Sqm			Per Square Metre	

6	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) With white enamel paint	100.00	Sqm			Per Square Metre	
7	Extra over item No. 6 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) With white enamel paint	50.00	Sqm			Per Square Metre	
8	Applying a coat of mordant solution on G.S. sheet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) With a solution of 38 gms of copper acetate in a litre of soft water	100.00	Sqm			Per Square Metre	
9	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equal on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc. including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm			Per Square Metre	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.
Name of Work :- Improvement & Widening on Shoghi Mehli Junga Sadhupul Road km.12/375 to 48/925 (SH: C/O B/Wall on Rd 24/261 to 24/266 & 24/300 to 24/304.50 and Hume pipe Culvert on Rd 24/260).

Estimated Cost:- 2,50,639.00

Earnest Money :- 5,100.00

Time:- 30 Days.

Sr.No.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
				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.	19.66	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.	5.89	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 1:5:10(One cement: five sand:Ten graded stone agg.40mm (forty millimetre) nominal size).	5.89	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).	41.61	Cum			Per Cubic Metre	
5	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material	4.87	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.	20.00	Rmt		Per Running Metre	
7	Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets clause 1108 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 600mm dia	7.00	Rmt		Per Running Metre	
Total						

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.
 Name of Work :- Improvement & widening on Chamayana to Surala Road Km.0/00 to 6/00 (SH: Removal of slip/earth at RD.0/375 to 0/420 & 0/465 to 0/570).
 Estimated Cost:- 4,22,468.00
 Earnest Money :- 8,500.00
 Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Removal of land slide/slip clearance, Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material within all leads and lifts as per technical specification 302.3.5 and 1611 as per directions of the Engineer-in-Charge.	2207.25	Cum		Per Cubic Metre	
					Total	

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


SCHEDULE OF QUANTITIES

ESTIMATED COST Rs 2,15,630/-only

EARNEST MONEY Rs 4,350 /-only.

TIME ALLOWED : one Months

NAME OF WORK:- A/R & M/O to Various Type-III & Type-IV GAD at Parimahal, Kasumpti, Shimla -171009. (SH: White Washing / distempering in type-III Set No. 17,73,6,21,47,16,11,7,2 and Type-IV set No.52 etc. Due /vacation sets under Parimahal Section)

Sr. No.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1	2	3	4	5	6	7
1.00	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.	1304.40	Sq m.			
2.00	Distempering (old work one or more coat) 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 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1863.43	Sq m			
3.00	Providing and applying white cement based putty of average thickness of average 1 mm of approved brand and manufacture 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.	652.20	Sq m.			
4.00	Painting one one or more coat (excluding priming coat) on previously wood and wood based surface under coat with synthetic enamel and finishing coating with flat oil paint, brushing to give an 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) onr or more coat on old work	1264.03	Sq m			
5.00	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equarled on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.00	Sq m.			
					Total	

Executive Engineer,
Shimla Division No I,

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3. Estimated Cost:- 99,280.00
 Name of Work :- A/R & M/O various Type-III & Type-IV GAD at Parimahal, Kasumpti, Shimla-9(SH: P/F Cup Earnest Money :- 2,000.00
 board Type-III set No.23 and 09 under Parimahal Section). 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 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	25.61	Sqm		Per Square Metre	
2	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	12.98	Sqm		Per Square Metre	
3	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	17.72	Sqm		Per Square Metre	
4	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	15.82	Sqm		Per Square Metre	
5	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood	51.40	Rmt		Per Running Metre	
6	Providing and fixing bright finished brass ball catcher 10 mm dia including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	38.00	Nos		Each	
7	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	32.00	Nos		Each	
8	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Ready mixed paint brushing wood primer pink.	54.41	Sqm		Per Square Metre	


9	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	54.41	Sqm			Per Square Metre
10	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	54.41	Sqm			Per Square Metre
11	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 2nd class deodar wood	0.006	Cum			Per Cubic Metre
						Total


