

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No. SD-III-CB-Tender/2022-23-
To

8676

Dated:- 24/6/22

*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, HP.PWD. Shimla-3 on behalf of the Governor of H.P. for the following works from the eligible Contractors/Firms enlisted in HP.PWD, so as to reach in his office on or before 02-07-2022 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 01-07-2022 and the application for issue of tender form shall be received up to 4.00 P.M. on 01-07-2022.

The earnest money in the shape of National saving Certificate/Time deposit account/saving account in any of the post office in HP, 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	Special repair to various residential Building under Shimla Division No.III (SH:- Providing and fixing MS. railing, MS. Welded mesh fencing C.C. edge wall and chequered tile flooring on Lawn in front of Set No.-2 first floor at Yates Place near Raj Bhawan Shimla).	Rs.3,45,362/-	Rs.6910/-	One Month	6&8	350/-
2	S/R to various residential buildings under Division No.III Shimla (SH:-Providing and fixing chequered tiles in courtyard of block A Type-V at Richmond Shimla).	Rs.4,04,282/-	Rs.8090/-	One Month	6&8	350/-
3	Improvement of Road from Navbhar to Holly Lodge Road Km. 0/00 to 2/670 (SH:- C/O retaining wall at RD. 0/462 to 0/470.30).	Rs.4,18,382/-	Rs.8370/-	One Month	6&8	350/-
4	A/R & M/O to residential building under Shimla Division No.III Shimla(SH:-Finishing wall with Exterior paint (Apex) painting on wood, steel and wall surface etc. in New Block Type-II Qtrs. at Barnes Court Shimla-2).	Rs.1,53,070/-	Rs.3070/-	One Month	6&8	350/-
5	A/R & M/O various residential buildings under Division No.III Shimla (SH:- Providing concrete work, brick work in railing, polycarbonate sheet and miscellaneous repair work in set No.C-7 at Bemloe Shimla).	Rs.2,25,239/-	Rs.4500/-	One Month	6&8	350/-
6	A/R & M/O various residential buildings under Shimla Division No.III (SH:- Providing and fixing cupboards in set No. I-II/60,20/2TF & 37/8OH) at Nabha Estate Shimla).	Rs.1,69,912/-	Rs.3400/-	One Month	6&8	350/-
7	A/R & M/O to various residential building under Shimla Division No.III (SH:- Inside painting and distempering in Block No.44 Type-IV Quarters Set No. 830,831 & 832 at New Shimla).	Rs.91,366/-	Rs.1830/-	One Month	6&8	350/-
8	Special repair to various residential buildings under Shimla Division No.III (SH:- Construction of pedestal along with water storage tanks to block No. I-II & rain water pipes in block No.14 & 18) at Nabha Estate Shimla).	Rs.2,72,109/-	Rs.5450/-	One Month	6&8	350/-
9	A/R & M/O to Armsdale Building at HP Secretariat Shimla-2 (SH:-Balance work of renovation of room No. A322).	Rs.2,57,323/-	Rs.5150/-	One Month	6&8	350/-
10	A/R & M/O to various residential building under Shimla Division No.III (SH:- Providing and laying tiles, cupboards, distempering & painting etc. in 1 st floor Type-I Set No.6 at Victoria Place Nigam Vihar Shimla).	Rs.1,31,893/-	Rs.2640/-	One Month	6&8	350/-
11	Special repair to Block No.B, Type-III at Barnes Court Raj Bhawan Shimla (SH:- C/O sunshade/chajja over windows).	Rs.3,95,196/-	Rs.7910/-	One Month	6&8	350/-
12	A/R & M/O various residential buildings under Division No.III Shimla (SH:- Covering of Porch of servant Qtrs. In set No. Type-VI set No.14 at Richmond Shimla).	Rs.2,00,836/-	Rs.4020/-	One Month	6&8	350/-
13	A/R & M/O to residential building under Shimla Division No.III Shimla (SH:-Providing and fixing preprinted steel sheet roofing in back side of set No. 1,2,3 at Back side of Open Area preprinted sheet roof set No.5, First floor M.S. railing, Sun sheet over window etc. in Type-I Set No.5, First floor Victoria Place at Nigam Vihar Shimla-2).	Rs.2,47,958/-	Rs.4960/-	One Month	6&8	350/-
14	Special repair to various residential buildings under Division No.III Shimla (SH:-Repair of front porch in set No. C-11 at Bemloe Shimla).	Rs.4,05,341/-	Rs.8100/-	One Month	6&8	350/-

15	Special repair to Gaiety Theatre The Mall Shimla (SH:-Repair of slate roofing, wood work & painting/polishing etc.).	Rs.4,91,991/-	Rs.9850/-	One Month	6&8	350/-
16	A/R & M/O to various residential building under Shimla Division No.III (SH:-Painting and distempering inside and outside, wood work and polishing etc. in Forest Lodge at Raj Bhawan Shimla).	Rs.2,97,272/-	Rs.5950/-	One Month	6&8	350/-
17	A/R & M/O various residential buildings under Shimla Division No.III (SH:-Providing and fixing pedestal for water storage tanks along with PVC water storage tanks to block No. 36M.F) at Nabha Estate Shimla).	Rs.2,73,099/-	Rs.5500/-	One Month	6&8	350/-
18	A/R & M/O Armsdale Building at HP.Secretariat Shimla-2 (SH:-Providing and laying tiles and painting/distempering etc. in GAD work shop).	Rs.1,96,272/-	Rs.3930/-	One Month	6&8	350/-
19	Special repair to various residential buildings under Shimla Division No.III (SH:- providing and fixing cupboards, wood work, ceiling, shutters, marble & painting etc. in block 1/5 Royal Hotel) at Nabha Estate Shimla).	Rs.84,452/-	Rs.1700/-	One Month	6&8	350/-
20	Special repair to Gaiety Theatre The Mall Shimla (SH:-Polishing with melamine polish over wooden floors of multipurpose hall, stage, back hall stage, Art gallery, photo gallery etc.).	Rs.3,95,974/-	Rs.7950/-	One Month	6&8	350/-
21	Special repair to Dental College Block-B at IGMC Shimla (SH:-Repair work and Apex in Block-B (External Side).	Rs.4,23,340/-	Rs.8470/-	One Month	6&8	350/-
22	Special repair to Ellerslie Main Building at HP Secretariat Shimla-2 (SH:-Balance work of providing and fixing cup boards, flooring etc. in proposed scanning room).	Rs.2,24,192/-	Rs.4490/-	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

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

Dated:- 24/6/22

NO.SD-III-CB-Tender/2022-23-

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,
HP.PWD.Shimla-3.

