

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

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

11949

Dated:- 4-9-21

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 13-09-2021 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 10-09-2021 and the application for issue of tender form shall be received up to 4.00 P.M. on 09-09-2021.

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 90 days.

Sr. No	Name of work	Estimated Cost	Earnest money	Time	Form No	Cost of form
1	S/R to DDUZ Hospital building at Shimla. (SH:- Providing & Fixing wood work, flooring, polishing, painting & repair of stair case leading to EYE (OT) polishing in CMO and M.S. office) at DDU Hospital Shimla.	Rs.2,74,892/-	Rs.5500/-	One Month	6&8	350/-
2	Stock storage of Shimla Division No.III HPPWD Shimla for the year 2021-22 (SH:- Loading and unloading of cement, CGI/PGI sheets, Tor steel, Bitumen and other misc. items).	Rs.4,91,660/-	Rs.9850/-	One Month	6&8	350/-
3	Installation of Oxygen generation plant near old parking DDUZ Hospital Shimla.(SH:- Providing & laying flooring & G.I. link fabric fencing for PSA oxygen generation plant).	Rs.4,98,855/-	Rs.10000/-	One Month	6&8	350/-
4	Special repair to various residential buildings under division No.III Shimla.(SH:- Providing and fixing dura wipe foot matt, foam sheet with tapestry cloth in Benmore section).	Rs.2,10,500/-	Rs.4210/-	One Month	6&8	350/-
5	Improvement of road from Navbharat to Ritz Cinema Km. 0/00 to 3/510 (SH:- Construction of retaining wall at RD1/776 to 1/780 etc).	Rs.1,29,973/-	Rs.2600/-	One Month	6&8	350/-
6	Special repair to State Museum building at Chaura Maidan Shimla-4 (SH:- Providing and fixing I/c G.I. fittings etc).	Rs.1,47,052/-	Rs.2950/-	One Month	6&8	350/-
7	Widening and improvement of junction at Sanjauli Chowk Shimla under Shimla Smart City Project. (SH:- geological investigation of soil / strata).	Rs.2,04,000/-	Rs.4080/-	One Month	6&8	350/-
8	Special repair of Armsdale building at H.P Secretariat Chotta Shimla. (SH:- Balance work of providing and fixing wooden paneling, flooring and toilet fitting in room No. A-429 etc).	Rs.2,14,852/-	Rs.4300/-	One Month	6&8	350/-
9	Special repair to various various residential buildings under division No. III Shimla. (SH:- Providing and fixing sofa cover, curtains, satty cover and foot matt etc. in Minister House No. 6 at Benmore Section Shimla.	Rs.1,46,442/-	Rs.2930/-	One Month	6&8	350/-
10	A/R & M/O to various residential buildings under division No.III Shimla. (SH:- C/O new manhole chambers, laying of sewerlin, stone soling & cement concrete etc in block NO. 35 club cottage & block 30 & 24 at U.S Club Shimla.	Rs.1,46,053/-	Rs.2900/-	One Month	6&8	350/-
11	A/R & M/O to various residential buildings under division No.III Shimla. (SH:- Repair of tile work, marble work, PVC flooring, shuttering ply flooring repair of plaster and other misc. repair work in block-2 set No.12 at U.S Club Shimla.	Rs.1,84,490/-	Rs.3700/-	One Month	6&8	350/-
12	Special repair to Armsdale building at HP Secretariat Chotta Shimla. (SH:- Balance work of providing and fixing wooden paneling, flooring and toilet fitting in room No. A-220 etc).	Rs.1,89,569/-	Rs.3800/-	One Month	6&8	350/-
13	Special repair to Armsdale building at HP Secretariat Shimla-2.(SH:- Providing and fixing PVC flooring, painting and polishing in front side of library at Armsdale building).	Rs.2,62,031/-	Rs.5250/-	One Month	6&8	350/-
14	Special repair to Ellerslie main building at H.P Secretariat Chotta Shimla. (SH:- Construction of edge / retaining wall below record room in back side of PWD store and Providing and fixing M.S. jafari in boundary etc).	Rs.3,82,022/-	Rs.7650/-	One Month	6&8	350/-

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

Terms & Conditions:-

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

Executive Engineer,
Shimla Division No-III,
HP.PWD.Shimla-3.
Dated:- 4-9-21

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

11950-60

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 07 January,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 alongwith 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.