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.					
Name of Work :- Improvement & Widening on Shoghi Mehli Junga Sadhupul road Km 12/375 to 48/925 (SH:- C/O R/Wall at Rd 23/330 to 23/332.80).					
Estimated Cost:- 99715.00					
Earnest Money :- 2000.00					
Time:- 30 Days.					
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate	
				In figures	In words
				Unit	Amount
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.	11.76	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 millimetre) nominal size).	2.16	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 millimetre) nominal size).	15.55	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.	4.05	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.	18.00	Rmt			Per Runing Metre	
							Total


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.
 Name of Work :- A/R & M/O to various residence quarters at Kasumpti Shimla-9 (SH: Renovation of Kitchen, Painting/Distemping and minor repair work in Type-III set No.153 at Kasumpti Shimla-9).

Estimated Cost:- 99,704.00
 Earnest Money :- 2,000.00
 Time:- 60 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Dismantling tiled floors laid in mortar upto all floor level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.(Twenty metres)lead (wooden/concrete joists to be measured and paid for separately)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) For thickness of tiles upto 25mm(Twenty milimetre)	18.60	Sqm			Per Square Metre	
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 (fifty)metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Nominal concrete 1:3:6(One cement :three sand: six graded stone aggregate) (one or richer mix (i/c equivalent design mix).	0.43	Cum			Per Cubic Metre	
3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 (fifty)metres lead as per direction of Engineer - in-charge.	0.07	Cum			Per Cubic Metre	
4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50(fifty) 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(three square metre) 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(Fifty) metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.50	Sqm			Per Square Metre	
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.	0.93	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 1:1 (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	

750


10	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm (twelve millimetre) thick bed of cement mortar 1:3 (One cement : three coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 8 mm (eight millimetre) thick	17.73	Sqm			Per Square Metre
11	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm (three hundred into three hundred millimetre) or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm (twenty millimetre) thick cement mortar 1:4 (One Cement : four Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.46	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 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)	3.18	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 millimetre) nominal bore.	6.00	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)	0.72	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	5.54	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 millimetre) nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.05	Cum			Per Cubic Metre
17	Providing & fixing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 2nd class Deodar wood.	0.02	Cum			Per Cubic Metre
18	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 40mm thick 2nd class deodar wood	0.26	Sqm			Per Square Metre

19	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
20	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
21	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
22	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
23	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
24	Providing and fixing bright finished or/ and black enamelled iron (Helical door spring 150mm) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	No			Each
25	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
26	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.	2.4	Sqm			Per Square Metre
27	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. (i) 6mm thick.	3.60	Sqm			Per Square Metre
28	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.60	Sqm			Per Square Metre
29	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
30	Providing and fixing square edges cover fillets (beading) 19mm x 6mm section i.e. 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
31	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sumica) 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.	5.40	Sqm			Per Square Metre

32	Providing and fixing cast iron floor trap of self cleaning design with sand cast iron crewed down or hinged grating without vent arm complete including cost of cutting and making goods the walls 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	
33	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	
34	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	
35	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) 110mm dia	2.00	Nos			Each	
36	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.	50.00	Sqm			Per Square Metre	
	b) With enamel paint other than white	50.00	Sqm			Per Square Metre	
37	Extra over item No.36 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.	25.00	Sqm.			Per Square Metre	
	b) With enamel paint other than white	25.00	Sqm.			Per Square Metre	
38	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint	10.00	Sqm			Per Square Metre	
39	Extra over item No. 38 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	5.00	Sqm			Per Square Metre	
40	Distemping 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)	50.00	Sqm			Per Square Metre	
41	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.	50.00	Sqm			Per Square Metre	

42	Providing and laying marble work (Table rubbed and polished) in flooring 20mm thick base in cement mortar 1:3 (1 cement:3 sand) 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.	0.72	Sqm		Per Square Metre
43	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	No		Each
44	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
45	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
46	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
47	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
48	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	No		Each
49	Providing and fixing C.P. Brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 600mm x 20mm	2.00	Nos		Each
50	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
51	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
52	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
53	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
54	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
55	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
56	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
57	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

58	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	
59	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	
60	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	
						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:-99,307.00

Name of Work :- A/R & M/O various type-III and type-IV GAD Qtrs. at Pari Mahal, Kasumpti Shimla-9 (SH: Painting and distempering in Type-III set No.80 and other sets due/ on vacation under Parimahahal section).