SCHEDULE OF QUANTITY

①

Estimated Cost Rs. :- 345362.00
Earnest Money Rs. :- 6910.00

Time:- One Month.

Name of work: -Special Repair to Various residential Building under Shimla Division No.III (SH:- Providing and Fixing MS. Railing , MS. Welded Marsh Fencing CC. Edge Wall and Chequered tile flooring on Lawn in front of Set No-2 First floor at Yates Place Near Raj Bhawan 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 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 a lead of 50 m.(i) All kinds of soil.	10.63 cum.			Per Cubic Metre	
2	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 a lead of 50 m.(i) Ordinary rock	5.55 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.	42.93 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 : (i) 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	18.24 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 : (a) 1:5:10 (1 cement : 5 coarse sand) : 10 graded stone aggregate 40 mm nominal size)	6.79 cum.			Per Cubic Metre	
6	Providing and laying stone soling properly hand-packed filling interstices with Kharaia stone including spreading watering etc. complete as per HP.PWD specification 150mm spread thickness (finished work including materials and labour) including carriage of materials within all leads and lifts.	10.19 cum.			Per Cubic Metre	
7	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 (i) In grillings, frames, guard bar, ladder, railings, brackets, gates and similar works	590.12 Kg			Per Kilogramme	
8	tee work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.	277.33 Kg			Per Kilogramme	
9	Providing and fixing M.S welded mesh 25mmx25mmx2mm thick as per approved design welding with electric plant complete including applying priming coat of red lead paint as per HP.PWD. Specification 1990 Volume-1 including carriage of materials up to all leads and lifts.	22.20 Sqm			Per Square Metre	
10	Chequered terrazo tiles 22 mm thick with graded marble chips of size up to 6 mm in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand) :	67.88 Sqm			Per Square Metre	

1	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat of approved brand and manufacture	46.60 Sqm	Per Square Metre
	Conditions:-		Total

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 conform to Bureau of Indian standards.

iv Recovery of useful bricks 181.00 recovered from site will be charged / deducted from contractor @ Rs. 4.00 Each.

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

SCHEDULE OF QUANTITY

2

Estimated Cost Rs. :- 404282.00
Earnest Money Rs. :- 8090.00
Time:- One Month.

Name of work:- S/R to various residential buildings under division no III Shimla. (SH:- Providing and fixing chequered tiles in courtyard of block A type V at Richmond 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 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 a lead of 50 m.	31.50	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 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	31.50	Cum			Per cubic metre	
3	Precast cement concrete chequered tiles 22 mm NTC make cement concrete tiles 22mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand). including carriage of materials within all leads and lifts.	210.00	Sqmtr			Per square metre.	
4	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.	31.50	Cum			Per cubic metre	

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

Useful materials will be handed over to the Assistant Engineer, Sub Division No II HPPWD, Shimla-4 otherwise credit for useful materials will be charged.

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.

[Signature]

SCHEDULE OF QUANTITY

(3)

Estimated Cost Rs. :- 418382.00

Earnest Money Rs. :- 8370.00


Time:- One Month.

Name of work: -Improvement of Road from Navbhar to Holly Lodge Road Km. 0/00 to 2/670(SH:-C/O Retaining wall at RD. 0/462 to 0/470.30)

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 1.5 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 a lead of 50 m. (i) All kinds of soil	62.73	cum.			Per Cubic Metre	
2	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 a lead of 50 m. Ordinary rock including carriage of materials within all leads and lifts.	13.36	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 : (a) 1:5:10 (1 cement : 5 coarse sand): 10 graded stone aggregate 40 mm nominal size)	2.86	Cum.			Per Cubic Metre	
4	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 filets, kerbs and steps etc.	84.60	Sqm			Per square meter	
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) 1:4:8 (1 cement : 4 coarse sand) : 8 graded stone aggregate 20 mm nominal size)	60.91	Cum			Per Cubic Metre	
6	Providing and laying weapholes in brick masonry /stone masonry /plain reinforced concrete abutment, wing wall return wall with 100mm (one hundred)milimetredia 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.	25.00	Rmt			Per Running Metre	
7	Backfilling behind abutment,wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-In-Charge (a) Granular material.	12.45	Cum			Per Cubic Metre	

Disposal of moorum/ building rubbish/ malba. Similar unserviceable , dismantled or waste material by mechanical transport including loading, Transporting, unloading to approved Monicipal dumping ground for lead upto 10km. For lalleafts, complete as per dierection of Engineer- in Charge. Note:-Item to be applicable in urban area having directions for restricted hours movement/ plying of load carring motor vehicle of 3.5 cum. or More.	76.09	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.
- iv Recovery of usefull bricks 181.00. recovered from site will be charged / deducted from contractor @ Rs. 4.00 Each.


Executive Engineer
Shimla Division No.III
HR. PWD. Shimla-3

SCHEDULE OF QUANTITY

(4)

Estimated Cost Rs. :- 153070.00

Earnest Money Rs. :- 3070.00

Time:- One Month.

