

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

NO.SD-III-CB-Tender/2021-22- 28433
To

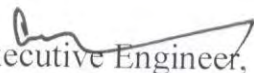
Dated:- 72-2022

*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 17-02-2022 up to 10.30 A.M. and will be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized representatives. The tender form can be had from his office against cash payment (non-refundable) on any working day up to 4.00 P.M. on 15-02-2022 and the application for issue of tender form shall be received up to 4.00 P.M. on 14-02-2022.

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 per form 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 Ellerslie Main building at HP Secretariat Shimla-2. (SH:- Providing and Fixing Peneling, Ceiling and polishing in Room No. E-212 and E-213 (office of food and Civil Supply Minister) in Ellerslie Main Building).	Rs.4,52,259/-	Rs.9050/-	One Month	6&8	350/-
2	A/R & M/O to various residential building under Shimla Division No.III Shimla. (SH:- Providing new connection GI Pipe line 15mm dia nad PVC fittings in three No. toilet, removing of Surplus eart/ debries and cutting of shrubs from peemises of Yates Place Shimla-2).	RS.1,07,093/-	Rs.2200/-	One Month	6&8	350/-
3	A/R & M/O various residential buildings under Shimla Division No.III (SH:- Construction of pedestal along with water storage tanks to set No. 4,5 & 11 out houses) at winter field Shimla.	Rs.4,38,279/-	Rs.8800/-	One Month	6&8	350/-
4	A/R & M/O to road from Navbahar to Holly Lodge Km. 0.00 to 2.670 (SH:- Providing and Laying patch work with Bitumenous concrete 30mm thick at Various Rds).	Rs.4,97,717/-	Rs.10000/-	One Month	6&8	350/-
5	A/R & M/O to various residential building under Shimla Division No. III Shimla. (SH:- Repair of verandha T.F. mudkanda House at Barnes Court Shimla).	Rs.1,61,185/-	Rs.3300/-	One Month	6&8	350/-
6	A/R & M/O to road from Cart road to Mahamaya Cottage Km. 0.00 to 1.270 (SH:- C/O retaining wall at RD 0.206 to 0.216).	Rs. 2,74,956/-	Rs.5500/-	One Month	6&8	350/-
7	A/R & M/O to various residential building under Shimla Division No.III Shimla. (SH:- Painting and distempering with oil bound distemper (Due sets in side and out side) chequered tiles and steel work etc. in driver block set No. 1 to 6 at Barnes Court Shimla-2).	Rs.1,98,497/-	Rs.4000/-	One Month	6&8	350/-
8	A/R & M/O various residential building under Shimla division No.III (SH:- Providing & fixing cupboards, ceiling, lining, tiles, flooring, painting & distempering including sanitary fittings in block No. 25 of set No. 64,66 type-III, G-III/77,79 32/126, R-II/152 & H-III/90 etc at Nabha Estate Shimla.	Rs.2,44,410/-	Rs.4900/-	One Month	6&8	350/-
9	Construction of Various residential buildings under Shimla Division No.III (SH:- Geological investigation of soil/strata for construction of Parking Gymnasium and tennis court at site Btc block and construction of type-IV and type-V qtrs for PWD employees at site block No. 34) at Nabha Estate Shimla.	Rs.4,96,400/-	Rs.9950/-	One Month	6&8	350/-
10	Special Repair to residential building at Harvington Estate Lakkar Bazar Shimla. (SH:- Providing and Laying C.C. 1:2:4, Prepaied Sheet roofing, Welded Mesh & PVC water tank for set No. 1,4,5).	Rs.3,93,582/-	Rs.7900/-	One Month	6&8	350/-
11	Construction of Zonal Hospital building at Shimla. (SH:- Geological Investigation of soil strata for construction of steel bridge to connect old building with new building including steel structure parking, railing & main gate at entrance of Hospital building).	Rs.2,04,000/-	Rs.4100/-	One Month	6&8	350/-
12	A/R & M/O to non residential building under Shimla Division No.III Shimla. (SH:- Providing and fixing wooden paneling and polishing etc. in "Aditya" office of Hon'ble Governor of Himachal Pradesh).	Rs.2,25,344/-	Rs.4600/-	One Month	6&8	350/-
13	Special repair of Kamla Nehru Hospital Shimla (SH:- Providing and Fixing G.I. Pipes, M.S tanks in Hospital Campus etc.).	Rs.4,95,517/-	Rs.10000/-	One Month	6&8	350/-
14	Special repair to Ellerslie main building at HP Secretariat Shimla. (SH:- Providing and fixing pine wood work in Hon'ble chief wip office cum staff room No. E-112 and E-113 etc).	Rs.4,77,715/-	Rs.9560/-	One Month	6&8	350/-
15	Special repair to various residential buildings under Division No.III Shimla. (SH:- Repair of roofing at 2 nd floor at Secretary cottage at U.S Club Shimla).	Rs.3,82,061/-	Rs.7640/-	One Month	6&8	350/-
16	A/R & M/O to road from Navbahar to Holly lodge Km. 0.00 to 2.670 (SH:- C/O Breast wall at RD 1.975 to 1.990).	4,60,418/-	Rs.9300/-	One Month	6&8	350/-
17	Special repair Kamla Nehru Hospital Shimla. (SH:- Earth work, P/L CC, work, steel work, roofing work etc. for platform of DG set of PSA Plant near MCH block).	Rs.3,29,981/-	Rs.6600/-	One Month	6&8	350/-

18	A/R & M/O to Non residential building under Shimla Division No.III Shimla. (SH:- Wall paneling, partition wall in office table in Room No. 101 and 102 in Block-A first floor, cupboard, wall paneling in Room No. 4 to 10 block-B, wall paneling in room no. 416 block -D Fourth floor of EE. NH. Nirman Bhawan at Nigam Vihar Shimla).	Rs.1,79,145/-	Rs.3600/-	One Month	6&8	350/-
19	A/R & M/O to various Non residential building under Shimla Division No.III Shimla. (SH:- Painting on out portion of main building of Raj Bhawan).	Rs.2,79,429/-	Rs.5600/-	One Month	6&8	350/-
20	Special repair to Armsdale building at HP Secretariat Shimla-2 (SH:- Providing and fixing shutters for covering of sensor in general toilet of Armsdale phase-II).	Rs.2,81,454/-	Rs.5630/-	One Month	6&8	350/-
21	A/R & M/O to various residential building under division No-III Shimla.(SH:- Providing and fixing railing and tank stand for water tank in Mainsfild Lodge at Benmore Shimla).	Rs.1,77,491/-	Rs.3550/-	One Month	6&8	350/-
22	A/R & M/O to various residential building under Shimla Division No. III Shimla. (SH:- Providing and fixing cup board, tiles, partitions, painting and distemping with oil bound distemper and sanitary fittings etc. in block no. 8 set No-9 at Barnes court Shimla-2	Rs.2,35,810/-	Rs.4800/-	One Month	6&8	350/-
23	A/R & M/O to non residential building under Shimla Division no.III Shimla. (SH:- Painting with plastic emulsion in general toilet, ground floor to fourth floor in block -B Engineer-In-Chief Office room G-10 Room in block-B Room No. 416, Fourth Floor-D (EE. Design. NH).	Rs.1,11,837/-	Rs.2300/-	One Month	6&8	350/-
24	A/R & M/O various residential buildings under division No. III Shimla. (SH:- Repair of Cupboards, repair of shutters, and other miscellenous repair work in block-1 set No. 18,19 at Yates place-1 at Benmore Section).	Rs.1,70,435/-	Rs.3574/-	One Month	6&8	350/-
25	Special repair to Armsdale building at HP Secretariat Shimla-2 (SH:- Providing and fixing vent for exhaust in Armsdale building phase-II Toilets).	Rs.2,34,952/-	RS.4700/-	One Month	6&8	350/-
26	A/R & M/O various residential buildings under division No-III Shimla. (SH:- Providing and fixing M.S. railing in boundary wall at Benmore Section).	Rs.1,41,643/-	Rs.2830/-	One Month	6&8	350/-

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

Terms & Conditions:-

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

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

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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.