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

Signature

SCHEDULE OF QUANTITY

(3)

Estimated cost:-
Earnest Money:-
Time :-

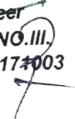
498855.00
10000.00
One Month

Name of work:-Installation of Oxygen generation plant near Old Parking DDUZ Hospital Shimla. (SH:-Providing & laying flooring & G.I. link fabric fencing for PSA Oxygen generation plant)

SI. NO.	Description	Qty.	Rate		Unit.	Amount
			In Figures.	In Words		
1	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required including carriage of materials within all leads and lifts.	234.55 Sqm			Per square meter	
2	Providing and fixing 15 cm wide, 45 cm overall semicircular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete 0.80 mm thick with zinc coating not less than 275 gm/m ² including carriage of materials within all leads and lifts.	35.00 Rmt			Per running meter	
3	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, Single socketed pipes.-110 mm diameter including carriage of materials within all leads and lifts.	63.00 Rmt			Per running meter	
4	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge All works upto plinth level including carriage of materials within all leads and lifts.	24.07 Cum			Per cubic meter	
5	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge including carriage of materials within all leads and lifts.	1.10 Cum			Per cubic meter	
6	Demolishing brick tile covering in terracing including stacking of serviceable material and disposal of unserviceable material within all leads & lifts including carriage of materials within all leads and lifts.	50.00 Sqm			Per square meter	
7	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 25x25 mm made of G.I. wire of dia 3 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge.including carriage of materials within all leads and lifts.	29.80 Sqm			Per square meter	
						Total:-

CONDITION:-

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

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


SCHEDULE OF QUANTITY

(9)

Estimated cost:- 210500.00

Earnest Money:- 4210.00

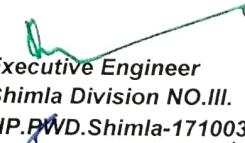
Time :- One Month.

Name of Work:- Special repair to various residential buildings under division no III Shimla.(SH:-Providing and Fixing Dura wipe foot matt,foam sheet with tapestry cloth in Benmore section.

SI. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Supplying and placing at site grass foot matt carpet material of size superior quality heavy quality and approved shade and design complete in all respect in all respect as per the direction of Engineer-in- charge including carriage of material in all leads and lifts.	66.72	No.		Each	
2	Supplying and fixing at sitesafety foam sheet heavy quality foam with tapstry cloth cover cushion 32D foam of size 16"x30"x3" including carriage of material with in all leads and lifts	10.00	No.		Each	
3	Supplying and fixing at site foam sheet with heavey quality tapsterry cloth cover including carriage of materials within all leads and lifts.	1.00	No.		Each	
4	Providing and Placing at site tuffed foot matt of heavy quality including carriage of materials within all leads and lifts.	4.00	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


 Executive Engineer
 Shimla Division NO.III.
 HP.PWD.Shimla-171003
[Signature]

SCHEDULE OF QUANTITY

(5)

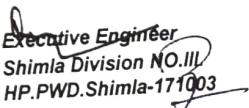
Estimated Cost Rs. :- 129973.00
 Earnest Money Rs. :- 2600.00
 Time :- One Month.