Name of work: -A/R & M/O to residential Building under Shimla Division No.III Shimla(SH:-Finishing wall with Exterior Paint (Apex) Painting on Wood , Steel and Wall Surface Etc. In New Block Type- II Qtrs at Barnes Court Shimla-2)

Sl. No.	Items of work	Quantity		Rate		Unit.	Amount.
				In figures	In words		
1	Removing dry or oil bound distemper, water proofong 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.	410.02	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 including carriage of materials and as per the direction of the Engineer-in-Charge.	410.02	Sqm			Per Square Metre	
3	Finishing walls with Acrylic Smooth exterior paint of required shade :(i) New work (Two or more coat including carriage of materials within all leads and lifts	820.04	Sqm			Per Square Metre	
4	Painting with synthetic enamel paint on previously painted wood or steel surface of approved brand and manufacture of required colour to give an even shade one or more coats on old work including carriage of materials in all leads and lifts.	225.71	Sqm			Per Square Metre	
5	Providing temporary platform by way of scaffolding for all kind of works in halls/ rooms having exceptional heights with bamboo complete tied with rope on joints and platform of old CGI sheets etc. in all respect including carriage of materials within all leads and lifts as per direction of the Engineer - in - charge.	392.27	Sqm			Per Square 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.

iv Recovery of usefull bricks 181.00. recovered from site will be charged / deducted from contractor @ Rs. 4.00 Each.

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

SCHEDULE OF QUANTITY

(5)

Estimated Cost Rs. :- 225239.00

Earnest Money Rs. :- 4500.00

Time:- One Month.

Name of work:- A/R and M/O Various residential buildings under division no III Shimla. (SH:- Providing concrete work, brick work in railing, polycarbonate sheet and miscellaneous repair work in set no C-7 at Bemloe 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.	1.81 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 :1:5:10 (1 cement : 5 coarse sand): 10 graded stone aggregate 40 mm nominal size)	0.54 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 :1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	0.73 Cum			Per cubic metre	
4	Half brick masonry in common burnt clay building bricks in super-structure above plinth level upto floor all level in Cement Mortar 1:4 (1 cement:4 sand) Second Class Bricks complete including carriage of materials within all leads and lifts.	12.60 Sqm.			Per square metre	
5	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.	358.07 Kg			Per /Kilogramme	
6	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.	21.60 Sqm.			Per square metre	
7	Painting Steel 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 ncluding carriage of materials within all leads and lifts.	20.66 Sqm			Per square metre	
8	Removing dry or oil bound distemper water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete Including carriage of materials in all leads and lifts.	122.48 Sqm.			Per square metre.	
9	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade one or more coats on old work including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	306.21 Sqm			Per square metre	
10	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.	122.48 Sqm			Per square metre	
1	Finishing walls with Acrylic Smooth exterior paint of required shade New work (Two or more coat including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	215.35 Sqm			Per square metre	
2	Painting wood work with Deluxe Multi Surface Paint of required shade. one or more coat applied @ 0.90 ltr/10 sqm .(Wood work) including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	96.87 Sqm			Per square metre	
	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :For fixed portion:- (i) Anodised aluminium (anodised transparent or dyed to required shade according to IS:1868, Minimum anodic coating of grade AC 15) complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	4.03 Kg			Per Kilogramme	

i)	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC15) complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	5.78	Kg			Per Kilogramme
14	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm) complete including carriage of materials in all leads and lifts.	1.26	Sqm			Per square metre.
15	Fixing corrugated G.I sheet roofing fixed with self drilling screws or with galvanised iron J.or L. hooks bolts and nuts 8 mm diameter with bitumen and G.I. impet washers filled with white lead complete excluding the cost of purlins rafters and trusses including carriage of materials within all leads and lifts. 0.63 mm thick sheet. (Labour Rate.)	53.00	Sqm			Per square metre
16	Providing and fixing polycarbonate transparent sheet 1.20mm thick in roofing with self drilling screws complete with all accessories as required as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts.	50.00	Sqm			Per square metre

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

Useful materials will be handed over to the Assistant Engineer, Sub Division No II HPPWD, Shimla-4 otherwise credit for useful materials will be charged.

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:- 169912.00
 Earnest Money:- 3400.00
 Time :- One Month

Name of work:-A/R & M/O Various residential buildings under Shimla Division No. III (SH:-Providing & fixing cupboards in set No. I-II/60, 20/2TF & 37/8OH) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	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	15.96 Sqm.			Per square metre.	
2	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	47.69 Sqm.			Per square metre.	
3	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc complete. including carriage of materials in all leads and lifts.	34.38 Sqm.			Per square metre.	
4	Providing and fixing hard wood square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	500.00 Rmt.			Per running metre.	
5	Providing and fixing chromium plated brass handles with necessary screws etc. complete 125 mm including carriage of materials within all leads and lifts.	37.00 No.			Each	
6	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete Triple strip vertical type including carriage of materials within all leads and lifts.	51.00 No.			Each	
7	Providing and fixing 6 mm thick ply wood ceiling/lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) including carriage of materials within all leads and lifts.	15.96 Sqm.			Per Square metre	
8	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) including carriage of materials within all leads and lifts.	117.76 Sqm			Per square meter	
9	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 including carriage of materials within all leads and lifts.	117.76 Sqm			Per square meter	
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

(7)

Estimated Cost Rs. :- 91366.00

Earnest Money Rs. :- 1830.00

Time:- One Month.

Name of work: -A/R & M/O to Various Residential Building Under Shimla Division No.III SH:- ¹Side Painting and Distemping in Block No. 44 Type-IV Quarters Set No. 830,831 & 832 at New Shimla)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Removing dry or oil bound distemper, water proofong 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.	280.70 Sqm			Per square meter.	
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 including carriage of materials and as per the direction of the Engineer-in-Charge.	280.70 Sqm			Per square meter	
3	Painting with syntheic enamel paint on wood and Wood based Surfaces 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.	466.05 Sqm			Per square meter	
4	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade One or more coats on old work including carriage of materials and as per the direction of the Engineer-in-Charge.	801.99 Sqm			Per square meter	
	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.
- iv Recovery of usefull bricks 181.00, recovered from site will be charged / deducted from contractor @ Rs. 4.00 Each.