Earnest Money :- 2,000.00

Time:- 60 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	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)	956.46	Sqm			Per Square Metre	
2	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.	669.52	Sqm			Per Square Metre	
3	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	334.76	Sqm			Per Square Metre	
4	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) One or more coats on old work	440.70	Sqm			Per Square Metre	
5	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equalied 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.	10.00	Sqm			Per Square Metre	
						Total	

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

SCHEDULE OF QUANTITIES


ESTIMATED COST: Rs. 2,37,000/-
EARNEST MONEY: Rs. 4,800/- only.
TIME ALLOWED: Two month

NAME OF WORK: A/R & M/O to Various Type-III & Type-IV GAD Residential quarters at Parimahahal, Kasumpti Shimla-9 (SH:-
Providing and fixing Cup boards and P/f accessories and white washing / distempering etc in Type-IV Set No. 54 Under Parimahahal
Section)

Sr. No.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 40mm thick (a) 2nd class deodar wood.	0.52	Sqm			Per Square Metre	
2	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws. (i) 40mm thick including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 2nd class deodar wood.	0.52	Sqm			Per Square Metre	
3	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 150x10mm	4.00	Nos.			Each	
4	(ii) 200x10 mm	1.00	Nos.			Each	
5	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125 mm	2.00	Nos.			Each	
6	Providing and fixing bright finished brass hard drawn hooks and eyes (i) 200 mm	2.00	Nos.			Each	
7	Providing and fixing 19mm thick water proof commercial board in including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. shelves/box for cup board with butt joints & fixing with nails & screws etc complete)	36.60	Sqm			Per Square Metre	
8	Providing and fixing 19mm thick Commercial Board water proof shutters for up boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	17.67	Sqm			Per Square Metre	

	Providing and fixing 100mm 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.	20.98	Sqm			Per Square Metre
10	Providing and fixing ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 6 mm thick	17.79	Sqm			Per Square Metre
11	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-In-Charge. (I) 1st class deodar wood.	111.12	Rmt			Per running Metre
12	Providing and fixing bright finished brass ball catcher 10 mm dia including carriage of materials in all leads and lifts as per directions of the Engineer-In-Charge.	85.00	Nos			Each
13	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete (i) 125 mm including carriage of materials in all leads and lifts as per directions of the Engineer-In-Charge.	71.00	Nos			Each
14	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade (i) One or more coats on old work including carriage of materials in all leads and lifts as per directions of the Engineer-In-Charge.	313.66	Sqm.			Per Square Metre
15	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.	313.66	Sqm.			Per Square Metre
16	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-In-Charge.	242.46	Sqm.			Per Square Metre
17	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade (i) One or more coats on old work including carriage of materials in all leads and lifts as per directions of the Engineer-In-Charge.	102.98	Sqm.			Per Square Metre
18	Applying priming coat over new wood and wood based surfaces after and including prepering the surface by thoroughly cleaning oil,grease,dirt and other foreign matter) sand papering and knotting including carriage of materials in all leads as per directions of the Engineer-in-Charge.	77.73	Sqm			Per Square Metre
19	Painting two coats(excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt,dust and other foreign matter,sand papering & stoping including carriage of materials in all leads as per directions of the Engineer-in-Charge. (i) With white enenal paint	77.73	Sqm			Per Square Metre
20	Providing woodwork in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position. (i) 2nd class deodar wood	0.0213	Cum			Per Cubic Metre