Name of work:-Improvement of road from Navbahar to Ritz Cinema Km. 0/00 to 3/510 (SH:-Construction of retaining wall at RD. 1/776 to 1/780 etc)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
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 transporation, the disposal of unserviceable materials will be done in acquired width of the road or on approved dumping site.	12.80 Cum			Per Cubic meter	
2	Excavation in earth work in all kinds of soils including spade work, saturated soil, pick work, jumper work, blasting and chiselling / wedging out rock etc. and pumping or bailing out water including dressing of side and beds and stacking of serviceable materials and disposal of surplus earth in all leads and disposed earth to the levelled and neatly dressed.	3.84 Cum			Per Cubic meter	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:5:10 (1 cement : 5 coarse sand): 10 graded stone aggregate 40 mm nominal size) including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	1.92 Cum			Per Cubic 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 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size) including carriage of materials within all leads and lifts.	19.92 Cum			Per cubic meter.	
5	Random rubble masonry with hard stone in superstructure above plinth level and upto floor five level including leveling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) at window sills, ceiling level and the like Cement mortar 1:6 (1 cement : 6 coarse sand) including carriage of materials within all leads and lifts.	8.40 Cum			Per running metre.	
6	Providing 110mm dia diameterwee poly Vinyl chloride pipe weep holes in brick masonry/stone masonry, plain/ reinforced concrete abutment, wing wall, return wall and retaining/breast walls etc. extending through the full width of the structure with slope of 1 (V):20 (H) (one vertical is to twenty horizontal) towards drainage face complete as per drawings and MORD technical specifications clause 614, 709, 1204, 3.7 or as directed by the Engineer-in-Charge, including carriage of materials within all leads and lifts.	14.90 Rmt.				
						Total:-

CONDITION:-

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


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

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY

(6)

Estimated Cost Rs. :-

147052.0

Earnest Money Rs. :-

2950.0

Time:-

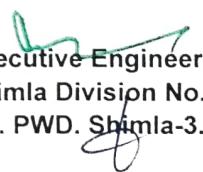
One Month

Name of work:- Special repair to State Museum building at Chaura Maidan Shimla-4 (SH: - Providing and fixing fountain i/c G.I. fittings etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing / installation of heavy geyser foundation with three heavy geyser jets section 1" BSP made of brass nickel plated for heavy and white rubber water effects fitted with 2HP mono submersible electric pump of crompton/ kriloskar make, colour changing lightning system with 3 X 3 wats LED lights with power magnifier lens (including stainless steel light stands for each light) alongwith electric starter suitable for pump and lights complete including all required sanitary fittings 91" size swing joint, PVC pipe 6kgcm2 etc.) and elelectric fittinga as per per the Direction of Engineer-in-Charge including carriage of materials within all leads and lifts.	1.00 No			Each	
2	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc including carriage of materials within all leads and lifts:-(i) 15mm nominal bore.	62.20 Rmt.			Per running metre.	
(ii)	100mm dia nominal bore	13.50 Rmt.			Per running metre.	
3	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) including carriage of materials within all leads and lifts:-(i) 15mm nominal bore.	2.00 No			Each	
(ii)	100mm dia nominal bore	1.00 No			Each	
Conditions:-						Total

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

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



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

SCHEDULE OF QUANTITY

7

Name of work:- Widening and Improvement of Junction at Sanjauli Chowk Shimla under Shimla Smart City Project (SH - Geological investigation of soil / strata)

Estimated Cost Rs 204000.00
Earnest Money Rs 4080.00

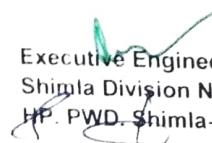
Time One Month

Sl. No	Items of work	Quantity	Rate	Unit	Amount
		In figures	In words		Per running meter
1	Job soil investigation in all type of soil / strata by drilling bore holes of dia size 127 mm diameter ranging from 0.5 to 1.00 m in depth for investigation of soil and rock content in the site of work including metallization and de-metallization. Shifting of machinery to the 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 direction of Engineer in Charge including carriage of material within all loads and lifts.	0.00 Rmt			

Conditions:

1. Identification of the site and its boundaries, preparation of site for work.

Total


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

SCHEDULE OF QUANTITY

(8)

Estimated Cost Rs. :- 214852.00
Earnest Money Rs. :- 4300.00
Time:- One Month.