Executive Engineer
Shimla Division No.III
HP. PWD. Shimla-2

SCHEDULE OF QUANTITY

(8)

Estimated cost:-
Earnest Money:-
Time :-

272109.00
5450.00
One Month

Name of work:-Special repair to Various residential buildings under Shimla Division No. III (SH:-Construction of pedestal along with water storage tanks to block No. I-II & rain water pipes in block No. 14 & 18) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	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 including carriage of materials in all leads and lifts.	1000.70 Kg			Per Kilogramme	
2	Providing and fixing 15mm nominal bore brass ball valve (horizontal plunger type) High pressure with polythene plastic floatwith fixing etc. complete including carriage of materials within all leads and lifts.	9.00 No.			Each	
3	Providing and placing on terrace (at all floor levels) polyethylene three layer sintex make water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. including carriage of materials within all leads and lifts.	8500.00 Ltrs.			Per Litre	
4	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. 15mm dia nominal bore External work including carriage of materials in all leads and lifts.	24.00 Rmt			Per running metre	
5	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 including carriage of materials within all leads and lifts.	12.00 No.			Each	
6	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) 25mm nominal bore including carriage of materials within all leads and lifts.	16.00 No			Each	
7	Providing and fixing floor mounted, white vitreous china single piece, double traps syphonic water closet of approved brand/make, shape, size and pattern including integrated white vitreous china cistern of capacity 10 litres with dual flushing system, including all fittings and fixtures with seat cover, cistern fittings, nuts, bolts and gasket etc including making connection with the existing P/S trap, complete in all respect as per directions of Engineer-in-Charge including carriage of materials within all leads and lifts. ESS ESS cat No. OP-35-S.	1.00 No			Each	
8	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, Single socketed pipes.-110 mm diameter including carriage of materials within all leads and lifts.	94.35 Rmt			Per running meter	
9	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 10 mm gap for thermal expansion.- Bend 87.5°-110 mm bend including carriage of materials within all leads and lifts.	34.00 No.			Each	
	ii) Single tee with door.	6.00 No.			Each	
	iii) Coller110mm nominal size.	23.00 No.			Each	
10	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs/rawl plug screwed with M.S. screws of required length, including cutting brick work and making good the wall etc. complete 110 mm including carriage of materials within all leads and lifts.	37.00 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.III.
HP.PWD.Shimla-171003

SCHEDULE OF QUANTITY

91

Estimated Cost Rs. :- 257323.00

Earnest Money Rs. :- 5150.00


Time:- One Month.

Name of work: - A/R & M/O Armasdale Building at HP. Sectt. Shimla-2(SH:- Balance work of renovation of Room No. A322.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing 19mm thick Comercial board in box /Shelf complete with necessary screws and bright finished stainless steel piano hinges where required, complete as per direction of the Engineer-in-Charge	28.05 Sqm			Per square metre	
2	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets fixed with approved adhesive and nails etc complete including carriage of materials in all leads and lifts.	8.64 Sqm			Per square metre.	
3	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 and as per the direction of the Engineer-in-Charge.	156.15 Sqm			Per square metre.	
4	Providing and fixing bright finished brass 100mm Mortice latch and lock and a pair of levers, handles of approved quality with necessary screws etc. complete (indian make of approved quality) complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	3.00 No			Each	
5	Providing and fixing bright finished hydraulic door closer of Godrej make or equivalent with screws etc. complete including carriage of materials in all leads and lifts.	5.00 No.			Each	
6	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	1290.30 Kg			Per Kilogramme	
Conditions:-					Total	

i Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.

ii Sample of all the materials to be used on work shall be get 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

(16)

Estimated Cost Rs. :- 131893.00
Earnest Money Rs. :- 2640.00

Time:- One Month.

Name of work: - A/R & M/O to Various Residential Building Under Shimla Division No.III SH:- Providing and Laying tiles , Cup boards , Distempering & Painting etc ifirst floor Type-1 Set No.6 at Victoria Place Nigam Vihar Shimla)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	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)including cartage of materials within all leads and lifts.	0.39 Cum			Per Cubic Metre	
2	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable materials within all leads & lifts as per direction of Engineer-in-charge.	0.12 Cum			Per Cubic Metre	
3	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 including cartage of materials in all leads and lifts.(i) In cement mortar	0.16 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 :(i) 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size)	0.39 Cum			Per Cubic Metre	
5	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).	0.12 Cum.			Per Cubic Metre	
6	Centering and shuttering including strutting, propping etc. and removal of form work including Cartage of materials with in all leads and lifts and as per direction by the Engineer-In-Charge(ii) Suspended floors, roofs, landings, balconies and access platform	1.38 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 including cartage of materials in all leads and lifts (i) Cold twisted bars	19.20 Kg			Per Killogram	
8	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:- Cement mortar 1:4 (1 cement :4 coarse sand) complete including cartage of materials within all leads and lifts as per direction of Engineer - in - charge.	2.39 Sqm.			Per Square Metre	

9	Providing and fixing 18mm 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	1.58 Sqm.				Per Square Metre	
10	Providing edge moulding to 18mm 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:- Granite work.	2.30 Rmt.				Per Running Metre	
11	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 upto all leads and lifts and as directed by the Engineer in Charge.	17.84 Sqm.				Per Square Metre	
12	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc.- Sal wood including carriage of materials within all leads and lifts.	0.18 Cum.				Per Cubic Metre	
13	Providing and fixing 6mm thick ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) including carriage of materials in all leads and lifts.	2.43 Sqm.				Per Square Metre	
14	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 in all leads and lifts.	6.60 Sqm.				Per Square Metre	
15	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc. complete including carriage of materials in all leads and lifts.	14.86 Sqm.				Per Square Metre	
16	Providing and fixing 1.00 mm thick coloured or plain laminated sheet (sunmica) on boards / ply wood sheets with approved adhesive and nails complete including carriage of material in all leads and lifts.	6.60 Sqm.				Per Square Metre	
17	Providing and fixing plain square edged cover fillets (beading) 19mm x 6mm section with wood screws in ceiling and lining including mitring at junctions in hard wood including carriage of materials within all leads and lifts.	29.87 Rmt.				Per Running Metre	
18	Providing and fixing 100 mm aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts.	12.00 No				Each	
19	Providing and fixing magnetic catcher with screws etc. complete including carriage of materials within all leads and lifts.	12.00 No				Each	
20	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(i) Size of Tile 600x600 mm	16.88 Sqm.				Per Square Metre	