	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 (i) 15mm nominal bore including carriage of materials in all leads and lifts as per directions of the Engineer-In-Charge.	11.00	Nos.			Each	
34	Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets (i) 20 mm dia (Heavy) including carriage of materials in all leads and lifts as per directions of the Engineer-In-Charge.	20.00	Rmt			Per running Metre	
35	P/F PVC corner including carriage of materials. including carriage of materials in all leads and lifts as per directions of the Engineer-In-Charge.	2.00	Nos.			Each	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 4,39,748 .00	
Name of Work :- Repair & Maintenance of Mashobra Bhekhalti road km. 0/00 to 16/000 (SH: Removal of Slops between Rd 0/00 to 16/000).					Earnest Money :- 8800.00	
					Time:- 15 Days.	
Sr No	Description of Work / Item (S)	No of Qty	Estimated Rate		Unit	Amount
Sr.No.	Description	Qty.	In figures		Unit	Amount
			In words			
			Figs	Words		
1	2	3	4	5	6	7
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops and disposal of cut material within all leads and lifts as per technical specification 302.3.5 and 1611 as per directions of the Engineer-in-charge.	2521.49	Cum		Per Cubic Metre	
						Total

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.			Estimated Cost:- 4,45,195.00	
Name of Work :- A/R & M/O NRB under Shimla Division No.I (SH: Repair and construction of store under Shimla Sub-Division No.1 at Winterfield and storate rack work for account Branch store)			Earnest Money :- 9,000.00	
			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.	12.04	Cum			Per Cubic Metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge. (i) 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size)	3.56	Cum			Per Cubic Metre	
3	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge. (i) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	1.44	Cum			Per Cubic Metre	
4	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, xcluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size) including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	2.04	Cum			Per Cubic Metre	
5	Centering and shuttering including strutting, propping etc. and removal of form for including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.(i) Foundations, footings, bases of columns, etc. for mass concrete	6.72	Sqm			Per Square Metre	
	(ii) Lintels, beams, plinth beams, girders, bressumers and cantilevers	5.15	Sqm			Per Square Metre	

13	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.00	Sqm			Per Square Metre	
14	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 2nd class deodar wood	0.30	Cum			Per Cubic Metre	
15	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge.(i) 2nd class deodar wood	4.20	Sqm			Per Square Metre	
16	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)250x16 mm	4.00	Nos			Each	
17	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 200x100mm	6.00	Nos			Each	
18	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 125mm	4.00	Nos			Each	
19	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Two or more coats on new work	39.90	Sqm			Per Sqaure Metre	
20	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre	10.00	Sqm			Per Sqaure Metre	

21	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.00	Sqm			Per Sqaure Metre	
22	Providing and fixing high pressure PVC spigot and socket waste and ventllating 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. (i) 110mm dia	60.00	Rmt			Per Running Metre	
	(ii) 75mm dia	16.00	Rmt			Per Running Metre	
23	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 walls and floors including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 75mm nominal diameter.	2.00	Nos			Each	
24	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.(i) 110 mm dia.	5.00	Nos			Each	
	(ii) 75mm dia.	4.00	Nos			Each	
25	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. (i) 110mm dia	5.00	Nos			Each	
26	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15 mm dia nominal bore	52.00	Rmt			Per Running Metre	
27	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 25 to 40 mm nominal bore	1.00	No			Each	
28	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 DE-01.	1.00	No			Each	
29	Providing and fixing C.P. brass bib cock 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) 155mm nominal bore. Make ESSESS cat DE-02	2.00	Nos			Each	

30	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
31	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.	2.00	Nos			Each	
32	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.	1.00	No			Each	
33	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require 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 mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Rectangular shape 453x357 mm	1.00	No			Each	
35	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone- III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone- III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) :	1.00	No			Each	
36	Supply and fixing C.I. cover 300x300mm without frame for gully trap weight of cover 4.5Kg. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	