Dated:-

9-2-2022

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 452259.00
 Earnest Money Rs. :- 9050.00
 Time:- One Month.

Name of work: - Special Repair to Eilerslie Main Building at HP Secretariat Shimla-2. (SH: - Providing and fixing peneling, Ceiling and polishing in Room No. E-212 and E-213 (office of food and civil supply Minister) in Eilerslie Man Building).

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position complete including carriage of material all leads and lifts in :Rai/Chil wood.	0.75 Cum			Per Cubic metre	
2	Providing and fixing 9mm thick comerial ply lining with necessary screws, complete as per direction of the Engineer-in-Charge	116.17 Sqm			Per square metre	
3	Providing and fixing 12mm thick imported pine wood ceiling 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	116.17 Sqm			Per square metre	
4	Providing and fixing 19mm thick Commercial board in box /Shelf complete with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge	17.76 Sqm			Per square metre	
5	Providing and fixing 19mm thick Commercial board shutter complete with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge	6.60 Sqm			Per square metre	
6	Providing and fixing 40mm x 40mm hard wood corner complete including carriage of materials in all lead and lifts.	68.70 Rmt.			Per running metre.	
7	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.	20.00 Rmt.			Per running metre.	
8	Providing and fixing 100mm size bright finished brass handles with screws etc complete including carriage of materials in all leads and lifts.	16.00 No.			Each	
9	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials in all leads and lifts:- Triple strip vertical type.	16.00 No.			Each	
10	Applying one or more coat of paint based putty made of whitening 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.	48.70 Sqm			Sqm	
11	Polishing one or more coats with malamine polish of required shade on polish based 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 complete including carriage of materials in all leads and lifts.	85.25 Sqm			Sqm	
12	Polishing two or more coats with malamine polish of required shade on polish based 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 complete including carriage of materials in all leads and lifts.	116.17 Sqm			Per square metre.	

13	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade two or more coats on new wood work complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	48.70 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

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SCHEDULE OF QUANTITY						
Name of work: - A/R & M/O to various residential Building under Shimla Division No.III Shimla(SH): - Providing new connection GI Pipe Line 15 mm Dia and PVC fittings in Three No. Toilet , Removing of Surplus earl/ Debrises and Cutting of Shrubs from peemises of Yates Place Shimla-2)						
				Estimated Cost: -Rs.107093/- only		
				Earnest Money : Rs.2200/-Only		
				Time - One Month		
S.No.	Sub head and items of work	Qty.	Rate In figure	In words	Unit	Amount
1	2	3			6	7
1	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.(a) Internal work - Exposed on wall (i)15 mm dia nominal bore including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	142.50	Rmt.		Per Running Metre	
2	Providing and fixing brass stop cock of approved quality :15 mm nominal bore complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.	4.00	Nos.		Each	
3	Providing and Fixing Ball Valve (Brass) of approved Quality, High Or Low Pressure, With Plastic Floats Complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge <i>(1) 15 mm nominal bore</i>	6.00	No		Each	
4	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws, including excavation, refilling the earth or cutting of wall and making good the same complete wherever required : (i) 15 mm nominal bore	4.00	No		Each	
5	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. (i)20 mm nominal outer dia Pipes	96.30	Rmt.		Per Running Metre	

6	Disposal of excavated earth by Mechanical means on approved dumping site of M.C. Shimla or on arranged by the contractor. i.e. through all mode of transportation including head load animal load or mechanical means alongwith transportation of the unuseful material for disposing including payment of prescribed charges of dumping to the owner of dumping site through all modes of transportation including head load animal load or mechanized means alongwith its levelling, fine dressing and to complete the work by mechanized means and labour(if any required) All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the courses of execution shall be the absolute responsibility of the contractor which shall have to be dully compensated by him in all respect as per direction of Engineer-in-Charge.	32.06	Cum			Per Cubic Metre	
7	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared. including carriage of materials up to all leads and lifts.	932.75	Sqm.			Per Cubic Metre	
Conditions:-						Total	

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

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

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

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

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E.E. III

SCHEDULE OF QUANTITY

Estimated cost:- 438279.00
 Earnest Money:- 8800.00
 Time :- One Month

Work:- A/R & M/O Various residential buildings under Shimla Division No. III (SH:-Construction of pedestal along with water storage tanks to Set No. 4, 5 & 11 out houses) at
 Construction field Shimla.

Sl. NO.	Description	Qty.	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 All kinds of soil including carriage of materials within all leads and lifts.	22.23 Cum			Per Cubic meter	
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) including carriage of materials within all leads and lifts.	2.03 Cum			Per Cubic meter	
3	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc. including carriage of materials within all leads and lifts.	8.75 Sqm			Per square meter	
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 including carriage of materials in all leads and lifts.	10.50 Cum			Per Cubic 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 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.	20.25 Cum			Per Cubic meter	
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 including carriage of materials within all leads and lifts.	686.28 Kg.			Per Kilogramme	
7	Providing and fixing M.S welded mesh 25mmX25mmX2mm 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.	100.92 Sqm			Per square meter	
8	Providing and fixing pre-coated galvanised Tata Durashine iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.63 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 including carriage of materials within all leads and lifts.	10.66 Sqm.			Per square metre.	
9	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 in all leads and lifts.	123.30 Sqm.			Per square meter	
7	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank including carriage of materials within all leads and lifts.	4000.00 Liter.			Per liter	
8	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. 15 mm dia nominal bore Internal work including carriage of materials in all leads and lifts.	70.00 Rmt			Per running metre	
	ii) 20 mm nominal dia.	10.00 Rmt			Per running metre	
9	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) including carriage of materials within all leads and lifts.	10.00 No			Each	

10	ii) 20 mm nominal bore. Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) 15 mm nominal bore including carriage of materials within all leads and lifts.	5.00 No		Each
	20mm nominal bore.	16.00 No		Each
		2.00 No		Each
		8.00 No.		Each
11	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.	3.00 No.		Each
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 :- 250x16 mm including carriage of materials within all leads and lifts.	6.00 No.		Each
13	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :-150x10 mm including carriage of materials within all leads and lifts.	6.00 No.		Each
14	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete. 125 mm including carriage of materials within all leads and lifts.	5.04 Cum		Per Cubic meter
15	Demolishing stone rubble masonry 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. Mortar including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	22.28 Cum		Per Cubic metre
16	Disposal of excavated earth by Mechanical means on approved dumping site of M.C. Shimla or on arranged by the contractor. i.e. through all mode of transportation including head load animal load or mechanical charges of alongwith transportation of the unuseful material for disposing including payment of prescribed charges of dumping to the owner of dumping site through all modes of transportation including head load animal load or mechanical means alongwith its levelling, fine dressing and to complete the work by mechanized means and labour(if any required) All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the courses of execution shall be the absolute responsibility of the contractor which shall have to be dully compensated by him in all respect as per direction of Engineer-in-Charge.			
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. and any 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

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E.E. III

SCHEDULE OF QUANTITY

Name of work: -A/R & M/O to Road from Navbahar to Holly Lodge Km. 0/00 to 2/670(SH:- Providing and Laying Patch work with Bitumenous Concrete 30mm thick at various Rds.)