21	15mm Cement plaster in single coat on the rough side of brick/ concrete/ stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth in Cement Mortar 1:6 (1Cement:6 Sand) including carriage of materials within all leads and lifts.	11.50 Sqm.			Per Square Metre	
22	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat of approved brand and manufacture including carriage of materials and as per the direction of the Engineer-in-Charge.	38.75 Sqm			Per Square Metre	
23	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 within all leads and lifts.	280.70 Sqm			Per square Metre	
24	Distempereing with 1st quality acrylic distemper (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade :() Old work (one or more coats)	52.21 Sqm			Per square meter.	
25	Painting with synthetic enamel paint on wood and Wood based Surfaces 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.	41.55 Sqm			Per square meter	
26	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.	50.25 Sqm			Per square meter	
27	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 duly compensated by him in all respect as per direction of Engineer-in-Charge.	0.67 Cum			Per Cubic Metre	
Conditions:-					Total	

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 conform to Bureau of Indian standards.

iv Recovery of useful bricks 57.00, recovered from site will be charged / deducted from contractor @ Rs. 5.00 Each.

Executive Engineer
Shimla Division No.III
H.R. PWD, Shimla-8


SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 395196.00
Earnest Money Rs. :- 7910.00

Time:- One Month.

Name of work: -Special Repair to Block No.B, Type-III at Barnes Court Raj Bhawan Shimla(SH:- C/O Sunshade/ Chajja over Windows)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required, including carriage of materials within all leads (i) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	1217.40 Kg.			Per Kilogramme	
2	Providing and fixing precast galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required, including carriage of materials within all leads and lifts.	44.55 Sqm			Per Square Metre	
3	Providing and fixing precast galvanized steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete (i) Flashings/ Aprons, (Upto 600 mm)	59.40 Rmt.			Per Running Metre	
4	Providing and fixing M.S. BP Sheet 1.60 mm thick in eaves board/ fascia/ soffits/ ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in charge (Base members of steel work shall be measured and paid separately) Including carriage of materials within all leads and lifts.	49.19 Sqm			Per Square Metre	
5	Providing and fixing 75mm long fastener for fixing M.S. sheet, P.G.I. Sheet and polycarbonate sheet with frame etc. complete. including carriage of material in all leads and lifts	192.00 No.			Each	

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.	604.800	Sqm				Per Square Metre	
7	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	118.20	Sqm				Per Square Metre	
	Conditions:-						Total	

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, HP PWD, 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 conform to Bureau of Indian standards.

- iv Recovery of useful bricks 181.00, recovered from site will be charged / deducted from contractor @ Rs. 4.00 Each.

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

SCHEDULE OF QUANTITY

(12)

Estimated cost:- 200836.00
Earnest Money:- 4020.00
Time :- One Month.

Name of work: - A/R and M/O various residential buildings under Division No III Shimla. (SH:- Covering of Porch of servant Qtrs in set No. Type VI set No 14 at Richmond Shimla)

SR. NO	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
	2	3	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 a lead of 50 m.	2.29 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 20mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	2.29 Cum.			Per square metre.	
3	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 complete including carriage of materials within all leads and lifts.	1217.90 Kgs			Per square metre.	
4	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including carriage of materials within all leads and lifts.	255.00 Kg.			Per cubic metre	
	Providing and fixing M.S. welded mesh 25mm X 25mm X 3mm thick as per approved design complete by welding with electrical plant complete including applying priming coat of red lead paint as per HP.PWD. Specification 1990 Volume-I and including carriage of materials upto all leads and lifts by mechanical means and manual labour and as directed by the Engineer in Charge.	29.14 Sqm			Per cubic metre	
5	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	80.00 Sqm			Per cubic metre	
7	Providing and laying heavy duty pre-polished precast cement concrete inter locking paver blocks of NTC make or equivalent of approved design and shade vibro compacted of approved design, shade and size border or kurb block grey or coloured over sub-base of concrete with 25mm thick average thickness of cement mortar 1:4 (1 cement : 4 sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks including curing rubbing and polishing complete (Sub base concrete floor to be paid for sepretarly) 60mm thick block including carriage of materials within all leads and lifts.	3.85 Sqm			Per cubic metre	
					Total	
CONDITION						

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

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

13

Estimated Cost Rs. :- 247958.00

Earnest Money Rs. :- 4960.00


Time:- One Month.

Name of work: -A/R & M/O to residential Building under Shimla Division No.III Shimla(SH:- Providing and Fixing Prepainted Steel Sheet Roofing in back side of set NO. 1,2,3 at Back side of Open Area prepainted sheet roof set No.5, First floor M.S. Railing , Sun Sheet Over Window etc. in Type-I Set No. 5, First Floor Victoria Place at Nigam Vihar Shimla-2)

Sl. No.	Items of work	Quantity		Rate		Unit.	Amount.
				In figures	In words		
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m 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 a lead of 50 m. Ordinary rock including carriage of materials within all leads and lifts.	0.86	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 :(i) 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	0.88	Cum			Per Cubic Metre	
3	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 complete including carriage of materials within all leads and lifts.	1200.82	Kg			Per Kilogramm e	
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 bolted with special shaped washers etc. complete. including carriage of materials within all leads and lifts.(i) Hot finished welded type tubes	438.60	Kg.			Per Kilogramm e	
5	Providing and fixing ISI marked oxidised M.S. pressed butt hinges with necessary screws etc.complete 100x 58x 1.90 mm including carriage of materials within all leads and lifts.	8.00	Nos			Each	
6	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : 250x16 mm.	5.00	No.			Each	
7	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete :(i) 125mm	4.00	No.			Each	
8	Providing and fixing M.S. welded mesh 25mm X 25mm X 2mm thick as per approved design complete by welding with electrical plant complete including applying priming coat of red lead paint as per HP.PWD, Specification 1990 Volume-I and including carriage of materials upto all leads and lifts by mechanical means and manual labour and as directed by the Engineer in Charge.	25.17	Sqm			Per Square Metre	

9	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	28.47	Sqm			Per Square Metre	
10	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :(i) Flashings/ Aprons.(Upto 600 mm)	14.15	Rmt.			Per Running Metre	
11	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat of approved brand and manufacture	79.06	Sqm.			Per Square 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.
- iv Recovery of useful bricks 161.00. recovered from site will be charged / deducted from contractor @ Rs. 4.00 Each.


