

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

NO.SD-III-CB-Tender/2021-22-
To

32599

Dated:- 8-3-22

The Executive Engineer(IT Cell)
Nigam Vihar, Shimla-2

Subject:- Tender Notice

Enclosed kindly find herewith the tender notice for the various works as given in the notice inviting tender for uploading on department website as per notification of Principal Secretary (PW) to the Govt. of HP vide letter No.PBW(B)A(3)1/2020 dated 16th July, 2021 as the works mentioned in the notice inviting tender are urgent/emergent nature of works in public interest.

Encl:- as above

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

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

Sealed item rate tenders on form No. 6&8 are hereby invited by the Executive Engineer, Shimla Division No. III, I.P. PWD, Shimla-3 on behalf of the Governor of I.P. for the following works from the eligible Contractors Firms enlisted in I.P. PWD, so as to reach in his office on or before **16-03-2022** up to 10.30 A.M. and will be opened on the same day at 11.00 A.M. in the presence of the intending Contractors Firms or their authorized representatives. The tender form can be had from his office against cash payment (non-refundable) on any working day up to 4.00 P.M. on **15-03-2022** and the application for issue of tender form shall be received up to 4.00 P.M. on **15-03-2022**.

The earnest money in the shape of National saving Certificate/Time deposit account/saving account in any of the post office in I.P. duly pledged in favour of Executive Engineer, Shimla Division No-III must accompany with the application form for the tender offer. Conditional tender and the tender received without earnest money will summarily be rejected. The Executive Engineer reserves the right to reject the tender without assigning any reason there to. Other conditions are applicable as perform No. 6&8. The offer shall remain open for 30 days.

Sr. No	Name of work	Estimated Cost	Earnest money	Time	Form No	Cost of form
1	A/R & M/O various roads under Division No.III Shimla. (SII:- C/O retaining wall approach road to residential colony via Machiwali Kothi at RD 0/158.30 to RD 0/166 at U.S Club Shimla.	Rs.3,26,280/-	Rs.6530/-	One Month	6&8	350/-
2	A/R & M/O various roads under division No.III Shimla. (SII:- C/O retaining wall on Richmond chowk to Titla Hotel Road Via old Richmond Villa at RD 0/40.00 to RD 0/49.00).	Rs.1,85,870/-	Rs.3720/-	One Month	6&8	350/-
3	A/R & M/O various roads under division No. III Shimla. (SII:- C/O retaining wall approach road to residential colony via machiwali Kothi at Rd 0/166.30 to RD 0/173.30at U.S. Club Shimla.	Rs.3,57,257/-	Rs.7150/-	One Month	6&8	350/-
4	A/R & M/O various roads under division No. III Shimla. (SII:- C/O protection on Richmond Chowk to Titla Hotel Road via old Richmond villa at RD 0/47.00 to RD 0/56.00.	Rs.1,89,338/-	Rs.3790/-	One Month	6&8	350/-
5	A/R & M/O various roads under division No-III Shimla. (SII:- C/O retaining wall approach road to residential colony via Machiwali kothi at Rd 0/177.30 to Rd0/179.50 at U.S Club Shimla).	Rs.3,15,294/-	Rs.6305/-	One Month	6&8	350/-
6	A/R & M/O various roads under division No.III Shimla. (SII:- C/O protection on Richmond chowk to titla hotel road via old Richmond villa at RD 0/38.00 to RD 0/47.00.	Rs.1,82,300/-	Rs.3650/-	One Month	6&8	350/-
7	A/R & M/O to various non-residential buildings under Division No. III Shimla. (SII:- Construction of R/wall back side of canteen building near high court at Rd 0/18.95 to 0/20.95).	Rs.3,46,646/-	Rs.6930/-	One Month	6&8	350/-
8	Special repair to Kamla Nehru Hostilla Shimla. (SII:- Providing and fixing pine wood paneling work in seminar room, polishing work etc. in library at attic floor).	Rs.4,98,680/-	Rs.10,000/-	One Month	6&8	350/-
9	Special repair to Council Chamber building at Vidhan Sabha (SII:- Renovation of toilet & kitchen of Hon'ble speaker office at Vidhan Sabha Shimla).	Rs.3,77,659/-	Rs.7550/-	One Month	6&8	350/-
10	A/R & M/O various residential buildings under division No. III (SII:- Painting and distemping and other miscellaneous repair work in guard rooms at Benmore section).	Rs.2,05,225/-	Rs.4110/-	One Month	6&8	350/-
11	Special repair to Council Chamber building at Vidhan Sabha (SII:- Renovation of toilet of Hon'ble Speaker Office Staff. Painting and distemping etc).	Rs.3,16,298/-	Rs.6330/-	One Month	6&8	350/-
12	A/R & M/O various residential buildings under division No. III (SII:- Construction of protection wall in R.II side of set No. 14 and refixing of M.S railing etc).	Rs.1,81,051/-	Rs.3621/-	One Month	6&8	350/-
13	Special repair to Park 7 building at Nigam Vihar Shimla (SII:- Renovation of Ground floor park and 1st floor balcony with M.S Hollow back and polycarbonate sheet in roofing).	Rs.3,21,338/-	Rs.6500/-	One Month	6&8	350/-
14	A/R & M/O various residential buildings under division NO.III Shimla. (SII:- Construction of B/wall and edge wall in set No. -9 (G F) at Balquall Shimla).	Rs.3,45,664/-	Rs.6910/-	One Month	6&8	350/-
15	A/R & M/O to various non residential building under Shimla Division No. III (SII:- Supplying of various items for maintance of day to day under sub Division No. IX Armsdale building at IIP Sectt.).	Rs.1,48,538/-	Rs.3000/-	One Month	6&8	350/-
16	A/R & M/O Non residential building under Shimla Division No. III (SII:- Painting & Distemping in Aditya, Parshu (Billard room) corridor with darbar hall and van shobha at Raj Bhawan Shimla).	Rs.1,64,493/-	Rs.3300/-	One Month	6&8	350/-
17	Special repair to various non residential buildings under division No. III Shimla. (SII:- Renovation of gents toilets of 4 th floor in main building of I.P High Court, Shimla.).	Rs.3,84,452/-	Rs.7690/-	One Month	6&8	350/-
18	A/R & M/O various residential buildings under Shimla Division No. III (SII:- Supplying of various items for maintenance of day to day work under Shimla Sub Division NO. VII (Nabha Section).	Rs.1,34,370/-	Rs.2700/-	One Month	6&8	350/-
19	Special repair to various non residential buildings under division No. III Shimla(SII:- Renovation of gents toilets of 6 th floor in main building of I.P High Court, Shimla.).	Rs.3,84,452/-	Rs.7690/-	One Month	6&8	350/-

20	Special repair to various residential buildings under division No. III (SH:- Renovation of set No. 201 and 202 first floor, repair of cupboards, tile work, marble work, painting and distempering work etc. at Barnes Court Shimla).	Rs.3,40,534/-	Rs.6900/-	One Month	6&8	350 -
21	A/R & M/O to residential building under Shimla Division No. III (SH:- Hiring of Excavator cum loader for removal of debris/snow on various roads under medical sub division IGMC Shimla).	Rs.1,28,700/-	Rs.2600/-	One Month	6&8	350 -
22	A/R & M/O to road from Navbahar to Holly lodge Km 0.00 to 2.670 (SH:- C/O B wall at RD 2.05 to 2.015).	Rs.2,71,831/-	Rs.5500/-	One Month	6&8	350 -
23	A/R & M/O various residential buildings under Shimla Division No. III (SH:- Providing & fixing, flooring, lining, painting & distempering including sanitary fittings in set No. 1/12 Royal Hotel) at Nabha Estate Shimla.	Rs.2,05,094/-	Rs.4150/-	One Month	6&8	350 -
24	A/R & M/O to road from Navbahar to Holly lodge Km. 0.00 to 2.670 (SH:- Repair of P.C.C drain at Rd 0.450 to 1.300).	Rs.3,59,377/-	Rs.7200/-	One Month	6&8	350 -

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

Terms & Conditions:-

- 1 The contractor/firm shall have his GST No. and attested copy of the same be attached with the application for issue of tender form.
- 2 The contractor/firm should attach attested copy of registration/renewal.
- 3 Copy of PAN card be attached with the application form

NO.SD-III-CB-Tender/2021-22-

Copy forwarded for the following for information and necessary action to:-

1. The Engineer-in -Chief, HPPWD Nirman Bhawan, Nigam Vihar Shimla-2.
2. The Deputy Commissioner Distt. Shimla-1.
3. The Superintending Engineer 4th Circle in H.P. PWD Shimla with the request to issue necessary certificate regarding display of above tender notice in the notice board of circle office in view of the Principal Secretary (PW) to the H.P notification No.PBW (B) -A (3)1/2020.Dated:-Shimla-2 the 07January, 2021 and even file No.PBW(B)A(3)1/2020 Dated 16 July,2021 Please.
4. The Executive Engineer, IT wing to the Engineer-in -Chief, HPPWD Nirman Bhawan, Nigam Vihar Shimla- 2 along with schedule of Quantity through (e-mail) for taking necessary action in view of principal Secretary(PW) to the Government of Himachal Pradesh notification No.PBW (B)A(3)1/2020 dated 16th July,2021.
5. The Municipal Commissioner M.C. Shimla.
6. All the Assistant Engineers working under this Division.
7. The president contractor association Shimla.
8. Notice board

Executive Engineer,
Shimla Division No-III,
H.P. PWD Shimla-3.
Dated: 8-3-22

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

SCHEDULE OF QUANTITY

Estimated cost - 326280.00
Earnest Money - 6530.00

Time :- One Month.

Name of work:- A/R and M/O Various roads under division No. III Shimla. (SH:- C/O Retaining wall approach road to residential colony via Machiwali Kothi at RD 0/158.30 to RD0/166 at U.S Club Shimla)

Sl. NO.	Qty.	Rate		Unit.	Amount.
		In Figures.	In Words		
1	3	4	5	6	
1	7.04	Cum		Per cubic metre	
2	33.60	Cum		Per cubic metre	
3	66.50	Cum		Per cubic metre	
4	52.50	Sqm.		Per Square metre	
5	6.72	Cum		Per Cubic meter	
6	49.80	Rmt.		Per running metre.	
7	32.51	Cum		Per Cubic metre	
				Total:-	

CONDITION

- 1 Rates should be quoted for all heights including all leads and lifts for internal and external works.
- 2 Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of Indian standards.

Executive Engineer
Shimla Division NO.III.
HP.PWD.Shimla-171003

[Signature]

SCHEDULE OF QUANTITY

Estimated cost :- 185870.00
Earnest Money :- 3720.00

Time :- One Month

Name of work:- A/R and M/O Various roads under division No. III Shimla. (SH:- C/O Retaining wall on Richmond Chowk to Titla Hotel Road via old Richmond Villa At RD 0/40.00 to RD 0/49.00 .)