Name of work: - Special Repair to Armsdale Building at HP Secretariat Chotta Shimla. (SH: - Balance work of providing and fixing Wooden Paneling, Flooring and Toilet fitting in Room No. A-429 etc.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc complete including carriage of materials in all leads and lifts.	11.48 Sqm			Per square metre.	
2	Providing and fixing 19mm thick Commercial Board shutters for Cup boards i/c fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts.	2.62 Sqm			Per square metre.	
3	Providing and fixing 4.00mm thick teak ply of standard quality ISI mark and approved shade and colour in lining including fixing with nails, screws etc. complete including carriage of material within all leads and lifts as per the direction of Engineer-in-charge.	2.62 Sqm.			Per square metre.	
4	Providing and fixing HDF decorative laminate core board German flooring AC4 class 32, 7mm thick placed over cushion of 2mm thick expended polethene foam plus 100 Microne thick polethene sheet under lay No. 045 Beech West including border of required shade and colour complete in all respect upto all floor levels as per direction of Engineer in charge including carriage of material in all leads and lifts.	55.89 Sqm			Per square metre.	
5	Providing and laying granite stone in flooring 25mm (average) thickness base of cement mortar 1:3 (1cement: 3 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c rubbing and polishing complete including carriage of materials in all leads and lifts in 25mm thick.	0.90 Sqm			Per square metre.	
6	Applying one or more coat of paint based putty made of whitting and POP etc. mixed in required quantity of white enamel paint for application of wood based products after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	210.97 Sqm			Per square metre	
7	Polishing two or more coats with malamine polish of required shade on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts and as per the direction of the Engineer-in-Charge.	210.97 Sqm			Per square metre.	
8	Distempering (two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth. Priming coat with distemper primer including carriage of materials within all leads and lifts.	48.41 Sqm			Per square metre.	
9	Providing and fixing viterous China wash down water closet (European type W.C. pan) with intergal P or S trap along with seat cover including jointing the trap with soil pipe in cement mortar 1 : 1 (1 cement : 1 sand) including carriage of materials within all leads and lifts :- Complete set of solo single piece Cat No. CMS-WHT-10385152205PP.	1.00 No.			Each	
10	Providing and fixing 550mm X 400mm Flat back viterous China Hind ware or equivalent wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fitting complete:- Hindware cat No. 10040 complete set with pedestal Cat No. 11003 (star white) including carriage of materials within all leads and lifts.	1.00 No			Each	

11	Providing and fixing 15mm dia single lever basin mixer with out popup waste with 450mm long braided hoses including connection fitting in all respect complete including carriage of materials within all leads and lifts:- Jaquar cat No. ORP-CHR-10011BPM.	1.00 No.		Each
12	Providing and fixing 15mm dia C.P. brass Angle cock including carriage of materials within all leads and lifts:-Kohlar Cat No. 80154IN-4-CP.	10.00 No.		Each
13	Providing and fixing Health faucet fitting complete including carriage of materials within all leads and lifts :- ESS ESS C-232C.	1.00 No		Each
14	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C sheet or ply wood sheet and fixed to wooden plugs with C.P. screws and washer including carriage of materials within all leads and lifts.	1.00 No		Each
15	Providing and fixing 32mm dia, PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts.	1.00 No.		Each
16	Providing and fixing 45cms length PVC connection pipe with union including carriage of materials within all leads and lifts :- 15mm nominal bore.	10.00 No.		Each
17	Providing and fixing C.P. brass toilet paper holder of ESS ESS make or equivalent with C.P. brass screws and plugs etc complete including carriage of materials within all leads and lifts :- ESS ESS Cat No. AC-506B.	1.00 No.		Each
18	Providing and fixing 600mm X120mm Acrylic shelf with C.P. guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts :- ESS ESS Trend series AC-607.	3.00 No.		Each
19	Providing and fixing 200ml soap dispenser with C.P. brass brackets fixed to wooden cleats with C.P. brass screws including carriage of materials within all leads and lifts.	1.00 No.		Each
20	Providing and fixing 600mm X 20mm C.P. brass towel rail complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws fitting complete including carriage of materials within all leads and lifts:- ESS ESS AC-101.	1.00 No		Each
21	Providing and fixing 100mm dia chromium plated grating of superior quality for floor, gully or nahani trap including carriage of materials within all leads and lifts.	2.00 No.		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.

SCHEDULE OF QUANTITY

(9)

Estimated cost:- 146442.00

Earnest Money:- 2930.00

Time :- One Month.