37	Providing and fixing chromium plated brass soap dish with C.P. brass brackets fixed to wooden plug with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make cera cat No.AC703.	1.00	No			Each	
38	Providing and fixing C.P. grating for floor traps or Nahani trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)100mm dia	1.00	No			Each	
39	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 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)110 mm dia.	2.00	Nos			Each	
	(b) 75mm dia	2.00	Nos			Each	
40	Providing and fixing PVC door Tee 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	
	(b) 75mm dia	2.00	Nos			Each	
						Total	

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

SCHEDULE OF QUANTITY


Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:-95,204.00	
Name of Work :- A/R & M/O various residential quarters type-I to VI at Kasumpti Shimla-9 (SH: Repair of Kitchen in type-I set No.12 at Kasumpti Shimla).							Earnest Money :-2,000.00	
							Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount	
				In figures	In words			
1	Dismantling tiled floors laid in mortar upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.lead (wooden/concrete joists to be measured and paid for separately)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) For thickness of tiles upto 25mm	6.30	Sqm			Per Square Metre		
2	Demolition above G.L.upto floor two level including disposal of unserviceable materials within 20 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)un-reinforced cement concrete more than 15cm. Thickness	0.63	Cum			Per Cubic Metre		
3	Demolition above G.L. upto floor two level including disposal of unserviceable materials and including cutting the necessary reinforcement and separating out from R.C.C. /R.B. works including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a)R.C.C./ R.B.work.	0.18	Cum			Per Cubic Metre		
4	Demolition of brick work above G.L. upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within all metres lead upto dumping site which will be arranged by contractor him self including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) In cement mortar.	0.06	Cum			Per Cubic Metre		
5	Dismantling cement asbestos celotax/hard board in ceiling or partition wall including stacking of serviceable materials and disposal of un-serviceable materials within 20 metres lead (Frame work such as joists, beams to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.20	Sqm			Per Square Metre		
6	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 (fifty) metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each		

7	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50(Fifty) metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	14.40	Sqm			Per Square Metre
8	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.	3.10	Cum			Per Cubic Metre
9	Half brick masonry in common burnt clay building bricks in Super structure above plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:4(One cement:Four sand) Second Class Bricks.	1.44	Sqm.			Per Square Metre
10	Providing and laying Ceramic digital tiles in grey/coloured or of approved shade in skirting risers of steps and dados on 12mm thick cement mortar 1:3(1cement:3sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade of tiles complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (Nitco/orient Make or Equal)	42.84	Sqm.			Per Square Metre
11	Providing and laying Ceramic tiles (300x300mm) in grey/coloured or of approved shade in flooring, treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3(1cement:3sand) 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. (Nitco/orient Make or Equal)	12.60	Sqm.			Per Square Metre
12	Providing and laying marble work (Table rubbed and polished) in flooring 20mm thick base in cement mortar 1:3(1cement:3sand) including nosing/ 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 Baroda green marble including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.80	Sqm			Per Square Metre
13	Providing and fixing stainless steel kitchen sink of approved standard ISI make with drain board and C.P. waste with C.I. or M.S. Brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i)610 x 510 mm(Six hundred ten into Five hundred ten milimetre) with bowl depth 200 mm (Two hundred milimetre)	1.00	No.			Each
14	Providing and fixing 15mm mixer for kitchen sink with top / bottom swinging spout including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No.			Each