Sl. NO.	Qty.	Rate		Unit.	Amount.
		In Figures.	In Words		
1	22.59	4	5	6	
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within all leads and lifts as per direction of Engineer-in-charge :		Cum	Per cubic metre	
2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, filets, sunken floor etc., up to floor five level, including the cost of centering, shuttering and finishing 1:5:10 (1 cement : 5 coarse sand) : 10 graded stone aggregate 40 mm nominal size)		Cum	Per cubic metre	
3	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand : 8 Graded stone aggregate 25mm nominal size) and curing complete excluding cost of form work in foundation and plinth in breast and retaining walls etc. including carriage of materials in all leads and lifts.		Cum.	Per cubic metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 in Granular materials including carriage of materials within all leads and lifts.		Cum	Per Cubic meter	
5	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 110mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7 including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.		Rmt.	Per running metre.	
				Total:-	

CONDITION

- 1 Rates should be quoted for all heights including all leads and lifts for internal and external works.
- 2 Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work, and any or all of the material which are available as per Indian standard in the market should confirm to bureau of Indian standards.

Executive Engineer
Shimla Division NO.III.
HP.PWD.Shimla-171003

[Signature]

SCHEDULE OF QUANTITY

Estimated cost:- 357257.00
Earnest Money:- 7150.00

Time :- One Month.

Name of work:- A/R and M/O Various roads under division No. III Shimla. (SH:- C/O Retaining wall approach road to residential colony via Machiwali Kothi at RD 0/166.30 to RD 0/173.30 at U.S Club Shimla)

Sl. NO.	Qty.	In Figures.	Rate		Unit.	Amount.
			In Words			
1	3	4	5	6		
1	15.68	Cum		Per cubic metre		
2	29.40	Cum		Per cubic metre		
3	58.19	cum		Per Cubic metre		
4	46.90	Sqm.		Per Square metre		
5	5.04	Cum		Per Cubic meter		
6	49.80	Rmt.		Per running metre.		
7	34.05	Cum.		Per Cubic metre		
				Total:-		

CONDITION

- 1 Rates should be quoted for all heights including all leads and lifts for internal and external works.
- 2 Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of Indian standards.

Executive Engineer
Shimla Division NO.III.
HP.PWD.Shimla-171003

SCHEDULE OF QUANTITY

Estimated cost:- 189338.00
Earnest Money:- 3790.00
Time :- One Month.

Name of work:-AA/R and M/O Various roads under division No. III Shimla. (SH:- C/O Protection on Richmond Chowk to Titla Hotel Road via old Richmond Villa At RD 0/47.00 to RD 0/56.00 .						
Sl. NO.	Qty.	Rate	In Figures.		Unit.	Amount.
			4	5		
1	22.59	Cum			Per cubic metre	
2	5.94	Cum			Per cubic metre	
3	36.90	Cum.			Per cubic metre	
4	8.10	Cum			Per Cubic meter	
5	15.00	Rmt.			Per running metre.	
					Total:-	

CONDITION

- 1 Rates should be quoted for all heights including all leads and lifts for internal and external works.
- 2 Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of Indian standards.

Executive Engineer
Shimla Division NO.III.
HP.PWD.Shimla-171003

SCHEDULE OF QUANTITY

Estimated cost:- 315294.00
Earnest Money:- 6305.00
Time :- One Month.

Name of work:- A/R and M/O Various roads under division No. III Shimla. (SH:- C/O Retaining wall approach road to residential colony via Machiwali Kothi at RD 0/177.30 to RD 0/179.50) at U.S Club Shimla)

Sl. NO.	Qty.	Rate		Unit.	Amount.
		In Figures.	In Words		
1	3	4	5	6	
1	7.44 Cum			Per cubic metre	
2	24.80 Cum			Per cubic metre	
3	51.56 cum			Per Cubic metre	
4	47.88 Sqm.			Per Square metre	
5	4.09 Cum			Per Cubic meter	
6	36.00 Rmt.			Per running metre.	
7	25.79 Cum.			Per Cubic metre	
				Total:-	

CONDITION

- 1 Rates should be quoted for all heights including all leads and lifts for internal and external works.
- 2 Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of Indian standards.

Executive Engineer
Shimla Division NO.III.
HP.PWD.Shimla-171003

SCHEDULE OF QUANTITY

Estimated cost:- 182300.00
Earnest Money:- 3650.00
Time :- One Month.

Name of work:-A/R and M/O Various roads under division No. III Shimla. (SH:- C/O Protection on Richmond Chowk to Titla Hotel Road via old Richmond Villa At RD 0/38.00 to RD 0/47.00 .

Sl. NO.	Qty.	Rate	In Words		Unit.	Amount.
			In Figures.			
1	3		4	5	6	
1	22.59	Cum			Per cubic metre	
Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within all leads and lifts as per direction of Engineer in-charge :						
2	3.87	Cum			Per cubic metre	
Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or facing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, including the cost of centering, shuttering and finishing:1:5:10 (1 cement : 5 coarse sand) : 10 graded stone aggregate 40 mm nominal size)						
3	36.90	Cum.			Per cubic metre	
Providing and laying cement concrete 1:4:8 (1 cement : 4 sand : 8 Graded stone aggregate 25mm nominal size) and curing complete excluding cost of form work in foundation and plinth in breast and retaining walls etc.including carriage of materials in all leads and lifts.						
4	8.10	Cum			Per Cubic meter	
Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 in Granular materials including carriage of materials within all leads and lifts.						
5	15.00	Rmt.			Per running metre.	
Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 110mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7 including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.						
					Total:-	

CONDITION

- 1 Rates should be quoted for all heights including all leads and lifts for internal and external works.
- 2 Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of indian standards.

Executive Engineer
Shimla Division NO.III.
HP.PWD.Shimla-171003

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 346646.00
 Earnest Money Rs. :- 6930.00
 Time:- One Month.
 Name of work:- A/R and Mo/O to various Non- Residential buildings Under Division no. III Shimla. (SH:- Construction of R/wall back side of canteen building near high Court at RD 0/18.95 to 0/20.95)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.	36.20 Cum			Per cubic metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.50 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.50 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	9.60 Cum			Per cubic metre.	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 Cement : 5 coarse sand) : 10 graded stone aggregate 40mm nominal size) including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	1.60 Cum			Per cubic metre	
4	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, sills, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:- 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size.)	53.82 Cum			Per Cubic metre	
5	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached plasters, buttresses, plinth and string courses fillets, kerbs and steps etc. complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	41.63 Sqm.			Per Square metre	
6	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 in Granular materials including carriage of materials within all leads and lifts.	1.92 Cum			Per Cubic metre	
7	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	0.43 Cum.			Per cubic metre.	
8	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 110mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7 including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	44.60 Rmt.			Per Running metre	
9	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.	45.80 Cum			Per cubic metre	
Conditions:-						
1 Rates should be quoted for all heights including all leads and lifts for internal and external works.						
2 Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should conform to bureau of Indian standards.						
Total						

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

SCHEDULE OF QUANTITY						
Name of work: - Special Repair to Kamla Nehru Hospital Shimla (SH:- Providing and Fixing Pine wood Paneling work in Saminar room, Polishing work etc. In library at Attic floor)			Estimated Cost: -Rs.498680.00/- only Earnest Money : Rs.10000/-Only Time - One Month			
S.No.	Sub head and items of work	Qty.	Rate	In words	Unit	Amount
1	2	3	0.19	Cum	Per Cubic Metre	7
1	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc:- Sal wood complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.					
2	Providing and fixing plain lining with necessary screws/nuts & bolts/ nails, including a coat of approved primer on one face, and fixed on wooden /steel frame work, complete as per direction of Engineer-in-charge (Frame work shall be paid for separately). including carriage of materials within all leads and lifts.(i)9mm thick commercial ply conforming to IS : 1328 BWR type	167.00	Sqm.		Per Square Metre	
3	Providing and fixing 12 mm thick Pine Wood wood Tongued and Grooved lining of approved quality with butt jointing and nails(frame work and cover fillets to be paid for separately).	167.00	Sqm.		Per Square Metre	
4	Providing and fixing wooden moulded corner beading of triangular shape to the junction of panelling etc. with iron screws, plugs and priming coat on unexposed surface etc. complete 2nd class teak wood (i) 50x50 mm (base and height)	25.80	Rmt.		Per Running Metre	
5	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete (i) 2nd class teak wood 50x20mm	16.20	Rmt.		Per Running Metre	
6	Polishing two or more coats with malamine polish of required shade on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts.	167.00	Sqm.		Per Square Metre	
Conditions:-						
i Rates should be quoted for all heights including all leads and lifts for internal and external works.					Total	

ii Useful materials will be handed over to the Assistant Engineer, Medical Collage Sub Division

HPWD, Shimla-1 otherwise credit for useful materials will be charged.

iii Sample of all Materials to be used on work shall be got approved from the Engineer-in-charge in

advance before actual use on work and any or all of the materials which are available as per Indian

standard in the market should confirm to bureau of Indian standards.

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 377659.00
 Earnest Money Rs. :- 7550.00
 Time:- One Month.

Name of work:- S/R to Council Chamber Building at Vidhan Sabha. (SH:- :- Renovation of Toilet & Kitchen of Hon'ble Speaker Office at Vidhan Sabha Shimla)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount
			In figures	In words		
1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	47.4	Sqm		Per square metre	
2	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.	2.51	Cum		Per square metre	
3	Demolishing cement concrete manually by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:4:8 or leaner mix (if equivalent design mix)	2.25	Cum		Per Cubic metre.	
4	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead. Including carriage of materials within all leads and lifts.	1.00	No		Each	
5	Demolition in terrace upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within 20 metres lead. Mud phuska.	3.12	CUM		Per Cubic metre	
6	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor all level. Cement mortar 1:4 (1 cement : 4 coarse sand)	19.28	Sqm		Per square metre	
7	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	1.80	CUM		Per Cubic metre	
8	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 : 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size)	0.12	CUM		Per Cubic metre	
9	Centering and shuttering including strutting, propping etc. and removal of form for :- Suspended floors, roofs, landings, balconies and access platform and Shelves (Cast in situ) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	2.80	Sqm.		Per square metre.	
10	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Mild steel and Medium Tensile steel bars	75.45	KG		PerKilogramme	
11	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). 2nd class deodar wood	0.09	Cum		Per Cubic metre.	
12	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. (Note:- Butt hinges and necessary screws shall be paid separately) Deodar wood 35 mm thick shutters	1.22	Sqm		Per square metre	
13	Providing 40x3 mm flat iron hold fast 40cm. Long including fixing to frame with 10mm diameter bolts & nuts and wooden plugs and embedding in cement concrete block 30x10x15cm. 1:3:6 (1 cement : 3 sand: 6 graded stone aggregate 20mm nominal size), including carriage of materials within all leads and lifts.	6.00	No		Each	
14	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc complete. including carriage of materials within all leads and lifts.:-2nd class D/Dar wood.	0.014	Cum		Per Cubic metre.	
15	Providing and fixing 9mm commercial ply of standard quality ISI mark and approved shade and colour in ceiling, lining and panelling including mitering at junctions, butt jointing and nails complete (frame work for base to be measured and paid for separately) and carriage of material within all leads and lifts.	1.96	SQM		Per square metre	
16	Dubbing out an old irregular walls average 10 mm thick with cement mortar 1:6 (1 Cement : 6 sand) including carriage of materials in all leads and lifts.	38.99	Sqm.		Per square metre.	
17	Providing and fixing ply wood lining with butt jointing and nails (frame work and cove filets to be measured and paid for separately) 6mm thick ply including carriage of materials within all leads and lifts.	0.40	Sqm.		Per Square metre	