Name of Work:- S/R to various various residential buildings under division No. III Shimla. (SH:- Providing and Fixing sofa cover, curtains, satty cover and foot matt etc. in Minister House No.6 at Benmore Section Shimla.

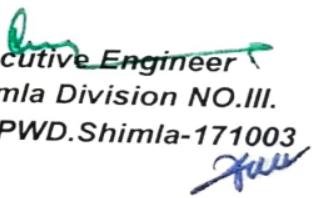
Sub-Head/Item of work.

Sl. No.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Providing and Fixing at site Three seater sofa loose cover blackout supreme of heavy quality cloth of approved brand and standard. complete in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	9.00	No		Each	
2	Providing and Fixing at site Two seater sofa loose cover blackout supreme of heavy quality cloth of approved brand and standard. complete in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	2.00	No		Each	
3	Providing and Fixing at site single seater sofa loose cover blackout supreme of heavy quality cloth of approved brand and standard. complete in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	6.00	No		Each	
4	Providing and Fixing at site Foam setty seat loose cover of size 16"x48"x3". Of tapestry cloth of standard quality .complete in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	2.00	No		Each	
5	Providing and Fixing at site two number Foam setty kitchen of size 7"x28"x4". Of tapestry cloth of standard quality .complete in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	2.00	No		Each	
6	Providing and fixing curtains of superior quality fabrics of home D'Decor of standard of approved design and shade with stain lining of superior quality fabric brand specified length and standard size 2.45 metre including stitching tape and curtains ring etc complete in all respect including carriage of material with in all leads and lifts.	4.00	Nos		Each	
7	Providing and fixing curtains of superior quality fabrics of home D'Decor of standard of approved design and shade with stain lining of superior quality fabric brand specified length and standard size 2.45 metre including stitching tape and curtains ring etc complete in all respect including carriage of material with in all leads and lifts.	5.00	Nos		Each	
8	Providing and Fixing at site Two chair cushion of size 18"x18"x3" of tapestry cloth complete in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	2.00	No		Each	

Providing and Fixing at site green foot matt door of size 4.00'x3.05'complete in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	1.00	No	Each
Providing and Fixing at site satty foam with cover of approved quality and colour. complete in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	2.00	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


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


SCHEDULE OF QUANTITY

148053.1
155500.00

Estimated cost:-

Earnest Money:-

₹900.00

Time :- One Month

Name of Work:- A/R and M/O to various residential buildings under division no.III Shimla. (SH:- C/O new manhole chambers, laying of sewerline, stone soling & cement concrete.etc in Block No. 35 Club cottage & block 30 & 24 at U.S Club Shimla.

SI. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	0.90	Cum		Per Sqmtr metre	
2	Earth work in excavation by 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.	10.03	Cum		Per Sqmtr metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size)	2.99	Cum		Per Sqmtr metre	
4	Providing and fixing in trenches high pressure PVC Finolex (Type-B) spigot and socket, waste and ventilating pipes ISI marked including fitting with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i)150 mm dia.	34.85	Rmtr		Per Sqmtr metre	
	(ii) 110mm dia.	7.00	Rmtr		Per running metre	
	(iii) 75mm dia.	3.40	Rmtr		Per running metre	
5	Providing and fixing high pressure PVC Finolex off set (45 degree) ISI marked including fixing with approved adhesive etc complete including carriage of materials within all leads and lifts:- (i)150 mm dia.	2.00	No		Each	
	(ii) 110mm dia.	1.00	No		Each	
	(iii) 75mm dia.	3.00	No		Each	
6	Providing and fixing PVC finolex type" B" plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- 150mm dia 110mm dia. 75mm dia.	6.00	No		Each	
		4.00	No		Each	
		6.00	No		Each	
		1.00	No		Each	
7	Providing and fixing PVC finolex' plain double equal branch ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:-150mm dia	1.00	No		Each	
8	Providing and fixing PVC finolex' collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:-150mm dia	1.00	No		Each	