Estimated Cost: -Rs.497717/- only
Earnest Money : Rs.10000/-Only
Time - One Month

S.No.	Sub head and items of work	Qty.	Rate	In figure	In words	Unit	Amount
1	2	3					67
1	Providing and applying tack coat with bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.275 kilogram per square metre on the prepared granular surfaces treated with primer and cleaned with hydraulic broom as per technical specification Clause 503 (Five hundred three) including carriage of material with in all leads, lifts and as per the direction of Engineer-In- Charge.	1347.00	Sqm			Per Square Metre	
2	Providing and laying 30mm (twenty five milimetre) thick bituminous concrete with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour crushed aggregates of specified grading, premixed with bituminous binder @ 5.40 to 5.60 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.508 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	40.41	Cum			Per Cubic Metre	
	Conditions:-						
	i Rates should be quoted for all heights including all leads and lifts for internal and external works.						
	ii Useful materials will be handed over to the Assistant Engineer, Sub Division No.V. HPPWD, Raj Bhawan Shimla-2 otherwise credit for useful materials will be charged.						
	iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in- charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.						
	Total						

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

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E.E. III

SCHEDULE OF QUANTITY

Name of work: -A/R & M/O to various residential Building under Shimla Division No.III Shimla(SH:-
Repair of Verandaha T.F. Mudkanda House at Barnes Court Shimla)

Estimated Cost: -Rs.161185/- only
Earnest Money : Rs.3300/-Only
Time - One Month

S.No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			In figure	In words		
1	2	3			6	7
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	0.14 cum.			Per Cubic Metre	
2	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 stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete within carriage of material in all leads and lifts.	1687.27 Kgs			Per Square Metre	
3	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : (i) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal	0.14 Cum			Per Cubic Metre	
Conditions:-					Total	

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

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

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

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

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SCHEDULE OF QUANTITY						
Name of work: -A/R & M/O to Road From Cart Road to Mahamaya Cottage Km. 0/00 to 1/270(SH):- C/O Retaining Wall at RD. 0/206 to 0/216)				Estimated Cost: -Rs.274956/- only		
				Earnest Money : Rs.5500/-Only		
				Time - One Month		
S.No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			In figure	In words		
1	2	3			67	
1	Earth work in excavation by mechanical means(Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. (i) All kinds of soil	10.80 cum.			Per Cubic Metre	
2	Banking excavated earth in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller, or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up, in embankments for roads, flood banks, marginal banks, and guide banks etc., lead upto 50 m and lift upto 1.5(i) All kind of Soil	21.60 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 filets, kerbs and steps etc.	65.00 Sqm			Per Square Metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (a) 1:5:10 (1 cement : 5 coarse sand): 10 graded stone aggregate 40 mm nominal size)	3.60 Cum			Per Cubic Metre	
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (i) 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size) including carriage of materials within all leads and lifts.	53.4 Cum			Per Cubic Metre	
6	Backfilling behind abutment wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 including carriage of materials in all leads and lifts.	12.00 Cum			Per Cubic Metre	

7	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.	30.00	Rmt				Per running 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.

Executive Engineer,
Shimla Division No. III,
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SCHEDULE OF QUANTITY

Estimated Cost: -Rs.198497/- only
 Earnest Money : Rs.4000/-Only
 Time - One Month

Name of work: -A/R & M/O to various residential Building under Shimla Division No.III Shimla(SH:-
 Painting and Distemping with oil bound distemper(Due Sets in side and out side) chequered Tiles and
 steel work etc. In Driver Block Set No. 1 to 6 at Barnes Court Shimla-2)

S.No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			In figure	In words		
1	2	3			6	7
1	Distemping 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 :(I) Old work (one or more coats)	521.99	Sqm.		Per Square Metre	
2	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.including carriage of materials within all leads and lifts.	260.99	Sqm		Per Square Metre	
3	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials and as per the direction of the Engineer-in-Charge.	260.99	Sqm.		Per Square Metre	
4	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.	1227.33	Sqm		Per Square Metre	
5	Chequered terrazzo 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) : Medium shade pigment using 50% white cement, 50% ordinary cement	55.38	Sqm		Per Square Metre	
6	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.(i) For thickness of tiles above 25 mm and up to 40 mm	55.38	Sqm		Per Square 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 In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including carriage of materials within all leads and lifts.	290.00	Kg		Per Kilogramme	
8	Providing and fixing moulded hand rail of M.S. hollow pipe 50mm dia welded in straight length over M.S. flat at top of vertical balusters including one coat of red oxide priming coat complete (M.S. flat & balusters of railings shall be measured & paid separately.	18.10	Rmt.		Per Running Metre	
	Conditions:-				Total	

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

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

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

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

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SCHEDULE OF QUANTITY

Estimated cost:- 244410.00
 Earnest Money:- 4900.00
 Time :- One Month

of work:-A/R & M/O Various residential buildings under Shimla Division No. III (SH:-Providing & fixing Cupboards, ceiling, lining, tiles, flooring, painting & distemper including
 fittings in block No. 25 of set No. 64,66 type-III, G-III/77,79, 32/126, R-II/152 & H-III/90 etc at Nabha Estate Shimla.

NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix) including carriage of materials in all leads and lifts.	8.93 Cum			Per Cubic metre.	
	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :-1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size) including carriage of materials within all leads and lifts.	8.93 Cum			Per Cubic meter	
	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.	0.022 Cum			Per cubic metre	
	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.	3.31 Sqm			Per square meter	
	Providing and fixing 19mm thick Commercial Board shutters for cup boards i/c fixing with nickel plated piano and lifts.	4.97 Sqm.			Per square metre.	
	Providing and fixing 19mm thick Commercial Board shutters for cup boards i/c fixing with nickel plated piano and lifts.	4.50 Sqm.			Per square metre.	
	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.	5.60 Sqm.			Per square metre.	
	Providing and fixing 0.80mm thick coloured or plain lamination sheet (summica) on boards/ply wood sheets with approved adhesive and nails etc complete. including carriage of materials in all leads and lifts.	13.76 Rmt.			Per running metre.	
	Providing and fixing hard wood square edges cover filets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	16.00 Nos.			Each	
	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.	7.00 Nos.			Each	
	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.	82.25 Sqm.			Per square metre	
	1.5 mm thick pvc/rubber tiles flooring (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 including carriage of materials within all leads and lifts.	11.65 Rmt.			Per running metre.	
	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 20 mm dia including carriage of materials within all leads and lifts.	1.38 Sqm			Per square meter	
	Providing and fixing veneered decorative plywood lining with decorative surface on one face with butt jointing and nails(frame work and cover filets to be measured and paid for separately) 4mm thick ply-3ply complete including carriage of materials within all leads and lifts.	28.47 Sqm			Per square meter	
	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 300x300 mm including carriage of materials within all leads and lifts.					