36	Making double nosing to treads of steps of Polished Granite stone complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	113.74	Rmt.		Per running metre
37	15 mm cement plaster on the rough side of single or half brick wall of mix 1:6 (1 cement: 6 fine sand) including carriage of materials within all leads and lifts.	15.42	Sqm.		Per square metre
38	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	15.42	Sqm		Per square metre.
39	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 within all leads and lifts.	87.76	Sqm		Per square metre
40	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coats applied @ 0.80 ltr/10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	15.42	Sqm		Per square metre
41	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old work including carriage of materials within all leads and lifts.	16.83	Sqm		Per square metre
42	Removing dry or oil bound distemper water proofing cement paint and the like by scraping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts.	36.08	Sqm.		Per square metre.
43	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade one or more coats on old work complete including carriage of materials within all leads and lifts.	36.08	Sqm		Per square metre
44	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade two coats on new work complete including carriage of materials within all leads and lifts.	36.26	Sqm		Per square metre
45	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work - Exposed on wall 15 mm dia nominal bore complete including carriage of materials in all leads and lifts internal work.	24.95	Rmt.		Per Running Metre.
46	Providing and fixing PVC (Finolex Type-B) 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 within all leads and lifts:- (i) 110mm X 75mm size.	4.00	No		Each
47	Providing and fixing high pressure PVC (Finolex) type-B spigot and socket, waste and ventilating pipes including collar and clamps ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm dia.	8.58	Rmt		Per Running metre.
48	Providing and fixing PVC Finolex type B door bend with oval access door, insertion rubber washer 3mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	1.00	No.		Each
49	Providing and fixing PVC Finolex type B collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 110mm nominal size.	3.00	No.		Each
50	Providing and fixing PVC Finolex plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	1.00	No.		Each
51	Providing and fixing vitreous China wash down water closet (European type W.C. pan) universal star white complete set with integral P or S trap including joining the trap with soil pipe in cement mortar 1 : 1 (1 cement : 1 sand) (seat and cover to be measured and paid for separately) including carriage of materials within all leads and lifts:- Hindware catalogue . Cat. No. 20102 (P-18) (S-22) Cist: 21058 Starwhite	1.00	No.		Each
52	Providing and fixing wash basin with Pedestal G.I. brackets, . 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require White Vitreous China Wash basin size 630x450 mm with Pedestal (ESSCO)	1.00	No.		Each
53	Providing and fixing health Faucet for water closet including carriage of materials within all leads and lifts:- Cat No. C-232C.	1.00	No		Each
54	P/F ESS Angle cock, Angle cock with wall flange. complete including carriage of materials within all leads and lifts CAT NO. TWAC 101	8.0	NOS		Each
55	Providing and fixing C.P. brass waste for wash basin or sink including carriage of materials within all leads and lifts :-32 mm dia.	1.0	NOS		Each
56	Providing and fixing 15 mm dia Ess-Ess Bib Cock with wall flange of approved quality and make (Cat no.TW 101) including complete in all respect.	1.00	No.		Each
57	Providing and fixing C.P. toilet paper holder of ESS ESS make catalogue No. AC-106 or its equivalent complete including carriage of materials in all leads and lift as per direction of Engineer in Charge.	1.00	No.		Each

58	Providing and fixing C.P. Soap dish complete fixed to wooden plugs with C.P. screws including carriage of materials within all leads and lifts:- ESS ESS AC-503.	1.00	No.	Each
59	Providing and fixing towel ring of ESS ESS catalogue No. SQTW201 or equivalent complete including carriage of materials within all leads and lifts.	1.00	No.	Each
60	Providing and fixing liquid soap Dispenser of Viking wall mounted plastic ABS 500 ml snap fittings of approved quality and colour complete including carriage of materials within all leads and lifts.	1.00	No.	Each
61	Providing and fixing automatic sensor liquid soap complete including carriage of materials within all leads and lifts.	1.00	No.	Each
62	Providing and fixing automatic sensor hand dryer complete including carriage of materials within all leads and lifts.	1.00	No.	Each
63	Providing and fixing looking mirror of size 600mmx450mm with plastic frame (superior quality) including backing support and fixing with screws etc at site as directed by Engineer-in-charge including carriage of materials within all leads and lifts.	1.00	No.	Each
64	Providing and fixing 100mm C.P. grating for floor or nahani trap including carriage of materials within all leads and lifts.	3.00	No.	Each
65	Providing & fixing 32mm dia. PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts. including carriage of materials within all leads and lifts	2.00	No.	Each
66	Providing and fixing 60cm length uplastised PVC connection pipe with brass unions 15 mm nominal bore complete including carriage of materials within all leads and lifts.	5.00	No.	Each
(ii)	60cm length with brass unions 15 mm nominal bore complete including carriage of materials within all leads and lifts.	2.00	No.	Each
67	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required-Kitchen sink with drain board 600x450x300 mm bowl depth 200 mm complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	1.00	No.	Each
68	Disposal of moorum/building rubbish/ malba/ similar unserviceable dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - Item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more	11.25	CUM	Per Cubic metre
69	Providing and fixing 15 mm dia CP Brass single liver basin mixer of approved quality and make (cat no.TWPC101) including complete in all respect.	1.00	No.	Each
70	Providing and fixing 15mm mixer for kitchen sink with top / bottom swinging spout including carriage of materials within all leads and lifts. Cat No.TMS -101	2.00	No.	Each
Conditions:-				
Total				

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should conform to bureau of Indian standards.

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

SCHEDULE OF QUANTITY

Estimated cost:- 205225.00
Earnest Money:- 4110.00
Time :- One Month.

Name of work:- A/R and M/O various residential buildings under division no. III Shimla. (SH:-Painting and distemping and other miscellaneous repair work in Guard rooms at Benmore Section)

Sl. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	2	3	4	5	6	
1	Removing dry or oil bound distemper, water proofing cement paint and the like by scraping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete within all leads, lifts of materials	161.44	Sqm		Per square metre.	
2	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.	161.44	Sqm		Per square metre.	
3	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equivalent on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc. including sand paper smooth complete in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	403.60	Sqm		Per square meter	
4	Painting wood work with Deluxe Multi Surface Paint to give an even shade. one or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture.	116.15	Sqm		Per square metre.	
5	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre. including carriage of materials within all leads and lifts.	192.00	Sqm		Per square metre.	
6	Painting wood work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture.	192.00	Sqm		Per square metre.	
7	Painting steel work with Deluxe Multi Surface Paint to give an even shade. one or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture.	337.95	Sqm		Per square metre.	
8	Painting on G.S. sheet with Apex -Ultima paint of approved brand and manufacture of required colour to give an even shade :New work (two or more coats) including a coat of approved steel primer but excluding a coat of mordant solution	953.37	Sqm		Per square metre.	
9	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete. Double strip (horizontal type)	64.00	No		Each	
10	Providing and fixing fly proof galvanised M.S. wire gauge of I.S.gauge designation No. 140g with wire of dia 0.71mm to window and clerestory windows etc. complete including carriage of materials within all leads and lifts as per direction of Engineer-in-	11.52	Sqm		Per square metre.	

11	Providing and fixing aluminium handle 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 : (i) 125mm	64.00	No			
12	Providing and laying granite stone of approved shade in flooring 20mm (average) thickness base of cement mortar 1:3(1cement: 3 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone including rubbing and polishing complete in 20mm thick including carriage of materials within all leads and lifts.	5.85	Sqm			Each Per square metre.
13	Making rounded/ half rounded nosing in granite/kota stone complete. 20mm.thick including carriage of materials within all leads and lifts.	9.00	Rmtr			Per running metre.
						Total

CONDITION

- 1 Rates should be quoted for all heights including all leads and lifts for internal and external works.
- 2 Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of Indian standards.

Executive Engineer
Shimla Division NO.III.
HP.PWD.Shimla-171003

[Signature]

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 316298.00
 Earnest Money Rs. :- 6330.00
 Time:- One Month.

Name of work:- S/R to Council Chamber Building at Vidhan Sabha. (SH:- :- Renovation of Toilet of Hon'ble Speaker Office Staff, Painting and distemper etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	16.33	SQM		Per square metre	
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge-Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	0.52	CUM		Per Cubic metre	
3	Excavation work by mechanical means (Hydraulic excavator) manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and running of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m. Ordinary rock	1.22	CUM		Per Cubic metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	0.79	CUM		Per Cubic metre	
5	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 : 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size)	0.06	CUM		Per Cubic metre	
6	Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform	0.90	SQM		Per square metre	
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Mild steel and Medium Tensile steel bars	6.00	KG		PerKilogramme	
8	Providing and laying Vitrified 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 brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 600x300 mm	14.97	SQM		Per square metre	
9	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.	7.87	SQM		Per square metre	
10	Polished Granite stone slab i.e. Black, Cherry Red, Elite Brown, Cat Eye or equivalent. Extra for pre finished nosing to treads of steps of marble stone.	15.68	RMT		Per running metre	
11	Dubbing out an old irregular walls average 10mm thick with cement mortar 1:3 (1 cement : 3sand) complete as per directions of Engineer-in-charge.	8.61	SQM		Per square metre	
12	Providing and fixing ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) 6mm Thick	4.75	SQM		Per square metre	
13	Providing and fixing 19mm thick Commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete) including carriage of materials within all leads and lifts.	21.74	SQM		Per square metre	
14	Providing and fixing 19mm thick Commercial Board shutters for up boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts	3.83	SQM		Per square metre	

15	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sumica) on boards/ply wood sheets with approved adhesive and nails etc complete, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge.	13.86	SQM	Per square metre
16	Providing and fixing square edges cover fillets (beading) 19mmx6mm section 1/2 mitring at junctions with wood screws and nails complete, well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soils. 1st class decidar wood.	49.13	RMT	Per running metre
17	Providing and fixing veneered decorative plywood lining with decorative surface on one face with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) 4 mm thick plywood. Including carriage of materials in all leads and lifts.	20.65	SQM	Per square metre
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 : 100 mm	12.00	NOS	Each
19	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete. Double strip (horizontal type)	14.00	NOS	Each
20	Providing and fixing 100mm bright finished brass floor door stopper with rubber cushion screws etc. to suit shutter thickness complete. Including carriage of materials within all leads, lifts and other incidentals.	5.00	NOS	Each
21	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	143.66	KG	Per/Kilogramme
22	Providing and fixing M.S. Gumbaj including carriage of materials in all leads and lifts.	5.0	NOS	Each
23	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and carriage of materials within all leads and lifts.	43.36	Sqm	Per square metre
24	Applying priming coat. With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	43.36	SQM	Per square metre
25	Painted with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade One or more coats on old work	26.67	SQM	Per square metre
26	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture	52.47	Sqm	Per square metre
27	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade one or more coats on old work complete including carriage of materials within all leads and lifts.			Per square metre
28	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, 1/2 cutting and making good the walls etc 15 mm dia nominal bore. Internal work	18.83	RMT	Per running metre
29	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : 15 mm nominal bore	4.0	NOS	Each
30	Providing and fixing Hexa Nipple 15mm dia complete including carriage of materials within all leads and lifts.	3.0	NOS	Each
31	Providing and fixing exterior Nipple 15 mm dia complete including carriage of materials within all leads and lifts.	5.0	NOS	Each
32	Providing and fixing G.I. Nipple 15x100mm complete including carriage of materials within all leads and lifts.	3.0	NOS	Each
33	Providing and Fixing PVC Finolex Type B floor trap ISI marked of self cleansing design complete 110mmx75mm	2.0		Each
34	Providing and fixing high pressure PVC (Finolex) type-B spigot and socket, waste and ventilating pipes including collar and clamps ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110 mm dia	9.25	RMT	Per running metre
	ii) 75 mm	5.05	RMT	Per running metre
35	Providing and fixing PVC (finolex) Type 'B' single equal branch plain ISI marked etc complete 110 mm dia	1.0	NOS	Each