Stone soling with kharanja stone including filling the voids with stone spalls and ramming etc. complete as per the direction of Engineer-in-charge complete including ramming, watering and consolidating upto all leads and lifts.	2.66	Cum.		Each
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)	7.12	Cum		Per running meter
Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :Inside size 80x80 cm and 50 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 80cmx80 cm and 50 cm deep.	4.00	No		Each
2 Disposal of surplus excavated earth by Mechanical with in all leads on approved dumping site of M.C Shimla or otherwise including payment of prescribed charges of dumping to the owner of dumping site through all mode of transportation including head load animal load or mechanical means alongwith its leveling and to complete the work of mechanized means and labour (if any required).The dumping site to be arranged by the contractor entirely at his own risk and cost. All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the course of disposal shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respect as per direction of Engineer-in-Charge.	2.73	Sqm.		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

Executive Engineer
Shimla Division NO.III.
HP.PWD.Shimla-171003
[Signature]

SCHEDULE OF QUANTITY

Estimated cost:- 184490.00

Earnest Money - 3700.00

Time - One Month

Name of Work:- A/R and M/O to various residential buildings under division No.III Shimla. (SH:-Repair of Tile work, Marble work, PVC flooring, Shuttering ply flooring repair of plaster and other misellenous repair work in Block-2 Set No. 12 at U.S Club Shimla.

SI. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	2	3	4	5	6	7
1	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete	19.56	Sqmtr		Per Sqmtr metre	
2	15 mm thick pvc/rubber tiles flooring (L.G. Make) plain, coloured, corbed or mosaic or mattied finish, laid with approved adhesive on sub floor damp proofing treetment(to be measured separately)for payment including carriage of materials within all leads and lifts.	46.11	Sqm.		Per Sqmtr metre	
3	Providing and fixing 12mm thick shuttering ply/ water proof ply of standard quality ISI mark and approved shade and colour in panelling & wall linning i/c mitring at junctions, butt jointing and nails complete (Frame work for base to be measured & paid for separately)	46.11	Sqm.		Per Sqmtr metre	
4	Dubbing out an old irregular walls average 10mm thick with Cement mortar 1:6 (1 Cement : 6 Sand) including carriage of materials in all leads and lifts.	14.70	Sqm.		Per Sqmtr metre	
5	Providing and fixing murga jali of wire mesh on wall before plastering with nails etc. complete or as per the direction of engineer-in-charge including carriage of materials within all leads and lifts.	14.70	Sqm.		Per Sqmtr metre	
6	15mm cement plaster in single coat on fair side of brick/concrete/ stone wails for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth. Cement Mortar 1:6	14.70	Sqm		Per Sqmtr metre	
7	Marble work gang saw cut (polished and machine cut) of thickness 18 mm for wall lining (veneer work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement : 3 coarse sand), including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the marble shade (To be secured to the backing by means of cramps, which shall be paid for separately). Raj Nagar Plain white marble/ Udaipur green marble	2.34	Sqm		Per Sqmtr metre	

8	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of material in all leads and lifts.	38.99	Sqm.	Per Sqmtr metre
9	Distempering with 1st quality acrylic distemper, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour	97.49	Sqm.	Per Sqmtr metre
10	Painting pwood work with Deluxe Multi Surface Paint of required shade. One 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 (old work)	162.93	Sqm.	Per Square metre
11	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	12.00	Rmtr	Per running metre
12	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931.. 15 mm nominal bore. including carriage of materials within all leads and lifts	7.00	No	Each
13	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	8.00	No	Each
14	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of pproved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	2.00	No	Each
15	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :	1.00	No	Each
16	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc.complete including carriage of materials within all leads and lifts 110 X 75 mm.	1.00	No	Each
17	Providing and fixing high pressure PVC (Finolex) type-A spigot and socket, waste and ventilating pipes including collar and clamps ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:-(i) 75 mm dia.	9.00	Rmt	Per Running metre.
18	Providing and fixing PVC (finolex) Plain bends 75 mm nomonal size, including carriage of materials within all leads and lifts.	6.00	No.	Each
19	Providing and fixing PVC (finolex) collars 75 mm nomonal size, including carriage of materials within all leads and lifts.	3.00	No.	Each