	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete, including carriage of materials within all leads and lifts	0.72 Sqm.	Per square meter
5	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.	17.28 Sqm	Per square meter
7	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre including carriage of materials within all leads and lifts.	17.28 Sqm	Per square meter
8	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.	11.00 No.	Each
9	Providing and fixing PVC Finolex type "A" floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials within all leads and lifts:-110mm X 90mm.	6.00 Rmt.	Per running metre.
20	Providing and fixing high pressure PVC (Finolex) spigot and socket, waste and ventilating pipes including collar and clamps ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- 110 mm dia.	26.70 Rmt	Per running meter
	(ii) 75 mm dia.	6.00 No.	Each
21	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	6.00 No.	Each
	(ii) 75mm nominal size.	7.00 No.	Each
22	Providing and fixing PVC Finolex reducer ISI marked including jointing with approved adhesive etc. complete including carriage of materials within all leads and lifts:-110mm X 75mm.	4.00 No.	Each
23	Providing and fixing PVC Finolex type "A" collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts. (i) 110mm nominal size.	12.00 No.	Each
	ii) 75mm nominal size.	6.00 No.	Each
24	Providing and fixing PVC Finolex type "A" plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 110mm nominal size.	5.00 No.	Each
	ii) 75mm nominal size.	4.00 No.	Each
25	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid including carriage of materials within all leads and lifts.	2.00 No.	Each
26	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests including carriage of materials within all leads and lifts.	4.00 No.	Each
27	Providing and fixing 8 mm dia C.P / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge including carriage of materials in all leads and lifts.	6.00 No.	Each
28	Providing and fixing uplasticed PVC connection pipe with brass unions 45 cm length 15 mm nominal bore including carriage of materials in all leads and lifts.		

31	Providing and fixing 100mm sand, CP grating for floor or nahani trap including carriage of materials within all leads and lifts.	8.00 No.	Each
32	Providing and fixing 15mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 including carriage of materials in all leads and lifts.	4.00 No.	Each
	Providing and fixing kitchen sink mixture 15mm nominal dia including carriage of materials within all leads and lifts:- Make Seiko or equivalents.	1.00 No.	Each
	Providing and fixing C.P. wall mixer faucet for shower & bath with overhead type 1210cm including carriage of materials within all leads and lifts Make Seiko or equivalents.	1.00 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 NP.III.
HP.PWD.Shimla-171003

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SCHEDULE OF QUANTITY

Name of work: - Special Repair to residential Building at Harvington Estate Lakkar Bazar Shimla (SH):- Providing and Laying C.C. 1:2:4, Prepacked Sheet roofing , Welded Mesh & PVC. Water Tank for Set No-1,4,5)				Estimated Cost: -Rs.393582/- only		
Sub head and items of work				Earnest Money : Rs. 7900/-Only		
S.No.				Time - One Month		
1	2	Qty.	Rate	In figure	In words	Unit
1	2	3	4	5	6	7
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. (i) All Kind of Soil	0.270 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) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	0.270 Cum				Per Cubic Metre
3	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of:(i) G.S. Sheet	36.66 Sqm				Per square metre
4	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete :(i) 250x16mm	2.00 No.				Each
5	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 gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	1748.45 Kg.				Per Kilogram
6	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.	141.68 Sqm				Per square metre
7	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.	52.75 Sqm				Per square metre

8	Providing and fixing pre-coated 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) Ridges plain (500 - 600mm)	20.80	Rmt.			Per Running Metre	
9	Providing and fixing rectangular high density polyethylene water storage loft tank with cover, conforming to ISI : 12701, colour of opaque white or as approved by Engineer-in-charge. The rate includes making necessary holes for inlet, outlet & over flow pipes. The base support i/c fittings & fixtures for tank shall be paid separately.	5000.00	Litre			Perv Litre	
10	Providing and fixing M.S. BP sheet 1.66 to 2.00 mm thick in eaves board/facia/soffits/ceiling including cutting , fixing and welding to steel roof member and applying a coat of red lead of primer complete in all respect as per directions of the Engineer-in-Charge.including entire carriage of materials in all leads and lifts	2.82	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 confirm to bureau of Indian standards.

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

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E.E. III

SCHEDULE OF QUANTITY

Estimated cost:- 204000.00
 Earnest Money:- 4100.00
 Time :- One Month

Work:- Construction of Zonal Hospital building at Shimla. (SH:-Geological Investigation of soil/strata for construction of steel bridge to connect old building in new building including steel structure parking, railing & main gate at entrance of Hospital building).

NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
	Sub soil investigation in all type of soil/ strata by drilling bore holes of NX size (75 mm diameter) ranging from 10 metre or above in depth for investigating of soil rock conditions at site of work including mobilization and de-mobilization, shifting of machinery to bore site, making platform and water arrangement for drilling etc. The scope of work includes collection of disturbed and undisturbed core samples, plugging of bore holes, preservation of core including relevant fields and laboratory tests and submission of geological report of complex site of work as per the direction of Engineer-in-charge including carriage of materials in all leads and lifts.	30.00 Rmt.			Per running metre.	
CONDITION:-						Total:-

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

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

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SCHEDULE OF QUANTITY

Name of work: - A/R & M/O to Non residential Building under Shimla Division No.III Shimla(SH:- Providing and Fixing Wooden Paneling and Polsihing etc. in " Aditya" Office of Hon'ble Governor of Himachal Pradesh)				Estimated Cost: -Rs.225344/- only	
				Earnest Money : Rs.4600/-Only	
				Time - One Month	
S.No.	Sub head and items of work	Qty.	Rate	Unit	Amount
1	2	3	In figure	In words	67
1	Providing Wooden Ground and fixed in position with wooden plugs etc.including carriage of materials within all leads and lifts.(i) Second Class Deodar wood	0.262 Cum			Per Cubic Metre
2	Providing and fixing plain lining with necessary screws/nuts & bolts/ nails, including a coat of approved primer on one face, and fixed on wooden /steel frame work, complete as per direction of Engineer-in-charge (Frame work shall be paid for separately). including carriage of materials within all leads and lifts.(i) 12mm thick	44.93 Sqm.			Per Square Metre
3	Providing and fixing 19 mm thick commercial board shutter for cup boards including fixing with nickel plated plano hinges with screws etc. complete including carriage of material in all leads and lifts	5.84 Sqm.			Per Square Metre
4	Providing and fixing 19 mm thick commercial board in shelves, lining, box for cup boards with butt joints fixed with nails and screws etc complete including carriage of material in all leads and lifts	2.16 Sqm.			Per Square Metre
5	Providing and fixing 4mm thick teak ply conforming to ISI in plain lining/panelling/under floors with necessary screws/nuts & bolts/ nails and fixed on wooden /steel frame work complete as per direction of Engineer-in-charge (Frame work shall be paid for separately) including carriage of materials within all leads and lifts.	38.34 Sqm.			Per Square Metre
6	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete including carriage of materials within all leads and lifts.(i) 2nd class teak wood 75x12 mm (Pattern work)	111.42 Rmt			Per running meter
7	(ii) 25x25mm (for patter work)	206.55 Rmt			Per running meter
8	Renewing glass panes, with wooden filets wherever necessary.including carriage of materials within all leads and lifts (i)Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm)	30.99 Sqm.			Per Square Metre
9	Providing and fixing bright finished brass handles with screws etc. complete.including carriage of materials within all leads and lifts (i) 125 mm	4.00 No			Each
10	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete.including carriage of materials within all leads and lifts(i) Double strip (horizontal type)	4.00 No.			Each
11	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.including carriage of materials within all leads and lifts	4.00 No			Each