36	Providing and fixing PVC (finolex) Type 'B' Collar ISI marked including fixing with approved adhesive etc complete.	4.0	NOS	Each
37	i) 110 mm dia Providing and fixing PVC (finolex) Type 'B' plain bend ISI marked including fixing with approved adhesive etc complete.	2.0	NOS	Each
38	i) 110 mm dia Providing and fixing Finolex (Type-B) 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 within all leads and lifts:-110mm dia.	2.0	NOS	Each
39	Providing and fixing PVC (finolex) Type 'B' Reducer 150x110mm ISI marked ISI marked including fixing with approved adhesive etc complete. i) 110 mm dia	1.0	NOS	Each
40	Providing and fixing PVC (finolex) Type 'B' 'P' or 'S' TRAP ISI marked including fixing with approved adhesive etc complete. i) 110 mm dia	1.0	NOS	Each
41	Providing and fixing PVC (finolex) Type 'B' 'GULLY TRAP ISI marked including fixing with approved adhesive etc complete.	1.0	NOS	Each
42	Providing and fixing vitreous China pedestal type wash down, water closet (European type. W.C. pan) one piece with integral 'P' or 'S' trap including eastern seat and cover jointing the trap with soil pipe in cement mortar 1:1(1 cement : 1 sand) including carriage of materials within all leads and lifts:-Complete set OP-25-P One piece closet P Trap 360x690x730 make Hindware.	3.0	NOS	Each
43	Providing and fixing wash basin with C.I. brackets, 15mm 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: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps CAT NO.-10098	1.0	NOS	Each
44	Providing and fixing CORNER wash basin with C.I. brackets, 15mm 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: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps CAT NO.-10031	1.0	NOS	Each
45	P/F ESS Angle cock. Angle cock with wall flange. complete including carriage of materials within all leads and lifts. CAT NO. TWAC.101	6.0	NOS	Each
46	Providing & fixing ESS BIB COCK. complete including carriage of materials within all leads and lifts 15 mm dia CAT TWBC. 101	1.0	NOS	Each
47	Providing & fixing 32mm dia, PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts.	2.0	NOS	Each
48	Providing & fixing ESS PILLAR COCK. complete including carriage of materials within all leads and lifts 15 mm dia CAT TWPC102	2.0	NOS	Each
49	Providing & fixing ESS Central hole basin mixer without pop-up waste system with 450 mm long flexible hose 15 mm dia complete including carriage of materials within all leads and lifts TWBM-101	1.0	NOS	Each
50	Providing and fixing Ess-ESS soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms. AC-103	2.0	NOS	Each
51	Providing & fixing ESS TOILET PAPER HOLDER 15 mm dia complete including carriage of materials within all leads and lifts CAT AC 106	1.0	NOS	Each
52	Providing and fixing towel rail Towel rail (61 cms) complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. ESS made SOTW101	1.0	NOS	Each
53	Providing and fixing 100mm C.P. grating of viking for floor or nahani trap including carriage of materials within all leads and lifts.	2.0 No		Each
54	Providing and fixing liquid soap dispenser container with C.P. Brass lid and brackets fixed to wooden plugs with C.P. brass Screws Glass container made Viking	1.0	NOS	Each
55	Providing & fixing Senser Liquid Soap Dispenser. complete including carriage of materials within all leads and lifts	1.0	NOS	Each

56	Providing and fixing, PVC connection pipe, 45 cm length, 15 mm nominal bore viking made, complete including carriage of materials within all leads and lifts	7.0	NOS		Each
57	Providing & fixing ESS ESS Health Faucet Bathroom, complete including carriage of materials within all leads and lifts CAT C.232N	2.0	NOS		Each
58	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 rectangular in shape 60cm x 45cm	1.0	NOS		Each
59	Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 course sand) for sluice valve, with C.I. surface box 100mm topdiameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1.0	NOS		Each
60	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary including carriage of materials within all leads and lifts:-Plain Glass: 50mm thick	2.16	SQM		Per square metre
61	Providing and fixing gun metal gate valve with PVC coated lever of approved quality (screwed end) 15 mm nominal bore, complete including carriage of materials within all leads and lifts	1.0	NOS		Each
62	Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum. or more	2.96	CUM		Per Cubic metre
Conditions:-					Total

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should conform to bureau of Indian standards.

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

SCHEDULE OF QUANTITY

Name of work:- A/R and M/O Various residential buildings under division No.III Shimla. (SH:- Construction of protection wall in R.H side of set No. 14 and refixing of M.S railing etc.)

Estimated Cost Rs. :- 181051.00
Earnest Money Rs. :- 3621.00
Time:- One Month.

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.50 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.50 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	13.99 Cum			Per cubic metre.	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.	6.89 Cum			Per cubic metre	
3	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached plasters, buttresses, plinth and string courses fillets, kerbs and steps etc. complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	21.89 Sqm.			Per Square metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 Cement : 5 coarse sand) : 10 graded stone aggregate 40mm nominal size) including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	2.72 Cum			Per cubic metre	
5	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:- 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size.)	24.50 Cum			Per Cubic metre	
6	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	2.11 Cum.			Per cubic metre	
7	Cutting & Refixing of steel work. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works complete including carriage of materials within all leads and lifts (Labour Rate)	3.30 Qlt			Per /Qlt	
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.	20.88 Cum			Per cubic metre	
Conditions:-						
i Rates should be quoted for all heights including all leads and lifts for internal and external works.					Total	
ii Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.						

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

SCHEDULE OF QUANTITY

Name of work: -Special Repair to Park 7 building at Nigam Vihar Shimla (SH:-Renovation of Ground floor park and 1st floor Balcony with M.S. Hollow back and polycarbonate sheet in roofing)				Estimated Cost: -Rs.321338/- only	
				Earnest Money : Rs.6500/-Only	
				Time - One Month	
S.No.	Sub head and items of work	Qty.	Rate	Unit	Amount
1	2	3	In figure	In words	6 7
1	Excavation work by mechanical means (hydraulic excavator) manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within all Leads and Lifts. (i) Ordinary Rock	1.51	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. 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 (mm nominal size) including carriage of materials within all leads and lifts	1.51	Cum.	Per Cubic Metre	
3	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolting with special shaped washers etc. complete.	1738.14	Kg	Per Kilogramme	
4	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolting with special shaped washers etc. complete.	683.99	Kg	Per Kilogramme	
5	Providing and fixing M.S.B.P. sheet 2mm thick in eaves board / ornamental fascia / soffit & ceilings including cutting, welding and applying a coat of red lead primer etc. complete as per the instruction of Engineer in charge including carriage of material in all leads and lifts :-	19.49	Sqm.	Per Square Metre	
6	Providing and fixing 3 mm thick Polycarbonate sheet plain lining with necessary screws/nuts & bolts/ nails, and fixed on wooden /steel frame work, complete as per direction of Engineer-in-charge (Frame work shall be paid for separately). including carriage of materials within all leads (i) 3 mm thick Polycarbonate sheet	14.43	Sqm	Per Square Metre	
7	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	105.01	Sqm.	Per square metre	
8	Disposal of moorum/ building rubbish/ maiba. Similar unserviceable, dismantled or waste material by mechanical transport including loading, Transporting, unloading to approved Municipal dumping ground for lead upto 10km. For lalleafis, complete as per direction of Engineer- in Charge Note-Item to be applicable in urban area having directions for restricted hours movement/ plying of load carrying motor vehicle of 3.5 cum. or More.	1.51	Cum	Per Cubic Metre	
Conditions:-					
i Rates should be quoted for all heights including all leads and lifts for internal and external works. ii Useful materials will be handed over to the Assistant Engineer, Sub Division No.V. HPPWD, Raj Bhawan Shimla-2 otherwise credit for useful materials will be charged. iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.					
				Total	

Executive Engineer,
Shimla Division No. III,
HP/PWD, Shimla-8

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 345664.00
 Earnest Money Rs. :- 5910.00
 Time:- One Month.
 Name of work:- A/R and M/O Various residential buildings under division No.III Shimla. (SH:- Construction of B/wall and edge wall in set No-9 (G.F) at Balquali Shimla)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.	15.71 Cum			Per cubic metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.50 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.50 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	19.87 Cum			Per cubic metre.	
3	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached plasters, buttresses, plinth and string courses fillets, kerbs and steps etc. complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	41.25 Sqm.			Per Square metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 Cement : 5 coarse sand) ; 10 graded stone aggregate 40mm nominal size) including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	2.65 Cum			Per cubic metre	
5	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc. up to floor five level, excluding the cost of centering, shuttering and finishing:- 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size.)	21.03 Cum			Per Cubic metre	
6	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	11.44 Cum.			Per cubic metre.	
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level:- Hot rolled deformed bars complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	1372.80 Kg.			Per Kilogramme.	
8	Disposal of building rubbish / mabba / 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.	35.58 Cum			Per cubic metre	
Conditions:-						
i Rates should be quoted for all heights including all leads and lifts for internal and external works.					Total	
ii Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should conform to bureau of Indian standards.						

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

SCHEDULE OF QUANTITY

Name of work: -A/R & M/O to Various Non Residential Building under Shimla Division No. III

(SH:- Supplying of Various Items for Maintenance of day to day under sub Division No.- IX

Armsdale Building at Hp. Sectt.)

Estimated Cost: -Rs. 148538/- only

Earnest Money : Rs.3000/-Only

Time - One Month

S.N	Sub head and items of work	Qty.	Rate		Unit	Amount
			In figure	In words		
1	2	3			6	7
1	Providing and Supplying CP. Bib Cock SEIKO Deluxe Hot and Cold heavy Duty 15mm Dia at store of Sub Division No.- IX Armsdale Building including carriage of materials within all leads and lifts.	4.00 No.			Each	
2	Providing and Supplying Ball Cock With Float Valve 15mm Dia Complete at store of Sub Division No.- IX Armsdale Building including carriage of materials within all leads and lifts.	8.00 No.			Each	
3	Providing and Supplying Cp. Brass long Nose Bib Cock Deluxe hot and Cold 15mm Dia Complete at store of Sub Division No.- IX Armsdale Building including carriage of materials within all leads and lifts.	2.00 No.			Each	
4	Providing and Supplying door slincer rubber Heavy Complete at store of Sub Division No.- IX Armsdale Building including carriage of materials within all leads and lifts.	10.00 No.			Each	
5	Providing and Supplying Gun Metal Brass Brass Valve with PVC Leaver Handle 15 mm Size Medium Complete at store of Sub Division No.- IX Armsdale Building including carriage of materials within all leads and lifts.	6.00 No.			Each	
6	Providing and Supplying PVC Connection Hot and Cold 15x400mm Heavy Duty at store of Sub Division No.- IX Armsdale building including carriage of materials within all leads and lifts.	8.00 No.			Each	
8	Providing and Supplying Helical Door spring GP. of approved brand at store of Sub Division No.- IX Armsdale building including carriage of materials within all leads and lifts.	6.00 No.			Each	
9	Providing and Supplying Stainlesssteel Hydraulic pedestal dust bin milton Make at store of Sub Division No.- IX Armsdale including carriage of materials within all leads and lifts.	4.00 No.			Each	
10	Providing and Supplying EWC Seat Cover for (European Type) Complete with Heavy duty at store of Sub Division No.- IX Armsdale including carriage of materials within all leads and lifts.	2.00 No.			Each	
11	Providing and Supplying EWC Seat Cover for (Anglo Indian Type) Complete with Heavy duty at store of Sub Division No.- IX Armsdale including carriage of materials within all leads and lifts.	2.00 No.			Each	
12	Providing and Supplying Hydraulic door closer Heavy duty at store of Sub Division No.- IX Armsdale Building including carriage of materials within all leads and lifts.	15.00 No.			Each	
13	Providing and Supplying Glass Panes 4mm thick at store of Sub Division No.- IX Armsdale Building including carriage of materials within all leads and lifts.	96.00 Sqf			Per Square Feet	
14	Providing and Supplying CP Wall Mixer Complete Heavy Duty Somany Make/ SIKKO Armsdale Building including carriage of materials within all leads and lifts.	2.00 No.			Each	
15	Providing and Supplying CP. Soap dish Dishpencer Large 500mm Heavy Duty at store of Sub Division No.- IX Armsdale Building including carriage of materials within all leads and lifts.	12.00 No.			Each	