20	Providing and fixing PVC waste pipe for kitchen sink including carriage of materials within all leads and lifts.	2.00	No.				Each
21	Providing and fixing .PVC. connection pipe with brass union including carriage of materials within all leads and lifts.300/450mm length :-15mm nominal bore.	6.00	No.				Each
22	Providing and fixing 100 mm dia chromium plated grating of superior quality for floor, gully or nahani trap including carriage of materials within all leads and lifts	2.00	No.				Each
23	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.10 litre capacity - White	1.00	No.				Each
24	Providing and fixing jet spray system with flexible tube with nuts complete including carriage of material within all leads and lifts.	1.00	No.				Each
25	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :Kitchen sink with drain board. 610x460 mm bowl depth 200.	1.00	No.				Each
26	Providing wood work in frames of false ceiling, partition etc. sawn and and putup in position including carriage of materials within all leads and lifts Second class Rai wood./Chill wood	0.013	Cum				Per cubic metre

Total:-

- 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


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


SCHEDULE OF QUANTITY

T13
 Estimated Cost Rs. :- 189569.00
 Earnest Money Rs. :- 3800.00
 Time:- One Month.

Name of work: - Special Repair to Armsdale Building at HP Secretariat Chotta Shimla. (SH: - Balance work of providing and fixing Wooden Paneling, Flooring and Toilet fitting in Room No. A-220 etc.)

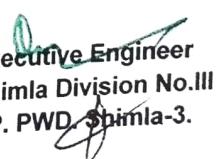
Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc. complete including carriage of materials in all leads and lifts.	6.00 Sqm			Per square metre.	
2	Providing and fixing 19mm thick Commercial Board shutters for Cup boards i/c fixing with nickel plated piano hinges with screws etc. complete including carriage of materials	1.28 Sqm			Per square metre.	
3	Providing and fixing 4.00mm thick teak ply of standard quality ISI mark and approved shade and colour in lining including fixing with nails, screws etc. complete including carriage of material within all leads and lifts as per the direction of Engineer-in-charge.	1.28 Sqm.			Per square metre.	
4	Providing and fixing HDF decorative laminate core board German flooring AC4 class 32, 7mm thick placed over cushion of 2mm thick expended polethene foam plus 100 Microne thick polethene sheet under lay No. 045 Beech West including border of required shade and colour complete in all respect upto all floor levels as per direction of Engineer in charge including carriage of material in all leads and lifts.	55.89 Sqm			Per square metre.	
5	Polishing two or more coats with malamine polish of required shade on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts and as per the direction of the Engineer-in-Charge.	190.05 Sqm			Per square metre.	
6	Distempering (two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth. Priming coat with distemper primer including carriage of materials within all leads and lifts.	48.41 Sqm			Per square metre.	
7	Providing and fixing viterous China wash down water closet (European type W.C. pan) with intergal P or S trap along with seat cover including jointing the trap with soil pipe in cement mortar 1 : 1 (1 cement : 1 sand) including carriage of materials within all leads and lifts :- Complete set of solo single piece Cat No. CMS-WHT-10385152205PP.	1.00 No.			Each	
8	Providing and fixing 550mm X 400mm Flat back viterous China Hind ware or equivalent wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fitting complete:- Hindware cat No. 10040 complete set with pedestal Cat No. 11003 (star white) including carriage of materials within all leads and lifts.	1.00 No			Each	
9	Providing and fixing 15mm dia single lever basin mixer with out popup waste with 450mm long braided hoses including connection fitting in all respect complete including carriage of materials within all leads and lifts:- Jaquar cat No. ORP-CHR-10011BPM.	1.00 No.			Each	