12	Polishing with Malamine polish including carriage of materials within all leads and lifts.(i) Two or more coats on new works including a coat of wood filler	38.34	Sqm.			Per Square Metre	
13	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.(i) 1.5 mm thick	12.60	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, Sub Division No.V. HPPWD, Raj Bhawan Shimla-2 otherwise credit for useful materials will be charged.

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

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

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SCHEDULE OF QUANTITY

Name of work: - Special Repair to Kamla Nehru Hospital Shimla (SH: - Providing and fixing G.I. pipes, M.S. tanks in Hospital campus etc.)

Estimated Cost: -Rs.495517/- only
Earnest Money : Rs.10000/-Only
Time - One Month

S.No.	Sub head and items of work	Qty.	Rate In figure	In words	Unit	Amount
1	2	3			6	7
1	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work complete including carriage of materials within all leads and lifts:- (i) 15mm dia nominal bore, 25mm dia nominal bore.	61.00 Rmt			Per running metre	
2		35.00 Rmt			Per running metre	
3	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete including carriage of materials within all leads and lifts:- 25 to 40 mm nominal bore.	8.00 No.			Each	
4	Providing and fixing brass stop cock of approved quality complete including carriage of materials within all leads and lifts:- 15 mm nominal bore.	8.00 No.			Each	
5	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) complete including carriage of materials within all leads and lifts:- (i) 25 mm nominal bore.	12.00 No.			Each	
6	15 mm nominal bore	26.00 No.			Each	
7	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete including carriage of materials within all leads and lifts:- 15 mm nominal bore.	19.00 No.			Each	
8	Providing and fixing gun metal non- return valve of approved quality (screwed end) 25 mm nominal bore Vertical complete including carriage of materials within all leads and lifts.	19.00 No.			Each	
9	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete including carriage of materials within all leads and lifts (New work) :- (i) 15mm nominal bore.	18.00 No.			Each	
10	25mm nominal bore.	6.00 No.			Each	
11	Disconnecting damaged overhead/terrace PVC water storage tank of any size from water supply line and removing from the terrace including shifting at ground level complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge	19.00 No.			Each	
12	Providing and fixing M.S. sheet tank riveted to 30mm x 30mm x 5mm angle iron frame complete with 40mm nominal bore galvanised mild steel scour tube with fittings, 25mm nominal bore galvanised mild steel over-flow tube with fittings and mosquito proof coupling of approved municipal design, 15 mm nominal bore ball valve and mosquito proof galvanised mild steel cover with locking arrangement including providing pads to sizes as required for inlet and outlet tubes, inside painting with a priming coat of red lead & three coats of bituminous paint including hoisting up to a height of 10 metres above ground level complete including carriage of materials within all leads and lifts:- 1800 ltrs net capacity storage tank of 3.15 thick M.S.S heet.	16.00 No.			Each	

13	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	4000.00	Ltrs.			Per litre
14	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work.	164.16	Sqm			Per square metre.
15	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): 10graded stone aggregate 40mm nominal size) within carriage of material in all leads and lifts:- All kinds of soil.	3.06	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, Medical College Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be charged.

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

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

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E.E. III

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 477715.00
 Earnest Money Rs. :- 9560.00
 Time:- One Month.

Chief Wip office cum staff room No. E-

Sl. No.	Name of work: - Special repair to Ellerslie main Building at HP Secretariat Shimla. (SH: - Providing and fixing Pine wood work in Hon'ble Chief Wip office cum staff room No. E-112 and E-113 etc.)	Items of work	Quantity	Rate		Unit.	Amount.
				In figures	In words		
1		Providing and fixing 12mm thick imported pine wood ceiling 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.	276.04 Sqm			Per square metre	
Total							

Conditions:-
 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.

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 E.E. III

SCHEDULE OF QUANTITY

Estimated cost:- 382061.00
 Earnest Money:- 7640.00
 Time :- One Month.
 k:- S/R to various residential buildings under division no.III shimla.(SH:- Repair of roofing at 2nd floor at Secretary Cottage at U.S Club Shimla.)

Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
		In Figures.	In Words		
2	3	4	5	6	
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	120.80 Sqmtr			Per square metre	
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 :-2nd class deodar wood.	0.098 cum			Per cubic metre	
Providing and fixing Tata Durashine pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.62 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.	120.80 Sqmtr			Per square metre	
Providing and fixing Tata Durashine pre-coated 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) Ridges plain (500 - 600mm)	19.00 Rmtr			Per square meter	
Providing and fixing Tata Durashine pre-coated 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 :Gutter (600 mm over all girth)	25.00 Rmtr			Per square meter	
Providing valleys of 90 cm wide overall in pre-coated Tata Durashine G.S. sheet fixed with polymer coated J. or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete. 1.60 mm thick with zinc coating not less than 350 gm/m ² . including carriage of materials within all leads and lifts.	24.00 Sqm			Per square metre	
Providing and fixing MS BP sheet 2.00 mm thick in eaves board /facial/ 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 seperately).	31.20 Sqm			Per square metre	
Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolting with special shaped washers etc. complete.	702.00 Kg			Per-Kilogramme	
Painting Steel with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:two or more coats on old work. including carriage of materials within all leads and lifts.	31.20 Sqm.			Per square meter	
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, (i) Single socketed pipes.	20.00 Rmtr			Per running metre.	

11	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:-110mm dia	4.00	No	Each
12	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS 5382, leaving 10mm gap for thermal expansion :-Shoe (Plain) 110mm Shoe	4.00	No	Each
13	Providing and fixing PVC clamps ISI marked of approved design with steel screws and rawal plugs etc. complete including fixing with approved adhesive etc.complete.110 mm dia.	8.00	No	Each
				Total

CONDITION

- 1 Rates should be quoted for all heights including all leads and lifts for internal and external works.
- 2 Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of indian standards.
Recovery for servicable and unservisable material to be obtained from dismantling i.e. CGI/PGI Sheet shall be made .Rs.@130/sqmt
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E.E. III

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

SCHEDULE OF QUANTITY

Name of work: -A/R & M/O to Road From Navbahar to Holly Lodge Km. 0/00 to 2/670(SH:- C/O
Breast Wall at RD. 1/975 to 1/990)