16	Providing and Supplying GI Pipe 50mm -B Class Jindal Hissar ISI Marked Heavy duty 20 feet long at store of Sub Division No.- IX Armsdale Building including carriage of materials within all leads and lifts.	2.00 No.	Each	
17	Providing and Supplying GI Elbow 50mm Medium at Pwd Store a Armsdale Building including carriage of materials within all leads and lifts.	2.00 No.	Each	
18	Providing and Supplying GI Socket 50mm Medium at Pwd Store a Armsdale Building including carriage of materials within all leads and lifts.	3.00 No.	Each	
19	Providing and Supplying GI Union 50mm Medium at Pwd Store a Armsdale Building including carriage of materials within all leads and lifts.	3.00 No.	Each	
20	Providing and Supplying GI Hexa nipple 50mm Medium at Pwd Store a Armsdale Building including carriage of materials within all leads and lifts.	2.00 No.	Each	
21	Providing and Supplying Putty Galzing at Pwd Store a Armsdale Building including carriage of materials within all leads and lifts.	30.00 Kg	Per Kilogram	
22	Providing and Supplying Leak stop Superior at Pwd Store a Armsdale Building including carriage of materials within all leads and lifts.	6.00 Kg	Per Kilogram	
23	Providing and Supplying PVC Kit for PVC Cistern Only at Pwd Store a Armsdale Building including carriage of materials within all leads and lifts.	4.00 No.	Each	
24	Providing and Supplying CP Brass Cock Medium 15mm at Pwd Store a Armsdale Building including carriage of materials within all leads and lifts.	4.00 No.	Each	
25	Providing and Supplying CP Brass Wsate 32mm at Pwd Store a Armsdale Building including carriage of materials within all leads and lifts.	6.00 No.	Each	
26	Providing and Supplying PVC Cister Handle for PVC Cistern only at Pwd Store a Armsdale Building including carriage of materials within all leads and lifts.	10.00 No.	Each	
27	Providing and Supplying PVC Washer for CP Bib Cock at Pwd Store a Armsdale Building including carriage of materials within all leads and lifts.	100.00 No.	Each	
28	Providing and Supplying Wire Mesh Fly proof 144 Gauge at Pwd Store a Armsdale Building including carriage of materials within all leads and lifts.	60.00 Sft.	Per square feet	
29	Providing and Supplying CP Soap Dos Conceled Heavy at Pwd Store a Armsdale Building including carriage of materials within all leads and lifts.	6.00 No.	Each	
30	Providing and Supplying CP Towel Rod with Bracket size 600x20mm at Pwd Store a Armsdale Building including carriage of materials within all leads and lifts.	3.00 No.	Each	
31	Providing and Supplying PVC Low level flushing cistern complete with all internal fittings at Pwd Store a Armsdale Building including carriage of materials within all leads and lifts.	3.00 No.	Each	
32	Providing and Supplying PVC Pipe Finolex / Victos 110mmx10 feet long with Collar at Pwd Store a Armsdale Building including carriage of materials within all leads and lifts.	8.00 No.	Each	
33	Providing and Supplying CP Wash basin Mixer Complete heavy duty Size 15mm Pwd Store a Armsdale Building including carriage of materials within all leads and lifts.	3.00 No.	Each	
34	Providing and Supplying CP Mortic latch Lock with pair of handle complete fir door six levers Plaza OR Equilent Pwd Store a Armsdale Building including carriage of materials within all leads and lifts.	4.00 No.	Each	

Providing and Supplying MS Curtian Rod Size 25mm x12Feet long powder Coated Heavy duty Armsdale Building including carriage of materials within all leads and lifts.

35	Providing and Supplying duty Armsdale Building	MS Curtian Rod Size 25mm x12Feet long powder Coated Heavy including carriage of materials within all leads and lifts.	6.00	No.		Each	
	Conditions:-						
	<i>† Rates should be quoted for all heights including all leads and lifts for internal and external works.</i> <i>if Useful materials will be handed over to the</i>						
							Total

Conditions:-

- i Rates should be quoted for all heights including all leads and lifts for internal and external works.
- ii Useful materials will be handed over to the Assistant Engineer, Medical Collage Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be charged
- iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards

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

SCHEDULE OF QUANTITY

Estimated cost:- 164493.00
 Earnest Money:- 3300.00
 Time :- One Month

Name of work:- AIR & M/O Non Residential Building under Shimla Division No.III (SH:-Painting & distempering in Aditya, Parshu (Billard room) Corridor with Darbar hall and Van Shobha :
 Raj Bhawan Shimla)

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade One or more coats on old work on wood complete including carriage of materials within all leads and lifts.	1031.93	Sqm		Per Square Metre	
2	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade One or more coats on old work complete including carriage of materials within all leads and lifts.	452.95	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 within all leads and lifts	452.95	Sqm		Per Square Metre	
4	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 within all leads and lifts	968.92	Sqm		Per Square Metre	
5	Providing and fixing Bamboo double scaffolding system on the exterior side, up to seven story height made with 100 mm dia Bamboo 1.5 m centre to centre, horizontal & vertical joining with rope in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding.	425.30	Sqm		Per Square Metre	
CONDITION:-						
Total:-						

- i) Rates should be quoted for all heights including all leads and lifts for internal and external works.
 ii) Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of Indian standards

Executive Engineer
 Shimla Division NO.III
 HP PWD Shimla-171003

SCHEDULE OF QUANTITY

Name of work:-S/R to various Non Residential buildings under division no III Shimla (SH:- Renovation of Gents toilets of 4th floor in main building of H.P High Court, Shimla)

Estimated Cost Rs. :- 384452.00
Earnest Money Rs. :- 7690.00
Time:- One Month.

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge:- For thickness of tiles 10 mm to 25 mm.	67.40 Sqm			Per square metre	
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:4:8 or leaner mix (l/c equivalent design mix)	5.46 Cum			Per cubic metre	
3	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead : 100 mm dia pipe	9.80 Rmt.			Per running metre.	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40mm nominal size)	5.51 Cum			Per cubic metre	
5	Dubbing out an old irregular walls average 10mm thick with Cement mortar 1:6 (1 Cement : 6 Sand) including carriage of materials in all leads and lifts.	52.15 Sqm			Per square metre	
6	Providing and laying Double charged digital vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc. complete Size of Tile 600mm X 600mm x 10mm	15.27 Sqm			Per square metre.	
7	Providing and laying Double charged digital Vitrified wall tiles in different sizes (thickness to be specified by manufacturer) with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete Size of Tile 600mm x600mm. x10mm.	45.05 Sqm.			Per Square metre	
8	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size).	0.186 Cum			Per cubic metre	
9	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size).	0.550 Cum			Per cubic metre	

10	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : Cement mortar 1:4 (1 cement : 4 coarse sand)	0.82	Sqm.			Per Square metre
11	Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform.	2.90	Sqm.			Per Square metre
12	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Mild steel and Medium Tensile steel bars.	22.32	kg			per kilogramme
13	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge, complete including carriage of materials within all leads and lifts. Polished Granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent	7.93	Sqm.			Per Square metre
14	Extra for pre finished nosing to treads of steps of Polished Granite stone complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	13.25	Rmt.			Per running metre.
15	Providing and fixing high pressure PVC Finolex Type B spigot and socket, waste and ventilating pipes ISI marked including fitting with approved adhesive etc. complete including carriage of materials within all leads and lifts.-75mm dia.	1.50	Rmt.			Per running metre.
(ii)	110mm	13.25	Rmt.			Per running metre.
16	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.-110mm dia.	7.00	No.			Each
(ii)	Providing and fixing PVC double equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.-110mm dia.	2.00	No.			Each
(iii)	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.-110mm dia	9.00	No.			Each
(iv)	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 within all leads and lifts.-110mm dia.	2.00	No.			Each
(v)	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.-110mm dia.	12.00	No.			Each
(vi)	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.-75mm dia.	1.00	No.			Each
(vii)	Providing and fixing PVC Finolex reducer 3"x4" ISI marked including jointing the trap with the pan and PVC pipe with approved adhesive etc complete including carriage of materials within all leads and lifts.	1.00	No.			Each

17	Providing and fixing 110mm dia PVC Finolex 'P' or 'S' trap for water closet (squatting pan) ISI marked including jointing the trap with the pan and PVC pipe with approved adhesive etc. complete including carriage of materials within all leads and lifts.	9.00 No.		Each
18	Providing and fixing Hindware Cat No.60002 white vitreous china flat back half stall urinal of size 37.5x39x59cm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : Single half stall urinal with 5 litre P.V.C. automatic flushing cistern. complete including carriage of materials within all leads and lifts	4.00 No.		Each
19	Providing and fixing viking made cat No. 40905/40906A 100 mm circular type grating including carriage of materials within all leads and lifts.	8.00 No		Each
20	Providing and fixing viking made cat No. 5303 waste coupling including carriage of materials within all leads and lifts.	3.00 No		Each
21	Providing and fixing viking made cat No.5320 urinal spreader including carriage of materials within all leads and lifts.	4.00 No		Each
22	Providing and fixing viking made cat No.4921 waste pipe polyvinyl chloride(PVC) including carriage of materials within all leads and lifts.	7.00 No		Each
23	Providing and fixing 8 mm dia C.P./S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	1.00 No		Each
24	Providing and fixing Hindware made Element starwhite cat no. 92084 water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 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:	1.00 No		Each
25	Providing and fixing Bib cock with foam flow without wall flange of approved quality conforming to IS:8931 15 mm nominal bore. including carriage of materials within all leads and lifts.Ess-Trend Cat No.T-103	1.00 No.		Each
26	Providing and fixing C.P. brass angle stop cock 15mm (fifteen millimetre.) nominal bore including carriage of materials within all leads and lifts:- Ess make Cat No. T-112.	9.00 No.		Each
27	Providing and fixing C.P. brass Pillar cock 15mm (fifteen millimetre.) nominal bore including carriage of materials within all leads and lifts:- Ess make bath sense Cat No. MYPC-101	3.00 No.		Each
28	Providing and fixing health Faucet for water closet including carriage of materials within all leads and lifts:-Cat No. C-232 Y.	1.00 No		Each
29	Providing and fixing C.P. wall flange/ Cap 15mm nominal bore with fittings including carriage of materials within all leads and lifts.	10.00 No		Each
30	Providing and fixing Hindware make 56x45 cat no 10049 central hole wash basin mixture including connection fitting complete in all respect of make complete including carriage of materials within all leads and lifts:-	3.00 No		Each
31	Providing and fixing PVC connection viking make including carriage of materials within all leads and lifts:-Cat No.3018	8.00 No		Each
32	Providing and fixing vitreous china urinal divisional plate of size 75x16.5x36.5 cat No. HSIL Cat No.61005.including carriage of materials within all leads and lifts.	3.00 No		Each