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

SCHEDULE OF QUANTITY

14



Estimated cost:- 405341.00
Earnest Money:- 8100.00
Time :- One Month.

Name of work: -Special Repair to Varoius residential buildings under division no III Shimla. (SH:- Repair of Front porch in set No. C-11 at Bemloe Shimla)

SR. NO	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
	2	3	4	5	6	
1	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)	0.36 Cum			Per cubic metre	
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :including carriage of materials within all leads and lifts.Of area 3 sq. metres and below	3.00 No			Each	
3	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	137.00 Kg			Per Kilogramme	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	0.36 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: i)1:1.5:3 (1 cement : 1.5 coarse sand): 3 graded stone aggregate 20 mm nominal size)	0.65 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.including carriage of materials within all leads and lifts	4.97 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.complete including carriage of materials within all leads and lifts.	78.00 Kg			Per Kilogramme	
8	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. In Cement mortar 1:4 (1 cement :4 coarse sand).	17.14 Sqm			Per Square metre	
9	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	0.061 Cum			Per cubic metre	
10	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.:- Rae wood/chill wood	0.270 Cum			Per cubic metre	
11	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-incharge. (Note:- Butt hinges and necessary screws shall be paid separately) Deodar wood wood 35 mm thick shutters.	1.80 Sqm			Per Square metre	

12	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : complete including carriage of materials within all leads and lifts. 300x16 mm	2.00	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 : 250mm x 10mm.	1.00	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 : 100mm.	2.00	No.			Each	
15	Providing and fixing water proof kit ply of standard quality ISI mark and approved shade and colour in panelling & wall lining i/c mitring at junctions, butt jointing and nails complete (Frame work for base to be measured & paid for separately) 12mm thk. including carriage of materials within all leads and lifts	33.59	Sqm			Per Square metre	
16	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.	894.02	Kg			Per Kilogramme	
17	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.	28.17	Sqm			Per Square metre	
18	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.60 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5 x 55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	8.58	Sqm			Per Square metre	
19	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.60 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : i) Ridges plain (500 - 600mm)	3.90	Rmtr			Per Running metre	
20	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.63mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :-Gutter (600 mm over all girth)	7.80	Rmtr			Per Running metre	
21	Providing and fixing 0.63 mm thick PGI sheet ceiling/lining of approved quality with butt jointing and wood screws (frame work and cover fillets to be measured and paid for separately) including carriage of materials within all leads and lifts.	6.24	Sqm			Per Square metre	
22	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	39.28	Sqm			Per Square metre	

	Providing and fixing 12mm thick imported pine wood ceiling/ panneling with tongued and grooved jointing of standard quality ISI mark and approved shade and colour complete including carriage of material within all leads and lifts.	33.59	Sqm			Per Square metre	
4	Melamine polishing on wood work (two or more coat) complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	33.59	Sqm			Per Square metre	
25	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :	51.62	Kg			Per Kilogramme	
26	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):	20.28	Sqm			Per Square metre	
27	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.	20.00	Rmtr			Per Running metre	
28	Providing and fixing PVC finolex Type B plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:-110mm dia	6.00	No.			Each	
29	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.	5.32	Cum			Per cubic metre	
						Total	
CONDITION							
Rates should be quoted for all heights including all leads and lifts for internal and external works.							
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:-
Earnest Money:-
Time :-

491991.00
9850.00
One Month

Name of work:- Special repair to Gaiety Theatre The Mall Shimla. (SH:-Repair of slate roofing, wood work & painting/polishing etc).

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Applying spirit or oil stains (any colour) on wood and wood based surfaces to given an even surfaces including cleaning the surfaces of all dirt, dust and sand papering so as to produce a smooth dry and matt surface including stopping and knotting including carriage of materials within all leads and lifts.	626.00 Sqm			Per square meter	
2	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 in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	626.00 Sqm			Per square meter	
3	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts.	62.10 Sqm			Per square meter	
4	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.	31.05 Sqm			Per square meter	
5	White washing with lime to give an even shade Old work (two or more coats) including carriage of materials within all leads and lifts.	62.10 Sqm			Per square meter	
6	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives.-New work (Two or more coats applied @ 1.43 litre/ 10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm including carriage of materials within all leads and lifts.	92.47 Sqm			Per square meter	
7	Dismantling roofing including ridges, hips, valleys and gutters etc and stacking the material within 50 metres lead of G.S. Sheet including carriage of materials within all leads and lifts. G.S. Sheet including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	85.27 Sqm			Per square meter.	
8	Slate roofing with 7.5 cm. Single lap single layer fixed on wooden batten (wood work to be paid for separately) With slates 40x20 cm size including carriage of materials within all leads and lifts.	85.27 Sqm			Per square meter	
9	Disposal of building rubbish/maiba/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 including carriage of materials within all leads and lifts.	1.70 Cum			Per Cubic meter	
10	Providing wood work in trusses, purlins, rafters, posts, post plates, wall plates and the like wrought framed, hoisted and fixed in position complete including carriage of materials within all leads and lifts in 2nd class deodar wood.	0.020 Cum			Per Cubic meter	
					Total:-	

CONDITION:-

- Rates should be quoted for all heights including all leads and lifts for internal and external works.
- Paint, emulsion, distemper etc. should be of 1st class quality and it should also be got approved from Engineer-in-charge before use.
- 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

16

Estimated Cost Rs. :- 297272.00

Earnest Money Rs. :- 5950.00

Time:- One Month.