Estimated Cost: -Rs.460418/- only

Earnest Money : Rs.9300/-Only

Time - One Month

S.No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			In figure	In words		
1	2	3				67
1	Earth work in excavation by mechanical means(Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. (i) All kinds of soil	58.50 cum.			Per Cubic Metre	
2	Banking excavated earth in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller, or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up, in embankments for roads, flood banks, marginal banks, and guide banks etc., lead upto 50 m and lift upto 1.5(i) All kind of Soil	13.20 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.	45.00 Sqm			Per Square Metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (a) 1:5:10 (1 cement : 5 coarse sand): 10 graded stone aggregate 40 mm nominal size)	2.48 Cum			Per Cubic Metre	
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (i) 1:3:6 (1 Cement : 3 coarse sand): 6 graded stone aggregate 20 mm nominal size)	46.54 Cum			Per Cubic Metre	
6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.(i) Mild steel and Medium Tensile steel bars	1664.30 Per Kg.			Per Kilogram	
7	Providing weep holes in brick masonry /stone masonry/plain reinforced concrete abutment ,wing wall return wall with 100 mm (one hundred milimetre) dia ,PVC pipe extending through the full width of the structure with slope of 1(v): 20 (Twenty) (H) towards drawing face complete complete as per drawing and technical specification clauses 614,709,1204.3.7 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	24.00 Rmt			Per Running Metre	

8	Disposal of excavated earth by Mechanical means on approved dumping site of M.C. Shimla or on arranged by the contractor. i.e. through all mode of transportation including head load animal load or mechanical means alongwith transportation of the unuseful material for disposing including payment of prescribed charges of dumping to the owner of dumping site through all modes of transportation including head load animal load or mechanized means and alongwith its levelling, fine dressing and to complete the work by mechanized means and labour(if any required). All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the courses of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respect as per direction of Engineer-in-Charge.	71.7 cum.			Per Cubic Metre
Conditions:-					Total

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

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

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

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

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E.E. III

SCHEDULE OF QUANTITY

Estimated Cost: -Rs.329981/- only

Earnest Money : Rs.6600/-Only

Time - One Month

Name of work:- Special Repair to Kamla Nehru Hospital Shimla(SH):- Earth work, P/L CC.
Work, Steel work,roofing worketc. For Platform of DG Set of PSA Plant near Near MCH Block)

S.No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			In figure	In words		
1	2	3	7.56 Cum		6	7
1	Cutting in earth work in all heights / depths and in all kinds of soil such as kankar, moorum, shingle and decomposed or soft rock and hard rock including their intermediate classification and chiselling / wedging out rock where blasting is prohibited including saturated soil and filling in embankment etc., where necessary and disposal of all excavated un serviceable materials in all leads and lifts including through mechanical transportation, the disposal of unserviceable materials will be done in acquired width of the road or on approved dumping site.				Per Cubic Metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m 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		14.36 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 : (i) 1:5:10 (1 cement : 5 coarse sand): 10 graded stone aggregate 40 mm nominal size)		6.24 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) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)		1.56 Cum.		Per Cubic Metre	
5	Centering and shuttering including strutting, propping etc. and removal of form work including Carriage of materials with in all leads and lifts and as per direction by the Engineer-In-Charge(i) Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.		15.34 Sqm		Per Square Metre	
6	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:(i) 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)		17.83 Cum		Per Cubic Metre	
7	Backfilling behind retaining wall/breast wall complete as per drawing and technical specification clause 1204.3.8 in granular material within all leads and lift of material as per direction of Engineer-in-Charge and other incidentals. The rate includes octroi,royalty,Malkana,Tol tax, sale tax or any other taxes imposed by the Government. including carriage of materials in all leads and lifts.		7.80 Cum		Per Cubic Metre	

8	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 beams joists, channels, angles, tees, flats with connection plates or angle cleats as in main and cross beams, hip and jack rafter, purlins connected to common rafters and the like including carriage of materials in all leads and lifts.	1281.52 Kg			Per Kilogram me
9	Providing and fixing M.S welded mesh 25mmx25mmx3mm 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.	60.20 Sqm.			Per Square Metre
10	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 (5.5x 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.	15.60 Sqm			Per Square Metre
11	Providing and fixing pre-coated 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 Ridges plain (500 - 600mm) complete within carriage of material in all leads and lifts.	6.00 Rmt.			Per Running Metre
12	Painting two coats (excluding priming coat on new steel and other metal surfaces with enamel paint brushin to give an even shade including cleaning the surface of all dirt, dust and other foreign matters including carriage of materials with in all leads and lifts complete in all respect as per the direction of Engineer - in Charge. (a) Enamel paint other than white	178.92 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 College Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be charged.

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

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E.E. III

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

SCHEDULE OF QUANTITY

Name of work: - A/R & M/O to Non residential Building under Shimla Division No.III Shimla(SH):- Wall Paneling, Partition Wall in office Table in Room No. 101 and 102 In Block-A First Floor, Cup Board , Wall Paneling in Room No. 4 to 10 Block -B , Wall Paneling in Room No. 416 Block-D Fourth Floor of EE. NH. Nirman Bhawan at Nigam Vihar shimla)			Estimated Cost: -Rs. 179145/- only	
			Earnest Money : Rs. 3600/-Only	
			Time - One Month	

S.No.	Sub head and items of work	Qty.	Rate	In words	Unit	Amount
1	2	3			67	
1	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc..including carriage of materials within all leads and lifts.(Second Class Deodar wood	0.063 Cum			Per Cubic Metre	
2	Providing and fixing 6mm thick ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately including complete including carriage of material in all leads and lifts	17.39 Sqm.			Per Square Metre	
3	Providing and fixing plain lining with necessary screws/nuts & bolts/ nails, including a coat of approved primer on one face, and fixed on wooden /steel frame work, complete as per direction of Engineer-in- charge (Frame work shall be paid for separately). including carriage of materials within all leads and lifts.(i) 12mm thick commercial ply	19.80 Sqm			Per Square Metre	
4	Providing and fixing 19mm thick Commercial Board shutters for up boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts	10.71 Sqm			Per Square Metre	
5	Providing and fixing 19 mm thick commercial board water proof in shelves, lining, box for cup boards with butt joints fixed with nails and screws etc complete including carriage of material in all leads and lifts	32.96 Sqm.			Per Square Metre	
6	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.(i) 1.5 mm Thick	1.25 Sqm.			Per Square Metre	
7	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality 1.00 mm thick including carriage of materials within all leads and lifts.	19.15 Sqm			Per square meter	
8	Providing and fixing 4mm thick teak ply conforming to ISI in plain lining/paneling/under floors with necessary screws/nuts & bolts/ nails and fixed on wooden /steel frame work complete as per direction of Engineer-in- charge (Frame work shall be paid for separately) including carriage of materials within all leads and lifts.	27.66 Sqm			Per square meter	
9	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete including carriage of materials within all leads and lifts.(i) 2nd class Deodar wood 40x12 mm	54.60 Rmt.			Per Running Metre	

10	Providing and fixing beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete including carriage of materials within all leads and lifts.(i) Hard wood 19x6 mm	144.63	Rmt.		Per Running Metre
11	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete.including carriage of materials within all leads and lifts(i) Double strip (horizontal type)	33.00	No.		Each
12	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer- in-charge.	1.00	Set		Per Set
13	Providing and fixing bright finished brass handles with screws etc. complete:including carriage of materials within all leads and lifts (i) 100mm	34.00	No		Each
14	Providing and fixing glass panes with nails necessary including carriage of materials within all leads and lifts:-Plain Glass:5mm thick.	1.49	Sqm		Per square meter
15	Polishing with Malamine polish including carriage of materials within all leads and lifts.(i) Two or more coats on new works including a coat of wood filler	32.81	Sqm		Per Square Metre
16	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	76.57	Sqm		Per Square Metre
17	Applying priming coat:With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	76.57	Sqm		Per square metre
18	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	76.57	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.