33	Providing and fixing viking make 15mm nominal bore waste coupling for urinal including carriage of materials within all leads and lifts. Cat No. 6242	4.00 No			Each
34	Providing and fixing liquid soap Dispenser of viking make cat No. 1127 including carriage of materials within all leads and lifts	3.00 No.			Each
35	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting Chasing and making good the walls etc. 15mm nominal bore internal work.	22.22 Rmt.			Per running metre.
36	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (new work) including carriage of materials within all leads and lifts	3.00 No.			Each
37	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) including carriage of materials within all leads and lifts - (i) 15mm nominal bore.	1.00 No.			Each
38	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.	10.52 Cum			Per cubic metre
39	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade old work (one or more coats) including a coat of approved steel primer but excluding a coat of mordant solution	40.85 Sqm.			Per Square metre
40	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	28.60 Sqm.			Per Square metre
41	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.	28.60 Sqm.			Per Square metre
42	Grinding and rubbing old marble / granite stone complete including carriage of materials within all leads and lifts.	6.17 Sqm.			Per Square metre
43	Providing and fixing clamp for urinal pot viking made cat No. 6353 including carriage of materials within all leads and lifts.	4.00 No.			Each
44	Providing and fixing extension nipple 0.5"x1" viking made cat No. 22011 A including carriage of materials within all leads and lifts	20.00 No.			Each
Conditions:-					Total

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

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

SCHEDULE OF QUANTITY

Estimated cost:- 134370.00
Earnest Money:- 2700.00
Time :- One Month

Name of work:-A/R & M/O Various residential buildings under Shimla Division No. III (SH:- Supplying of various items for maintenance of day to day wok under Shimla Sub Division No. VII (Nabha section))

Sl. NO.	Description	Qty.	Rate		Unit	Amount.
			In Figures.	In Words		
1	Providing & Supplying G.I. Elbow 15mm dia of specified quality including carriage of materials in all leads and lifts.	106.00 No.			Each	
2	Providing & Supplying G.I. Socket 15mm dia of specified quality including carriage of materials in all leads and lifts.	106.00 No.			Each	
3	Providing & Supplying G.I. Union 15mm dia of specified quality including carriage of materials in all leads and lifts.	37.00 No.			Each	
4	Providing & Supplying G.I Tee 15x15mm dia of specified quality including carriage of materials in all leads and lifts.	35.00 No.			Each	
5	Providing & Supplying G.I hexa nipple 15mm dia of specified quality including carriage of materials in all leads and lifts.	6.00 No.			Each	
6	Providing & Supplying G.I. nipple 15x50mm dia specified quality including carriage of materials in all leads and lifts.	49.00 No.			Each	
7	Providing & Supplying G.I. nipple 15x75mm dia of specified quality including carriage of materials in all leads and lifts.	28.00 No.			Each	
8	Providing & Supplying G.I. nipple 15x100mm dia specified quality including carriage of materials in all leads and lifts.	38.00 No.			Each	
9	Providing & Supplying G.I. nipple 15x150mm dia of specified quality including carriage of materials in all leads and lifts.	38.00 No.			Each	
10	Providing & Supplying G.I tank nipple 15mm dia specified quality including carriage of materials in all leads and lifts.	25.00 No.			Each	
11	Providing & Supplying G.I. reducer elbow15x20mm dia of specified quality including carriage of materials in all leads and lifts.	4.00 No.			Each	
12	Providing & Supplying PTMT float ball valve 15mm specified quality including carriage of materials in all leads and lifts.	13.00 No.			Each	
13	Providing & Supplying Brass bib Cock 15mm dia of specified quality including carriage of materials in all leads and lifts.	11.00 No.			Each	
14	Providing & Supplying CP bib Cock 15mm dia specified quality including carriage of materials in all leads and lifts.	3.00 No.			Each	
15	Providing & Supplying CP angle valve 15mm dia of specified quality including carriage of materials in all leads and lifts.	4.00 No.			Each	
16	Providing & Supplying brass spindle 15mm dia specified quality including carriage of materials in all leads and lifts.	20.00 No.			Each	
17	Providing & Supplying CP pillar cock 15mm dia of specified quality including carriage of materials in all leads and lifts.	2.00 No.			Each	
18	Providing & Supplying PVC waste pipe 32mm dia of specified quality including carriage of materials in all leads and lifts.	7.00 No.			Each	
19	Providing & Supplying PVC connection pipe 15x450mm of of specified quality including carriage of materials in all leads and lifts.	15.00 No.			Each	
20	Providing & Supplying brass gate valve 15mm of specified quality including carriage of materials in all leads and lifts.	18.00 No.			Each	
21	Providing & Supplying CP grating 100mm of specified quality including carriage of materials in all leads and lifts.	2.00 No.			Each	
22	Providing & Supplying CP waste pipe 32x100mm of specified quality including carriage of materials in all leads and lifts.	2.00 No.			Each	
23	Providing & Supplying G.I elbow 20mm of specified quality including carriage of materials in all leads and lifts.	19.00 No.			Each	

24	Providing & Supplying G.I. socket 20mm of specified quality including carriage of materials in all leads and lifts.	7.00 No.	Each
25	Providing & Supplying G.I. Union 20mm of specified quality including carriage of materials in all leads and lifts.	2.00 No.	Each
26	Providing & Supplying G.I. Tee 20mm of specified quality including carriage of materials in all leads and lifts.	6.00 No.	Each
27	Providing & Supplying G.I. reducer 20x25mm of specified quality including carriage of materials in all leads and lifts.	2.00 No.	Each
29	Providing & Supplying Hexa blade double edge of specified quality including carriage of materials in all leads and lifts.	17.00 No.	Each
30	Providing & Supplying Sut gola of specified quality including carriage of materials in all leads and lifts.	30.00 No.	Each
31	Providing & Supplying PVC Cistern ball cock of specified quality including carriage of materials in all leads and lifts.	3.00 No.	Each
32	Providing & Supplying PVC solid seat & cover for European type W.C. of specified quality including carriage of materials in all leads and lifts.	3.00 No.	Each
33	Providing & Supplying CP Jet of specified quality including carriage of materials in all leads and lifts.	3.00 No.	Each
34	Providing & Supplying PVC floor trap of specified quality including carriage of materials in all leads and lifts.	2.00 No.	Each
35	Providing & Supplying PVC Finolex pipe 75mm of specified quality including carriage of materials in all leads and lifts.	6.00 Rmt	Per running metre
36	Providing & Supplying PVC Finolex plain bend 75mm of specified quality including carriage of materials in all leads and lifts.	6.00 No.	Each
37	Providing & Supplying PVC Finolex Coller 75mm of specified quality including carriage of materials in all leads and lifts.	1.00 No.	Each
38	Providing & Supplying PVC low level flushing Cistern complete 10 ltrs. Capacity of specified quality including carriage of materials in all leads and lifts.	1.00 No.	Each
39	Providing & Supplying PVC Finolex pipe 110mm dia of specified quality including carriage of materials in all leads and lifts.	0.90 Rmt	Per running metre
40	Providing & Supplying PVC Finolex Coller 110mm dia of specified quality including carriage of materials in all leads and lifts.	1.00 No.	Each
41	Providing & Supplying PVC Finolex plain bend 110mm dia of specified quality including carriage of materials in all leads and lifts.	3.00 No.	Each
42	Providing & Supplying Rawal plug 35mm of specified quality including carriage of materials in all leads and lifts.	2.00 Pkt.	Per packet
43	Providing & Supplying Nylon washer/PVC washers of specified quality including carriage of materials in all leads and lifts.	2.00 Pkt.	Per packet
44	Providing & Supplying Iron nails of specified quality including carriage of materials in all leads and lifts.	8.00 Kgs.	Per Kilogramme
45	Providing & Supplying Aluminium tower bolt 100x10mm of specified quality including carriage of materials in all leads and lifts.	2.00 No.	Each
ii)	150x10mm.	7.00 No.	Each
iii)	200x10mm.	7.00 No.	Each
46	Providing & Supplying Door spring of specified quality including carriage of materials in all leads and lifts.	2.00 No.	Each
47	Providing & Supplying Sliding door bolts 200x10mm of specified quality including carriage of materials in all leads and lifts.	2.00 No.	Each
48	Providing & Supplying SS Screws of specified quality including carriage of materials in all leads and lifts.	2.00 No.	Each
49	Providing & Supplying 4mm thick glass panes of specified quality including carriage of materials in all leads and lifts.	4.00 Pkt.	Per packet
50	Providing & Supplying Glazing putty of specified quality including carriage of materials in all leads and lifts.	60.00 Sft.	Per Square feet
51	Providing & Supplying galvanised M.S. wire gauge of I.S. gauge designation 85G of specified quality including carriage of materials in all leads and lifts.	10.00 Kgs.	Per Kilogramme
		4.50 Sft.	Per Square feet

52	Providing & Supplying white cement of specified quality including carriage of materials in all leads and lifts.	15.00 Kgs.	Per Kilogramme.
53	Providing & Supplying Takora 6mm of specified quality including carriage of materials in all leads and lifts.	5.00 No.	Each
54	Providing & Supplying PVC water storage tanks 1000 ltrs. Capacity of specified quality including carriage of materials in all leads and lifts.	3.00 No.	Each
55	Providing & Supplying PVC water storage tanks 750 ltrs. Capacity of specified quality including carriage of materials in all leads and lifts.	1.00 No.	Each
56	Providing & Supplying PVC water storage tanks 500 ltrs. Capacity of specified quality including carriage of materials in all leads and lifts.	1.00 No.	Each
57	Providing & Supplying M S hasps & atipples of specified quality including carriage of materials in all leads and lifts.	4.00 No.	Each
58	Providing & Supplying Hydraulic door closer of specified quality including carriage of materials in all leads and lifts.	1.00 No.	Each
59	Providing & Supplying of PVC long bend 32mm dia of specified quality including carriage of materials in all leads and lifts.	1.00 No.	Each
60	Providing & Supplying of PVC finolex pipes 150mm of specified quality including carriage of materials in all leads and lifts.	15.60 Rmt	Per running metre
61	Providing & Supplying PVC finolex plain bend 150mm of specified quality including carriage of materials in all leads and lifts.	5.00 No.	Each
62	Providing & Supplying CP extension nipple 25mm of specified quality including carriage of materials in all leads and lifts.	5.00 No.	Each
63	Providing & Supplying aluminium oxidised handles 100mm of specified quality including carriage of materials in all leads and lifts.	10.00 No.	Each
CONDITION:-			Total:-

(i) Rates should be quoted for all leads and lifts

(ii) Sample of the materials to be supplied shall be got approved from Engineer-in-Charge. All materials should be Confirming to bureau of Indian standard.