10	Providing and fixing r 15mm dia C.P. brass Angle cock including carriage of materials within all leads and lifts:-Kohlar Cat No. 80154IN-4-CP.	1.00 No.			Each
11	Providing and fixing health faucet fitting complete including carriage of materials within all leads and lifts :- ESS ESS C-232C.	1.00 No			Each
12	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or ply wood sheet and fixed to wooden plugs with C.P. screws and washer including carriage of materials within all leads and lifts.	1.00 No			Each
13	Providing and fixing 32mm dia, PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts.	1.00 No.			Each
14	Providing and fixing 45cms length PVC connection pipe with union including carriage of materials within all leads and lifts :- 15mm nominal bore.	1.00 No.			Each
15	Providing and fixing C.P. brass toilet paper holder of ESS ESS make or equivalent with C.P. brass screws and plugs etc complete including carriage of materials within all leads and lifts :- ESS ESS Cat No. AC-506B.	1.00 No.			Each
16	Providing and fixing 600mm X120mm Acrylic shelf with C.P. guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts :- ESS ESS Trend series AC-607.	2.00 No.			Each
17	Providing and fixing 200ml soap dispenser with C.P. brass brackets fixed to wooden cleats with C.P. brass screws including carriage of materials within all leads and lifts.	1.00 No.			Each
18	Providing and fixing 600mm X 20mm C.P. brass towel rail complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws fitting complete including carriage of materials within all leads and lifts:- ESS ESS AC-101.	1.00 No			Each
19	Providing and fixing 100mm dia chromium plated grating of superior quality for floor, gully or nahani trap including carriage of materials within all leads and lifts.	2.00 No.			Per Running metre.
20	Providing and fixing Curtain rod 25mm dia and 1.66mm thick (confirming to bureau of India standerd) in single length with out any joint complete with finnal for curtains for sides of rod etc. including carriage of material within all leads and lifts:- fency Type curtain Rod.	15.20 Rmt.			Per Running metre.
21	Providing and fixing Curtain brackets etc. fitting complete including carriage of material within all leads and lifts.	18.00 No.			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.

SCHEDULE OF QUANTITY

(B)

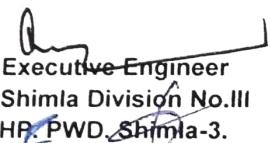
Estimated Cost Rs. :- 262031.00
 Earnest Money Rs. :- 5250.00
 Time:- One Month.

Name of work: - Special Repair to Armsdale Building at HP Secretariat Shimla-2.(SH: - Providing and fixing PVC flooring, Painting and Polishing in front side of Library at Armsdale Building.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing 1.50mm thick PVC / rubber tiles flooring of LG make or equivalent plain, coloured, carbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment (to be measured separately) for payment including carriage of material within all leads and lifts.	179.91 Sqm			Per square metre.	
2	Polishing one or more coats with malamine polish of required shade on prepolished wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts and as per the direction of the Engineer-in-Charge.	462.29 Sqm			Per square metre.	
3	Distempering (one or more coat) with oil bound washable distemper of approved brand and manufature and of required shade, on decorated wall surfaces to give an even shade, after thoroughly brushing the surface clean of all grease, dirt, loose pieces of scales and also including preparing the surface even and sand papered smooth including carriage of materials in all leads and lifts.	101.91 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


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

SCHEDULE OF QUANTITY

14

Estimated Cost Rs. :- 382022.00
Earnest Money Rs. :- 7650.00
Time:- One Month.

Name of work: - Special repair to Ellerslie main building at H.P. Secretariat Chotta Shimla. (SH:- Construction of edge/ Retaining wall below record room in back side of PWD store ans Providing and fixing M.S. Jafari in Boundary etc.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10sqm 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, complete including carriage of material within all leads and lifts.: All kinds of soil.	18.90 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 in 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) complete including carriage of material within all leads and lifts.	3.15 Cum			Per cubic metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20mm nominal size) complete including carriage of material within all leads and lifts.	2.59 Cum			Per cubic metre	
4	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level with Cement mortar 1:6 (1 cement : 6 coarse sand) complete including carriage of material within all leads and lifts.	43.50 Cum			Per cubic metre	
5	Stone filling behind retaining wall per HP.PWD specification 1990 Volume - I and as per direction of the Engineer-in charge.	13.50 Cum			Per square metre.	
6	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	1288.85 Kg.			Per kilogramme	
Conditions:-						Total

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

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


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