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

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E.E. III

SCHEDULE OF QUANTITY

Name of work: -A/R & M/O to various Non residential Building under Shimla Division No.III
Shimla(SH):- Painting on out portion of main Building of Raj Bhawan)

Estimated Cost: -Rs.279429/- only
 Earnest Money : Rs.5600/-Only
 Time - One Month

S.No.	Sub head and items of work	Qty.	Rate	In figure	In words	Unit	Amount
1	2	3					67
1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade including carriage of materials within all leads and lifts.(i) One or more coats on old work	2815.63	Sqm			Per Square Metre	
2	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm	1773.54	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.

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

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 E.E. III

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 281454.00
 Earnest Money Rs. :- 5630.00
 Time:- One Month.

Name of work: - Special Repair to Armsdale Building at HP Secretariat Shimla-2. (SH: -Providing and fixing Shutters for covering of sensor in general toilet of Armsdale Phase-II.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing anodised aluminium work for door, window, ventilators and partitions with extruded built up standard tubular and other sections of approved shade conforming to IS 733 and IS 1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with rawplugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/ neoprene felt etc. Aluminium sections shall be smooth, rustfree, straight, mitred and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/panelling C.P, brass/ stainless steel screws. All complete as per architectural drawings and the directions of Engineer-In-Charge:- For doors windows and ventilators and glazed partitions frames including carriage of material within all leads and lifts.	468.13 Kgs			Per Kilogramme.	
2	Providing and fixing ACP sheet 4mm thick panel in aluminium door, window, ventilator shutters and partition etc with PVC/neoprens 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.) partitions with 12mm thick Particle board bwp phenol bonded exterior/ interior grade both sides including carriage of materials within all leads and lifts.	18.90 Sqm			Per Square metre	
Conditions:-					Total	

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

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 E.E. III

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

SCHEDULE OF QUANTITY

Estimated cost:- 177491.00
 Earnest Money:- 3550.00
 Time :- One Month.

of work:- A/R and M/o to various residential building under division no III Shimla. (SH:-Providing and Fixing railing and Tank stand for water tank in Mainfield of Bonmore Shimla.)

Sl. No.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
	2	3	4	5	6	
	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	2.15 Cum			Per cubic metre	
	Earth work in excavation by manual means in foundation trenches or drains (not exceeding 1.5m in width or 10sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m.	3.19 Cum			Per cubic metre	
	All kinds of soil 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)	4.53 Cum			Per cubic metre	
	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	810.01 Kg			Per kilogramme.	
	Providing and fixing M.S welded mesh 25x25x3mm to angle iron frame work complete including welding by electric plant and including applying a priming coat of red lead paing and as per the direction of Engineer-in-Charge including carriage of materials within all leads and lifts.	19.52 Sqm.			Per square metre.	
	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	208.79 Kg			Per/Kilogram me	
	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete 300x16mm	1.00 No			Each	
	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than	10.00 Sqm			Per square metre.	
	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. including carriage of materials within all leads and lifts	197.58 Sqm.			Per square metre.	
	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground. With cement mortar 1:4 (1cement: 4 coarse sand) all complete as per direction of Engineer-in- Charge.	44.24 Sqm.			Per square metre.	
	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	44.24 Sqm.			Per square metre.	

Finishing walls with Acrylic Smooth exterior paint of required shade : old work (two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	44.24 Sqm.	Per Square 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

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E.E. III

SCHEDULE OF QUANTITY

Name of work: -A/R & M/O to various residential Building under Shimla Division No.III Shimla(SH):- providing and Fixing Cup board, tiles, Partitions, Painting and Distemping with oil Bound Distemper and Sanitary Fittings etc. in Block No.8 Set No. 9 at Barnes court Shimla-2)					Estimated Cost: -Rs.235810/- only	
					Earnest Money : Rs. 4800/-Only	
					Time - One Month	
S.No.	Sub head and items of work	Qty.	Rate In figure	In words	Unit	Amount
1	2	3			6	7
1	Providing wood work in frames of false ceiling partitions etc. sawn and put-up in position including carriage of materials within all leads and lifts as per direction of Engineer-in-charge in second class Kail wood.	0.242 Cum			Per Cubic Metre	
2	Providing and fixing plain lining with necessary screws/nuts & bolts/ nails, including a coat of approved primer on one face, and fixed on wooden /steel frame work, complete as per direction of Engineer-in- charge (Frame work shall be paid for separately). including carriage of materials within all leads and lifts.(i)9mm thick commercial ply	12.22 Sqm			Per Square Metre	
3	Providing and fixing 19 mm thick commercial board in shelves, lining, box for cup boards with butt joints fixed with nails and screws etc complete including carriage of material in all leads and lifts	41.84 Sqm.			Per Square Metre	
4	Providing and fixing 19 mm thick commercial board shutter for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of material in all leads and lifts	20.16 Sqm.			Per Square Metre	
5	Providing and fixing 6mm thick ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately including complete including carriage of material in all leads and lifts	14.40 Sqm.			Per Square Metre	
6	Providing and fixing 12mm thick water proof shuttering ply of standard quality ISI mark and approved shade and colour in panelling and wall lining including mitring at junctions, butt jointing and nails complete (Frame work for base to be measured and paid for separately) including carriage of materials within all leads and lifts.	5.76 Sqm.			Per Square Metre	
7	Providing and fixing square edged cover fillets (beading) 19 x 6 mm section including mitring at junction with wooden screws / nails etc complete of hard wood including carriage of material in all leads and lifts.	100.80 Rmt.			Per Running Metre	
8	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.(i) 1.5 mm Thick	33.48 Sqm.			Per Square Metre	
9	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts (i) 100 mm	34.00 No			Each	
10	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(i) 250x16mm	2.00 No			Each	

11	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 :(i) 150x10mm	6.00	No			Each	
12	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 :(i) 100mm	10.00	No			Each	
13	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete. including carriage of materials in all leads and lifts.	26.00	No.			Each	
14	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.	93.62	Sqm			Per Square Metre	
15	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.	109.36	Sqm			Per square metre	
16	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	109.36	Sqm			Per square metre	
17	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50metres lead:- For thickness of tiles 25mm to 40 mm.	15.74	Sqm			Per Square Metre	
18	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	18.15	Sqm			Per square metre	
19	Marble stone flooring with 18 mm thick marble stone, as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry, including rubbing and polishing complete with :including carriage of materials within all leads and lifts (i) Udaipur green marble	1.31	Sqm			Per Square Metre	
20	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid including carriage of materials within all leads and lifts.	1.00	No.			Each	