Executive Engineer
Shimla Division NQ.111.
HP.PWD Shimla-171003

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 384452.00
 Earnest Money Rs. :- 7690.00
 Time:- One Month.
 Name of work:-S/R to various Non Residential buildings under division no III Shimla (SH:- Renovation of Gents toilets of 6th floor in main building of H.P High Court, Shimla)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge:- For thickness of tiles 10 mm to 25 mm.	67.40 Sqm			Per square metre	
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	5.46 Cum			Per cubic metre	
3	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead : 100 mm dia pipe	9.80 Rmt.			Per running metre.	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40mm nominal size)	5.51 Cum			Per cubic metre	
5	Dubbing out an old irregular walls average 10mm thick with Cement mortar 1:6 (1 Cement : 6 Sand) including carriage of materials in all leads and lifts.	52.15 Sqm			Per square metre	
6	Providing and laying Double charged digital vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete Size of Tile 600mm X 600mm x10mm	15.27 Sqm			Per square metre.	
7	Providing and laying Double charged digital Vitrified wall tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete Size of Tile 600mm x600mm. x10mm.	45.05 Sqm.			Per Square metre	
8	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size).	0.186 Cum			Per cubic metre	
9	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size).	0.550 Cum			Per cubic metre	

10	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : Cement mortar 1:4 (1 cement : 4 coarse sand)	0.82	Sqm.	Per Square metre
11	Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform.	2.90	Sqm.	Per Square metre
12	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Mild steel and Medium Tensile steel bars.	22.32	kg	per kilogramme
13	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge complete including carriage of materials within all leads and lifts Polished Granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent	7.93	Sqm.	Per Square metre
14	Extra for pre finished nosing to treads of steps of Polished Granite stone complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	13.25	Rmt.	Per running metre.
15	Providing and fixing high pressure PVC Finolex Type B spigot and socket, waste and ventilating pipes ISI marked including fitting with approved adhesive etc. complete including carriage of materials within all leads and lifts:-75mm dia.	1.50	Rmt.	Per running metre.
(ii)	110mm	13.25	Rmt.	Per running metre.
16	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm dia.	7.00	No.	Each
(ii)	Providing and fixing PVC double equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- 110mm dia.	2.00	No.	Each
(iii)	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- 110mm dia.	9.00	No.	Each
(iv)	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 within all leads and lifts:- 110mm dia.	2.00	No.	Each
(v)	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- 110mm dia.	12.00	No.	Each
(vi)	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- 75mm dia.	1.00	No.	Each

	with the pan and PVC pipe with approved adhesive etc complete including carriage of materials within all leads and lifts.								
17	Providing and fixing 110mm dia PVC Finolex 'P' or 'S' trap for water closet (squatting pan) ISI marked including joining the trap with the pan and PVC pipe with approved adhesive etc complete including carriage of materials within all leads and lifts.	9.00 No.					Each		
18	Providing and fixing Hindware Cat No.60002 white vitreous china flat back half stall urinal of size 37.5x39x59cm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : Single half stall urinal with 5 litre P.V.C. automatic flushing cistern, complete including carriage of materials within all leads and lifts	4.00 No.					Each		
19	Providing and fixing viking made cat No. 40905/40906A 100 mm circular type grating including carriage of materials within all leads and lifts.	8.00 No.					Each		
20	Providing and fixing viking made cat No. 5303 waste coupling including carriage of materials within all leads and lifts.	3.00 No.					Each		
21	Providing and fixing viking made cat No.6320 urinal spreader including carriage of materials within all leads and lifts.	4.00 No.					Each		
22	Providing and fixing viking made cat No.4921 waste pipe polyvinyl chloride(PVC) including carriage of materials within all leads and lifts.	7.00 No.					Each		
23	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	1.00 No.					Each		
24	Providing and fixing Hindware made Element starwhite cat no. 92084 water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 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.	1.00 No.					Each		
25	Providing and fixing Bib cock with foam flow without wall flange of approved quality conforming to IS:8931 15 mm nominal bore. including carriage of materials within all leads and lifts.Ess-Ess Trend Cat No.T-103	1.00 No.					Each		
26	Providing and fixing C.P. brass angle stop cock 15mm (fifteen millimetre.) nominal bore including carriage of materials within all leads and lifts:- Ess Ess make Cat No. T-112.	9.00 No.					Each		
27	Providing and fixing C.P. brass Pillar cock 15mm (fifteen millimetre.) nominal bore including carriage of materials within all leads and lifts:- Ess Ess make bath sense Cat No. MYPC-101	3.00 No.					Each		
28	Providing and fixing health Faucet for water closet including carriage of materials within all leads and lifts:-Cat No. C-232 Y.	1.00 No.					Each		
29	Providing and fixing C.P. wall flange/ Cap 15mm nominal bore with fittings including carriage of materials within all leads and lifts.	10.00 No.					Each		
30	Providing and fixing Hindware make 56x45 cat no 10049 central hole wash basin mixture including connection fitting complete in all respect of make complete including carriage of materials within all leads and lifts:-	3.00 No.					Each		

31	Providing and fixing PVC connection viking make including carriage of materials within all leads and lifts: -Cat No.3018	8.00 No	Each
32	Providing and fixing vitreous china urinal divisional plate of size 75x16.5x36.5 cat No. HSIL Cat No.61005 including carriage of materials within all leads and lifts.	3.00 No	Each
33	Providing and fixing viking make 15mm nominal bore waste coupling for urinal including carriage of materials within all leads and lifts. Cat No. 6242	4.00 No	Each
34	Providing and fixing liquid soap Dispenser of viking make cat No. 1127 including carriage of materials within all leads and lifts	3.00 No.	Each
35	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting Chasing and making good the walls etc. 15mm nominal bore internal work.	22.22 Rmt.	Per running metre.
36	Providing and fixing G.I. Union in G.I pipe including cutting and threading the pipe and making long screws etc. complete (new work) including carriage of materials within all leads and lifts	3.00 No.	Each
37	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) including carriage of materials within all leads and lifts: - (i) 15mm nominal bore.	1.00 No.	Each
38	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.	10.52 Cum	Per cubic metre
39	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: old work (one or more coats) including a coat of approved steel primer but excluding a coat of mordant solution	40.85 Sqm.	Per Square metre
40	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	28.60 Sqm.	Per Square metre
41	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.	28.60 Sqm.	Per Square metre
42	Grinding and rubbing old marble / granite stone complete including carriage of materials within all leads and lifts.	6.17 Sqm.	Per Square metre
43	Providing and fixing clamp for urinal pot viking made cat No. 6353 including carriage of materials within all leads and lifts.	4.00 No.	Each
44	Providing and fixing extension nipple 0.5"x1" viking made cat No. 22011 A including carriage of materials within all leads and lifts	20.00 No.	Each
Conditions:-			Total

i) Rates should be quoted for all heights including all leads and lifts for internal and external works.
ii) Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should conform to Bureau of Indian standards.

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

SCHEDULE OF QUANTITY

Name of work:- -S/R to various residential buildings under division no. III Shimla. (SH:- Renovation of set No.201 and 202 first floor, repair of cupboards, Tile work, Marble work,Painting and distempering work etc. At Barnes Court Shimla.)

Estimated Cost:-Rs.340534/- only

Earnest Money : Rs 6900/-Only

Time - One Month

S.No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			In figure	In words		
1	2	3				67
1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead complete including carriage of materials within all leads and lifts For thickness of tiles 10 mm to 25 mm	78.37	Sqm.		Per square metre.	
2	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	65.51	Sqm.		Per square metre.	
3	Providing and fixing 18 mm thick gang saw cut, mirror polished, pre-moulded and pre-polished machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble. Area of slab over 0.50 sqm	5.52	Sqm.		Per square metre.	
4	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws including carriage of materials within all leads and lifts. 30 mm thick shutters with ISI marked M.S. pressed butt hinges bright finished of required size Second class deodar wood.	0.95	Sqm.		Per square metre.	
5	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. (Note:- Butt hinges and necessary screws shall be paid separately) Deodar wood 35 mm thick shutters	0.45	Sqm.		Per square metre.	
6	Providing and fixing 6mm thick ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately including complete including carriage of material in all leads and lifts	2.94	Sqm.		Per square metre.	
7	Providing and fixing 19mm thick Commercial Board shutters for cup boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts.	20.13	Sqm.		Per square metre.	
8	Providing and fixing 19 mm thick commercial board water proof in shelves, lining, box for cup boards with butt joints fixed with nails and screws etc complete including carriage of material in all leads and lifts	28.32	Sqm.		Per square metre.	
9	Providing and fixing 1.0 mm thick coloured or plain laminated sheet (summica) on boards / ply 24.32 wood sheets with approved adhesive and nails complete including carriage of material in all leads and lifts.	24.32	Sqm.		Per square metre.	

10	Providing and fixing square edged cover filelets (beading) 19 x 6 mm section including mitring at junction with wooden screws / nails etc complete of hard wood including carriage of material in all leads and lifts.	184.24	Rmt.				Per running metre.
11	Providing and fixing bright finished brass handles with screws etc. complete including carriage of material in all leads and lifts. 100 mm	60.00	No				Each
12	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete. including carriage of material in all leads and lifts.	30.00	No				Each
13	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 : 150x10 mm	6.00	No				Each
14	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 : 125mm.	3.00	No				Each
15	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete. 300x300mm.	6.00	Sqm.				Per square meter
16	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete Size of Tile 600mm X 600mm.	21.89	Sqm				Per square metre.
17	Providing and fixing 1st quality ceramic glazed floor tiles 8mm thk conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete. size 300x450mm	65.51	Sqm				Per square metre.
18	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand) including carriage of materials within all leads and lifts.	65.51	Sqm				Per square metre.
19	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	80.96	Sqm				Per square metre.
20	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.	132.97	Sqm				Per square metre.