15	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (light 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) 15mm nominal bore	3.00	Rmt			Per Running Metre	
16	Providing form work with steel plates 3.15mm (three point fifteen milimetre) thick welded with angle iron in frame 30x30x5mm (thirty into thirty into five milimetre) so as to give a fair finish including centring, shuttering, strutting and propping etc. with wooden battens and bailies in all heights or propping and centring, below supporting floor to ceiling not exceeding 4mtrs (four metres) and removal of the same for in situ-reinforced concrete and plain concrete work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Beams, cantilever, girders and lintels (i) Sides and soffits of beams, beam hunchings, cantilevers, bressumers and lintels not exceeding 1 Mtr. (One metre) in depth in all heights from floor.	1.80	Sqm			Per Square Metre	
17	Providing mild steel/tor steel reinforcement for RCC work including cutting bending, binding & placing in position complete up to all floor level/all heights including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Tor steel.	30.00	Kgs.			Per Kilo-gram	
18	Providing and laying cement concrete work 1:1½:3 (one cement : one and half sand : three graded stone aggregate 20 mm (Twenty milimetre) nominal size) (twenty millimeters nominal size) mechanically mixed and vibrated for compacting concrete and curing complete excluding cost of form work and reinforcement for reinforced concrete work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Lintels, beams girders bressumers and cantilevers upto all floor level.	1.80	Cum			Per Cubic Metre	
19	Providing and fixing plain square edged cover fillets (beading) 40mmx12mm section with wood screws in ceiling and lining including mitring at junction including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 1st Class teak wood.	15.00	Rmt			Per Running Metre	
20	Providing and fixing paneled glazed or paneled and glazed shutters for doors windows and clerestory windows including black enameled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick i) 2nd Class Deodar Wood.	1.62	Sqm			Per Square Metre	
21	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 40mm thick 2nd class deodar wood	1.62	Sqm			Per Square Metre	

22	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)Ready mixed paint brushing wood primer pink.	30.00	Sqm			Per Square Metre	
23	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter. sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)With white enamel paint.	30.00	Sqm			Per Square Metre	
24	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.	7.92	Sqm			Per Square Metre	
25	Providing and fixing ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 6mm thick	3.60	Sqm			Per Square Metre	
26	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.	2.88	Sqm			Per Square Metre	
27	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	
28	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)1st class Indian teak wood.	45.00	Rmt			Per Running Metre	
29	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.	5.76	Sqm			Per Square Metre	
30	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.	30.00	Sqm			Per Square Metre	

	b) With enamel paint other than white	15.00	Sqm			Per Square Metre	
31	Extra over item No. 30 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.	50.00	Sqm.			Per Square Metre	
	b) With enamel paint other than white	7.00	Sqm.			Per Square Metre	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.
Name of Work :- A/R & M/O to various residence quarter at Brock Hurst Shimla-2 (SH: Painting and Distempering work in Type-IV set No.1,4 and Due/Vacation sets at Brock Hurst Kasumpti Shimla-9).

Estimated Cost:- 1,63,490.00

Earnest Money :- 3,300.00

Time:- 60 Days.

Sr. No	Description of Work / Item (S)	No of Qty	Estimated Rate		Unit	Amount
			In figures	In words		
1	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	400.00	Sqm		Per Square Metre	
2	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	500.00	Sqm		Per Square Metre	
3	Distempering(one coat) with oil bound washable distemper of approved brand and manufacture and of required shade, on decorated wall surfaces to give an even shade, after thoroughly brushing the surface lean of all grease, dirt, loose pieces of scales and also including preparing the surface even and sand papered smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1000.00	Sqm		Per Square Metre	
4	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With white enamel paint.	500.00	Sqm		Per Square Metre	
	b) With enamel paint other than white.	250.00	Sqm		Per Square Metre	
5	Extra over item for every subsequent coat of paint on wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	250.00	Sqm		Per Square Metre	
	b) With enamel paint other than white.	100.00	Sqm		Per Square Metre	
6	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) With white enamel paint	100.00	Sqm		Per Square Metre	

7	Extra over item No. 6 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)With white enamel paint	50.00	Sqm			Per Square Metre	
8	Applying a coat of mordant solution on G.S. sheet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)With a solution of 38 gms of copper acetate in a litre of soft water	100.00	Sqm			Per Square Metre	
9	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equarled on undecorated wall surfaces (two coats) to give an even shade and final finish after 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.	100.00	Sqm			Per Square Metre	
10	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.12	Sqm			Per Square Metre	
						Total	

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