21	Providing and fixing wash basin with C.I. brackets, 15mm C.P. brass pillar taps, 32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15mm C.P. brass pillar taps complete including carriage of materials within all leads and lifts.	1.00	No			Each	
22	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required Kitchen sink without drain board (i) 470x420 mm bowl depth 178 mm	1.00	No			Each	
23	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete including carriage of materials within all leads and lifts. (i) 32mm Dia	2.00	No.			Each	
24	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. (i) 20 mm nominal outer dia Pipes	5.90	Rmt			Per running meter	
25	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : including carriage of materials within all leads and lifts. (i) 15 mm Nominal bore	4.00	No.			Each	
26	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 including carriage of materials within all leads and lifts. (i) 15 mm Nominal bore	4.00	No.			Each	
27	Providing and fixing uplasticed PVC connection pipe with brass unions including carriage of materials within all leads and lifts. (a) 30 Cm. Long (i) 15 mm Nominal bore	4.00	No.			Each	
28	Providing and fixing CP. towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms. including carriage of materials within all leads and lifts.	2.00	No.			Each	
29	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete including carriage of materials within all leads and lifts complete	1.00	No.			Each	
30	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers including carriage of materials within all leads and lifts.	1.00	Nos.			Each	
31	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.	4.00	No.			Each	
32	Distemping 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 : (i) Old work (one or more coats)	80.16	Sqm			Per Square Metre	

33	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials within all leads and lifts.	40.08 Sqm	Per Square Metre
34	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.	40.08 Sqm	Per Square Metre
35	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.	31.01 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.

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

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E.E. III

SCHEDULE OF QUANTITY

Name of work: -A/R & M/O to Non residential Building under Shimla Division No.III Shimla(SH):- Painting with Plastic emulsion in general toilet , Ground floor to Fourth Floor in Block -B Engineer-in- Chief office Room G-10 Room in Block -B Room No.416, Fourth floor -D (EE. Design . NH.)					Estimated Cost: -Rs.111837/- only Earnest Money : Rs.2300/-Only Time - One Month		
S.No.	Sub head and items of work	Qty.	Rate	In figure	In words	Unit	Amount
1	2	3					67
1	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.including carriage of materials within all leads and lifts.	452.66	Sqm			Per Square Metre	
2	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.	452.66	Sqm			Per Square Metre	
3	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.	905.31	Sqm			Per Square Metre	
4	Polishing with Malamine polish including carriage of materials within all leads and lifts.(i) Two or more coats on new works including a coat of wood filler	90.09	Sqm			Per Square Metre	
5	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.	70.68	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.

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

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E.E. III

SCHEDULE OF QUANTITY

Estimated cost:- 170435.00
Earnest Money:- 3574.00
Time :- One Month.

k:- A/R amd M/O various residential buildings under division no. III Shimla. (SH:-Repair of Cupboards ,repair of shutters, and other miscellaneous repair k-1 set No 18,19 at Yates Place-1 at Benmore section)

Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
		In Figures.	In Words		
2	3	4	5	6	
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.	0.013			Per cubic metre	
Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws including all leads and lifts and as directed by the Engineer-in-Charge. : 35mm thick shutters deodar wood.	1.37			Per square metre.	
Providing and fixing 6mm thick ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately including complete including carriage of material in all leads and lifts	10.00			Per square metre	
Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm all complete. With 2nd class deodar wood beading 40X12 mm.	0.99			Per square metre.	
Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 150x10 mm	2.00			Each	
100x10mm	22.00			Each	
Providing and fixing aluminium handle ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : (i) 125mm	2.00			Each	
Providing and fixing 100mm size bright finished brass handles with screws etc. complete	60.00			Each	
Providing and fixing of materials within all leads and lifts.					
Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete. Double strip (horizontal type)	79.00			Each	
Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer- in-charge. completed within all leads, lifts of materials and other incidentals.	4.00			Each/pair	
Providing and fixing 19mm thick Commercial Board shutters for cup boards i/c fixing with nickel plated piano hinges with screws etc complete) inclding carriage of materials within all leads and lifts.	27.55			Per Square metre	
Providing and fixing 19 mm thick commercial board proof in shelves, lining, box for cup boards with butt joints fixed with nails and screws etc complete. including carriage of material in all leads and lifts	30.30			Per Square metre	
Providing and fixing 0.80mm 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.	55.88			Per Square metre	
Providing and fixing square edged cover fillets (beading) 19 x 6 mm section including mitring at all junction with wooden screws / nails etc complete of hard wood including carriage of material in all leads and lifts.	97.58			Per running metre.	

Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre. including carriage of materials within all leads and lifts.	84.06	Sqm		Per square metre.
Painting wood work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture.	84.06	Sqm		Per square metre.
Melamine polishing on wood work (one or more coat).cluding carriage of materials within all leads and lifts.	11.44	Sqm.		Per square metre
Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	48.71	Sqm.		Per square metre
Providing and fixing powder coated curtain rod 25mm dia with brackets and required number of curtain rings with screws etc. complete including carriage of material within all leads and lifts and as per the direction of the Engineer-in-Charge.	21.70	rmtr		Per running metre.
Providing and fixing Acrylic shelf with C.P. brass bracket and guard rail complete, fixed to latch Rail with C.P. brass screws including carriage of materials within all leads and lifts :-	1.00	No		Each
				Total

CONDITION

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

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

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E.E. III

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 234952.00
 Earnest Money Rs. :- 4700.00
 Time :- One Month.

Name of work: - Special Repair to Armsdale Building at HP Secretariat Shimla-2. (SH: - Providing and fixing Vent for Exhaust in Armsdale Building Phase-II Toilets.)

SI. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing anodised aluminium work for door, window, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS 1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with rawplugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/ neoprene felt etc. Aluminium sections shall be smooth, rustfree, straight, mitred and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/panelling C.P. brass/ stainless steel screws. All complete as per architectural drawings and the directions of Engineer-In-Charge:- (i) For doors windows and ventilators and glazed partitions frames including carriage of material within all leads and lifts.	378.00 Kgs			Per Kilogramme.	
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge:- Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix).	12.32 Cum			Per Cubic Metre	
3	Providing and fixing fancy type Curtain rod 25mm dia and 1.66mm thick (confirming to bureu of India standard) in single/ specified length with out any joint and fitting complete as per H.P.P.W.D. specifications in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	22.40 Rmt			Per Running metre	
4	Providing and fixing Curtain brackets complete including carriage of materials in all leads and lifts.	14.00 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.	6.00 No.			Each	
	Conditions:-					
	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 conform to bureau of indian standards					
					Total	

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 E.E. III

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

SCHEDULE OF QUANTITY

Estimated cost:- 141643.00
 Earnest Money:- 2830.00
 Time :- One Month.
 of work:- A/R amd M/O various residential buildings under division no. III Shimla. (SH:-Providing and Fixing M.S Railing in boundary wall at Benmore on).

NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	2 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.	3	4	5	6	
	Providing and laying cement concrete 1:2:4 (1 cement:2 sand :4 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work including carriage of materials in all leads and lifts in foundation and plinth.	1273.08	Kg		Per/Kilogram me	
	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. including carriage of materials within all leads and lifts.	1.44	cum		per cubic metre	
	Painting Steel work with Deluxe Multi Surface Paint to give an even shade one or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture. including carriage of materials within all leads and lifts.	46.00	Sqm.		Per square metre.	
		186.00	Sqm.		Per square metre.	
					Total	

CONDITION

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

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

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