21	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour one or more coats.	202.39	Sqm		Per square metre.
22	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	54.81	Sqm		Per square metre.
23	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coats applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	54.81	Sqm		Per square metre.
24	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade. One or more coats on old work	118.52	Sqm.		Per square metre.
25	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand 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: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	2.00	No		Each
26	Providing and fixing wash basin with C.I. brackets, 15mm PTMT pillar cock, 32mm PTMT waste coupling of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required. White Vitreous China Flat back wash basin size 630x450 mm with single 15 mm PTMT pillar cock.	2.00	No		Each
27	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :610x510 mm bowl depth 200mm.	2.00	No		Each
28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Semi rigid pipe 32 mm dia. including carriage of materials within all leads and lifts.	4.00	No		Each
29	Providing and fixing 100 mm dia chromium plated grating of superior quality for floor, gully or nahani trap including carriage of materials within all leads and lifts	8.00	No		Each
30	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	2.00	No		Each
31	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete, including carriage of materials within all leads and lifts	2.00	No		Each
32	Providing and fixing CP brass soap Dish including carriage of material in all leads and lifts.	2.00	No		Each
33	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work - including carriage of material in all leads and lifts.	22.20	Rmtr		Per running metre.
34	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour:-15mm nominal bore with 45cm length.	8.00	No		Each
35	Providing and fixing C.P. brass bib cock long nose of approved quality conforming to IS:8931 : 15 mm nominal bore, including carriage of materials within all leads and lifts. Make Seiko or equivalents.	8.00	No.		Each

36	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS 8931 15 mm nominal bore. including carriage of materials within all leads and lifts. Make Sanko or equivalents.	8.00	No.		Each
37	Providing and fixing P.T.M.T. extension nipple for water tank pipe, fittings of approved quality and colour. 20mm nominal bore, weighing not less than 40gms.	16.00	No.		Each
38	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 within all leads and lifts :- 110 mm X 75 mm.	8.00	No.		Each
39	Providing and fixing high pressure PVC Finolex Type B spigot and socket, waste and ventilating pipes ISI marked including fitting with approved adhesive etc. complete including carriage of materials within all leads and lifts :- 110mm dia.	8.40	Rmtr		Per running metre.
40	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10mm gap for thermal expansion :- Collar 110mm	12.00	No.		Each
(ii)	PVC Plain bend 110 mm bend	6.00	No.		Each
(iii)	PVC Plain Tee 110 mm bend	4.00	No.		Each
41	Disposal of surplus excavated earth by Mechanical with in all leads on approved dumping site of M.C. Shimla or otherwise including payment of prescribed charges of dumping to the owner of dumping site through all mode of transportation including head load animal load or mechanical means alongwith its leveling and to complete the work of mechanized means and labour (if any required) The dumping site to be arranged by the contractor entirely at his own risk and cost. All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the course of disposal shall be the absolute responsibility of the contractor which shall have to be dully compensated by him in all respect as per direction of Engineer-in-Charge.	3.27	Cum		Per Cum metre
Conditions:-					Total

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Useful materials will be handed over to the Assistant Engineer, Sub Division No.V. HPPWD, Raj Bhawan Shimla-2 otherwise credit for useful materials will be charged.

iii Sample of all Materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

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

SCHEDULE OF QUANTITY

Name of work: - A/R & to Residential Building under Shimla Division No.III (SH):- Hiring of Excavator Cum Loader for removal of Debris/Snow on Various Roads under Medical Sub Division IGMC, Shimla)

Estimated Cost: -Rs.128700/- only
Earnest Money : Rs.800/-Only
Time - One Month

S No	Sub head and items of work	Qty.	Rate		Unit	Amount
			In figure	In words		
1	2	3	4	5	6	7
1	Hiring of Excavator-cum-Loader for removal of Snow, Debris with Minimum Capacity of 45.00 Cum. Per Hour. Minimum Six hours Per day including pay of Operator, P.O.L. Charges, Maintenance of any minor or major accidents and other damages to private and Govt. property occur during working hour is the whole responsibility of contractor. The work shall be executed as per the direction of Engineer-in-Charge.	130.00	Hours		Per Hour	
	Conditions:-				Total	0.00

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Useful materials will be handed over to the Assistant Engineer, Medical Collage Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be charged.

iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.


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

SCHEDULE OF QUANTITY

Name of work: - A/R M/O to Road From Navbahar to Holly Lodge Km. 0/00 to 2/670(SH:- C/O B/Wall at RD. 2/05 to 2/015)

Estimated Cost: -Rs.271831/- only
Earnest Money : Rs. 5500/-Only

S.No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			In figure	In words		
1	2	3				67
1	Earth work in excavation by mechanical means(Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. (i) All kinds of soil	21.25 cum.			Per Cubic Metre	
2	Banking excavated earth in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller, or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks, marginal banks, and guide banks etc., lead upto 50 m and lift upto 1.5(i) All kind of Soil	7.70 Cum			Per Cubic Metre	
3	Centering and shuttering including strutting, propping etc. and removal of form work for (i) Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	25.00 Sqm			Per Square Metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (a) 1:5:10 (1 cement : 5 coarse sand): 10 graded stone aggregate 40 mm nominal size)	1.65 Cum.			Per Cubic Metre	
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (i) 1:3:6 (1 Cement : 3 coarse sand): 6 graded stone aggregate 20 mm nominal size)	25.93 Cum.			Per Cubic Metre	
6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.(i) Mild steel and Medium Tensile steel bars	1034.00 Per Kg.			Per Kilogramme	
7	Providing and laying weapholes in brick masonry /stone masonry /plain reinforced concrete abutment, wing wall return wall with 100mm (one hundred)millimetredia PVC pipe extending through the full with of the structures with slop of 1(v):20 (H) towards drawing face complete as per drawings and technical specifications MORD clause 614,,709,1204 3.7 including hauling of materials in all leads and lifts as per the same satisfaction and direction of Engineer-In-Charge.	20.00 Rmt			Per running meter	

8	Disposal of excavated earth by Mechanical means on approved dumping site of M.C. Shimla or on arranged by the contractor, i.e. through all mode of transportation including head load animal load or mechanical means alongwith transportation of the unuseful material for disposing including payment of prescribed charges of dumping to the owner of dumping site through all modes of transportation including head load animal load or mechanical means alongwith its levelling, fine dressing and to complete the work by mechanized means and labour(if any required) All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the courses of execution shall be the absolute responsibility of the contractor which shall have to be fully compensated by him in all respect as per direction of Engineer-in-Charge.	28.95 cum.			Per Cubic Metre	
Conditions:-						Total
<i>i Rates should be quoted for all heights including all leads and lifts for internal and external works.</i> <i>ii Useful materials will be handed over to the Assistant Engineer, Sub Division No.V. HPPWD, Raj Bhawan Shimla-2 otherwise credit for useful materials will be charged.</i> <i>iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.</i>						


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

SCHEDULE OF QUANTITY

Estimated cost:- 205094.00
Earnest Money:- 4150.00
Time :- One Month

Name of work:- A/R & M/O Various residential buildings under Shimla Division No. III (SH:-Providing & fixing, flooring, lining, painting & distemper including sanitary fittings in set No. 1/12 Royal Hotel) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	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 1:1.5:3 (1 cement : 1.5 coarse sand) 3 graded stone aggregate 20 mm nominal size including carriage of materials within all leads and lifts.	0.18 Cum			Per Cubic meter	
2	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform including carriage of materials within all leads and lifts.	2.11 Sqm.			Per square meter	
3	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more including carriage of materials within all leads and lifts.	21.60 Kgs.			Per Kilogramme	
4	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in Cement mortar 1:4 (1 cement : 4 coarse sand) including carriage of materials within all leads and lifts.	0.40 Sqm.			Per square meter	
5	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble Area of slab over 0.50 sqm including carriage of materials in all leads and lifts.	2.86 Sqm.			Per square metre.	
6	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge including carriage of materials in all leads and lifts.	3.70 Rmt.			Per running metre	
7	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm. including pointing in white cement, mixed with pigment of matching shade complete including carriage of materials within all leads and lifts.	14.20 Sqm			Per square meter	
8	Providing wood work in frames of false ceiling, partition etc. sawn and putup in position including carriage of materials within all leads and lifts. Second class chitrail wood.	0.033 Cum			Per cubic metre	
9	Providing and fixing 12mm thick water proof shuttering ply of standard quality (SI) mark and approved shade and colour in panelling/flooring/cup-board and wall lining including mitring at junctions, butt measured and paid for separately) complete including carriage of material within all leads and lifts.	37.60 Sqm			Per square meter	
10	15 mm thick pvc/rubber tiles flooring (L.G. Make or equivalent) plain, coloured, corbel or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment (to be measured separately) for payment including carriage of materials within all leads and lifts.	37.60 Sqm			Per square meter	
11	Providing and fixing 6 mm thick ply wood ceiling/lining with butt jointing and nails (frame work and cove filets to be measured and paid for separately) including carriage of materials within all leads and lifts.	9.11 Sqm.			Per Square metre	
12	Providing and fixing 19mm thick Commercial Board shutters for cup boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts.	8.82 Sqm			Per square metre	
13	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete) including carriage of materials within all leads and lifts.	17.34 Sqm.			Per square metre	
14	Providing and fixing 100mm 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.	12.13 Sqm.			Per square metre.	
15	Providing and fixing hard wood square edges cover filets (beading) 19mmx5mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	30.01 Rmt			Per running metre	
16	Providing and fixing aluminium handles. (SI) 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 75 mm including carriage of materials within all leads and lifts.	21.00 No			Each	
17	Providing and fixing magnetic catcher of approved quality in cupboardward robe shutters, including fixing with necessary screws etc. complete Triple strip vertical type including carriage of materials within all leads and lifts.	21.00 No			Each	

18	Providing and laying vitrified floor tiles 600x600mm in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials within all leads and lifts.	4.06 Sqm	Per square meter
19	15 mm cement plaster on the rough side of single or half brick wall of mix 1:1.6 (1 cement: 6 fine sand) including carriage of materials within all leads and lifts.	10.63 Sqm	Per square meter
20	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 and as per the direction of the Engineer-in-Charge.	52.61 Sqm	Per square meter
21	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coats applied @ 0.90 ltr/10 sqm of approved brand and manufacturer including carriage of materials within all leads and lifts.	52.61 Sqm	Per square meter
22	Distemping with dry distemper of approved brand and manufacturer (one or more coats) and of required shade on old work to give an even shade including carriage of materials within all leads and lifts.	169.29 Sqm	Per square meter
23	Painting with synthetic enamel paint of approved brand and manufacturer of required colour to give an even shade One or more coats on old work including carriage of materials in all leads and lifts.	100.65 Sqm	Per square metre
24	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid including carriage of materials within all leads and lifts.	1.00 No.	Each
25	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required 610x460 mm bowl depth 200 mm including carriage of materials within all leads and lifts.	1.00 No.	Each
26	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge including carriage of materials in all	1.00 No.	Each
27	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete-32 mm dia including carriage of materials within all leads and lifts.	1.00 No.	Each
28	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, l/c fixing the pipe with clamps at 1.00 m spacing This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge Internal work 25 mm nominal outer dia Pipes including carriage of materials in all leads and lifts.	9.80 Rmt	Per running metre
29	Providing and fixing 15mm nominal bore 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.	7.00 No.	Each
30	Providing and fixing C.P. brass bib cock of approved quality conforming to IS 8931 15 mm nominal bore including carriage of materials within all leads and lifts.	5.00 No.	Each
CONDITION:-			Total:-

i) Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii) Paint, emulsion, distemper etc. should be of 1st class quality and it should also be got approved from Engineer-in-charge before use.

iii) Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of Indian standards

Executive Engineer
Shimla Division NO. 11
HP.PWD Shimla-171003

SCHEDULE OF QUANTITY

Name of work: - A/R M/O to Road From Navbahar to Holly Lodge Km. 0/00 to 2/670(SH:- Repair of P.C.C Drain at RD. 0/450 to 1/300)

Estimated Cost: -Rs.359377/- only
Earnest Money : Rs.7200/-only
Time - One Month

S.No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			In figure	In words		
1	2	3			67	
1	Banking excavated earth in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller, or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up, in embankments for roads, flood banks, marginal banks, and guide banks etc., lead upto 50 m and lift upto 1.5(i) All kind of Soil	56.23	Cum		Per Cubic Metre	
2	Centering and shuttering including strutting, propping etc. and removal of form work for : (i) Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	125.00	Sqm		Per Cubic Metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (i) 1:3:6 (1 Cement : 3 coarse sand): 6 graded stone aggregate 20 mm nominal size)	54.83	Cum		Per Cubic Metre	
4	Backfilling behind abutment wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 including carriage of materials in all leads and lifts.	25.30	Cum		Per Cubic Metre	
	Conditions:-				Total	

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Useful materials will be handed over to the Assistant Engineer, Sub Division No.V. HPPWD, Raj Bhawan Shimla-2 otherwise credit for useful materials will be charged.

iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

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