Name of work: -A/R & M/O to Various Residential Building Under Shimla Division No.III SH:-Painting and Distemping inside and outside , wood work, steel work and Polishing etc in Forest Lodge at Raj Bhawan shimla)

Sl. No.	Items of work	Quantity		Rate		Unit.	Amount.
				In figures	In words		
1	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade One or more coats on old work including carriage of materials and as per the direction of the Engineer-in-Charge.	500.63	Sqm			Per square meter	
2	Finishing walls with Acrylic Smooth exterior emulsion of required shade :(i) Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	812.10	Sqm.			Per square meter	
3	Painting with syntheic enamel paint on wood and Wood based Surfaces 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.	1054.64	Sqm			Per square meter	
4	Removing dry or oil bound distemper, water proofong 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.	918.92	Sqm			Per square meter.	
5	Providing and applying white cement based putty of average thickness 1.00mm, 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.	918.92	Sqm			Per square meter.	
6	French spirit polishing One or more coats on old work including carriage of materials within all leads and lifts as per direction of the Engineer-in-charge.	31.14	Sqm			Per square meter.	
7	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 complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.	435.77	Kg.			Per Kilogramme	
8	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 :with ISI marked M.S. pressed butt hinges bright finished of required size(i)Second class Deodar wood(a)35 mm thick shutters	4.53	Sqm.			Per Square Metre	
9	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete :(i) 300x16mm	3.00	No			Each	
10	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete :(i) 150x10mm	6.00	No			Each	
11	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete :(i) 100mm	6.00	No			Each	

12	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete including carriage of materials within all leads and lifts.	2.00	No.			Each	
13	Providing and fixing ISI marked oxidised M.S. single acting spring hinges with necessary screws etc. complete :(i) 150mm	2.00	No.			Each	
14	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :(i) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	1.58	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.
- iv Recovery of usefull bricks 181.00. recovered from site will be charged / deducted from contractor @ Rs. 4.00 Each.

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

SCHEDULE OF QUANTITY

(17)

Estimated cost:- 273099.00
 Earnest Money:- 5500.00
 Time :- One Month

M.P.

Name of work:-A/R & M/O Various residential buildings under Shimla Division No. III (SH:-Providing & fixing pedestal for water storage tanks along with PVC water storage tanks to block No. 36) at Nabha Estate Shimla.

SI. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	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 including carriage of materials within all leads and lifts.	1180.00 Kg.			Per Kilogramme	
2	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 of approved brand and manufacture including carriage of materials in all leads and lifts.	52.28 Sqm.			Per square meter	
3	Providing and placing on terrace (at all floor levels) polyethylene three layer sintex make water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. including carriage of materials within all leads and lifts.	11000.00 Ltrs.			Per Litre	
4	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc External work 15 mm dia nominal bore including carriage of materials within all leads and lifts.	66.00 Rmt.			Per running metre.	
5	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 including carriage of materials within all leads and lifts.	22.00 No			Each	
6	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete 15 mm nominal bore including carriage of materials in all leads and lifts.	22.00 No			Each	
7	Providing and fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D. plastic ball 15 mm nominal bore, 105 mm long, weighing not less than 138 gms including carriage of materials within all leads and lifts.	11.00 No.			Each	
CONDITION:-						
Total:-						

- Rates should be quoted for all heights including all leads and lifts for internal and external works.
- Paint, emulsion, distemper etc. should be of 1st class quality and it should also be got approved from Engineer-in-charge before use.
- 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. :- 196272.00

Earnest Money Rs. :- 3930.00


Time:- One Month.

Name of work: - A/R & M/O Armasdale Building at HP. Sectt. Shimla-2(SH:- Providing and laying tiles and painting/distempering etc. in GAD Work shop.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	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	1.89 cum.			Per Cubic metre	
2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc., complete	113.64 Sqm			Per square metre	
3	Distempering two coats with 1st quality acrylic distemper, 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. complete within all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	487.25 Sqm			Per square metre	
Conditions:-					Total	

i Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.

ii Sample of all the materials to be used on work shall be get 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

(19)

Estimated cost:-
Earnest Money:-
Time :-

84452.00
1700.00
One Month

Name of work:-Special repair to Various residential buildings under Shimla Division No. III (SH:-Providing & fixing Cupboards, wood work, ceiling, shutters, marble & painting etc in block 1/5 Royal Hotel) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	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.- In cement mortar including carriage of materials within all leads and lifts.	0.36 Cum			Per Cubic meter	
2	Marble work gang saw cut (polished and machine cut) of thickness 18 mm for wall lining (veneer work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement : 3 coarse sand), including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the marble shade (To be secured to the backing by means of cramps, which shall be paid for separately) Area of slab upto 0.50 sqm including carriage of materials within all leads and lifts. Baroda green marble.	2.16 Sqm			Per square meter	
3	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.	2.40 Rmt.			Per running metre.	
4	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position. complete including carriage of materials within all leads and lifts.- 2nd class deodar wood.	0.018 Cum			Per cubic meter	
5	Providing wood work in frames of false ceiling, partition etc. sawn and and putup in position including carriage of materials within all leads and lifts. Second class chil/rai wood.	0.043 Cum			Per cubic metre	
6	Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory windows including black enamelled iron butt hinges with necessary screws including carriage of materials within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood.	5.21 Sqm			Per square meter	
7	Providing and fixing 6 mm thick ply wood ceiling/lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) including carriage of materials within all leads and lifts.	9.95 Sqm.			Per Square metre	
8	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	5.57 Sqm.			Per square metre.	
9	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	12.27 Sqm.			Per square metre.	
10	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc complete including carriage of materials in all leads and lifts.	8.09 Sqm.			Per square metre.	
11	Providing and fixing hard wood square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	21.95 Rmt.			Per running metre.	
12	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.	27.79 Sqm			Per square meter	
13	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) including carriage of materials within all leads and lifts.	9.99 Sqm			Per square meter	
14	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 including carriage of materials within all leads and lifts.	37.78 Sqm			Per square meter	
15	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete 300x16 mm including carriage of materials within all leads and lifts.	1.00 No.			Each	
16	Providing and fixing 300x10 mm aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts.	2.00 No.			Each	
	ii) 200 X10mm size.	16.00 No.			Each	
17	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. 125 mm including carriage of materials within all leads and lifts.	2.00 No.			Each	

ii)	100 mm size.	12.00 No.		Each
iii)	75mm size.	8.00 No.		Each
18	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete Triple strip vertical type including carriage of materials within all leads and lifts.	12.00 No.		Each
19	Providing and fixing chromium plated brass curtain rod having wall thickness of 1.25mm with two chromium plated brass brackets fixed with C.P. brass screws and PVC sleeves etc., wherever necessary complete 12 mm dia as per design approved by Engineer-in-Charge including carriage of materials in all leads and lifts.	1.10 Rmt.		Per running metre.
20	Providing and fixing steel roller for sliding partition door with necessary screws etc. complete including carriage of materials within all leads and lifts.	4.00 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. II.
HP.PWD.Shimla-17/003

(20)

SCHEDULE OF QUANTITY

Estimated cost:-
Earnest Money:-
Time :-

395974.00
7950.00
One Month

Name of work:- Special repair to Gaiety Theatre The Mall Shimla. (SH:-Polishing with melamine polish over wooden floors of multipurpose hall, stage, back hall stage, Art gallery, Photo gallery etc)

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Applying spirit or oil stains (any colour) on wood and wood based surfaces to given an even surfaces including cleaning the surfaces of all dirt, dust and sand papering so as to produce a smooth dry and matt surface including stopping and knotting including carriage of materials within all leads and lifts.	776.42 Sqm			Per square meter	
2	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 in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	776.42 Sqm			Per square meter	
Total:-						

CONDITION:-

- Rates should be quoted for all heights including all leads and lifts for internal and external works.
- Paint, emulsion, distemper etc. should be of 1st class quality and it should also be got approved from Engineer-in-charge before use.
- 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-17/1003

SCHEDULE OF QUANTITY

(27)

Estimated Cost Rs. :- 423340.00
 Earnest Money Rs. :- 8470.00
 Time:- One Month.

Name of work: - Special Repair to Dental College Block-B at IGMC Shimla(SH:-Repair work and Apex in Block-B(External Side)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing precast cement concrete Jali 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 6mm nominal size), reinforced with 1.6 mm dia mild steel wire, including centering and shuttering, roughening cleaning, fixing and finishing in cement mortar 1:3 (1 cement : 3 fine sand) etc. complete, excluding plastering of the jambs, sills and soffits(i) 25 mm thick	157.80 Sqm.			Per square metre	
2	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 within all leads and lifts.	358.29 Sqm			Per Square Metre	
3	Providing and applying white cement based putty of average thickness 1.00mm, 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.	682.78 Sqm			Per Square Metre	
4	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. (i) With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	324.49 Sqm			Per Square Metre	
5	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.(i) Two Coats	682.78 Sqm			Per Square Metre	
6	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.	1393.34 Sqm			Per Square Metre	
7	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.	121.38 Sqm			Per Square Metre	

8	Providing and fixing double scaffolding system (cup lock type) on the exterior side of building/structure, upto 25 metre height, above ground level, including additional rows of scaffolding in stepped manner as per requirement of site, made with 40mm dia M.S. tube, placed 1.5 metre centre to centre, horizontal & vertical tubes joint with cup & lock system with M.S. Tubes, M.S. tube chalis, M.S. clamps and staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for execution of work of cleaning and/ or pointing and/ or applying chemical and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connecting with the building etc, wherever required, if feasible, 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.	470.40	Sqm					Per Square Metre	
9	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 4.0 mm thickness (weight not less than 10 kg/ sqm)	17.60	Sqm					Per Square 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, 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 conform to bureau of Indian standards.

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E.E. III

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

SCHEDULE OF QUANTITY

22

Estimated Cost Rs. :- 224192.00

Earnest Money Rs. :- 4490.00

Time:- One Month.

Name of work: - Special Repair to Ellerslie Main Building at HP Secretariat Shimla-2. (SH: - Balance work of providing and fixing cup boards, flooring etc. in proposed Scanning room.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing 9mm thick commercial ply wood in ceiling/ lining/ flooring etc. with butt jointing and nails (frame work and cove filets to be measured and paid for separately) including carriage of materials in all leads and lifts.	12.60 Sqm			Per square metre.	
2	Providing and fixing 19mm thick Comercial board in box /Shelf complete with necessary screws and bright finished stainless steel piano hinges where required, complete as per direction of the Engineer-in-Charge	41.04 Sqm			Per square metre	
3	Providing and fixing 19mm thick Comercial board in Shutters complete with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge	12.60 Sqm			Per square metre	
4	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets fixed with approved adhesive and nails etc complete including carriage of materials in all leads and lifts.	12.60 Sqm			Per square metre.	
5	Providing and fixing magnatic catcher of approved quality with screw etc. complete including carriage of materials within all leads and lifts.	40.00 No.			Each	
6	Providing and fixing 100mm size bright finished stainless steel handles with necessary screws etc. complete including carriage of materials in all leads and lifts.	40.00 No.			Each	
7	Applying one or more coat of paint based putty made of whitting and POP etc. mixed in required quantity of white enamel paint for application of wood based products after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	94.68 Sqm			Per square metre	
8	Painting two or more coats on new wood work and wood based surfaces with synthetic enamel paint of approved brand and manufacture to give an even shade complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	94.68 Sqm			Per square metre.	
8	Providing and fixing 1.50mm thick PVC/ rubber tiles flooring of L.G. make or equivalent plain, coloured corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment(to be measured separately) for payment complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.	121.72 Sqm			Per square metre	
Conditions:-					Total	

i Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.

ii Sample of all the materials to be used on work shall be get 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.