Himachal Pradesh
Public Works Department

No. PW-SD-I-CTR- Tender-NIT/2021-22-16806-07 Dated:- 18/11/24

To

The Executive Engineer (IT Cell)
Nigam Vihar Shimla.

Subject :- Publication of Tender Notice.

Jai Hind

Enclosed please find herewith the tender Notice of work as given in the Notice Inviting tender for uploading on department website as per notification Pr. Secy. (PW) to the Govt. of Himachal Pradesh letter No. PBW (B)A(3)1/2020 dated Shimla-2 the 16th July 2021 as the works mentioned in the tender notice are urgent in nature and in public interest.

DA:- Notice Inviting Tender & Schedule of Quantity and Certificate.

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

Copy forwarded to for further necessary action please.

1. The Superintending Engineer 4th Circle HPPWD Shimla .

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

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
NOTICE INVITING TENDERS

Executive Engineer B&R Division No-I HPPWD Shimla for the following works on behalf of the Government of Himachal Pradesh from the eligible contractors enlisted in HPPWD, so as to reach in the office as per time schedule given below:-

5. **Date of receipt of application for tender forms:-** **29-11-2021 upto 4:00 PM**
6. **Dated of Issue /sale of tender forms:-** **30-11-2021 upto 4:00 PM**
7. **Date of receipt of tender:-** **01-12-2021.up to 10:30 AM**
8. **Date of opening of tender:-** **01-12-2021 up to 11:00 AM**

Sr. No.	Name of Work	Estimated cost	EMD(Rs.)	Cost of Tender (Rs.)	Time Limit	Eligible class of Contractor
1	Providing and fixing Rolling Shutter after demolition of Brick wall in First floor at Regional Ayurvedic hospital Chotta Shimla-2	22415/-	500/-	350/-	30 days	Class-D
2	Special repair to various residence quarters under Kasumpti Sub-Division No.VIII Shimla-9 (SH;- Providing and fixing Cushions in Type-VI set No.1 at Kasumpti Shimla-9).	32275/-	700/-	350/-	30 days	Class-D
3	S/R to type-VI set No.3 at Kasumpti Shimla-9 (SH;- Providing and fixing of curtain in type-I set No.3 at Kasumpti Shimla-9).	90000/-	1800/-	350/-	60 days	Class-D
4	A/R & M/O to various Residential Buildings at Kasumpti Shimla (SH:- Providing and fixing cup board and minor repair in Type-II set No.19,20,21,22,23 and 24).	322621/-	6500/-	350/-	60 days	Class-D
5	A/R & M/O to various Residential Building at Brock Hurst Shimla (SH:- Providing and fixing cup board in House no.2 ,first floor at Brock Hurst).	334005/-	6700/-	350/-	60 days	Class-D
6	A/R & M/O water storage tank for Type-I to VI Mehli Kasumpti (SH;- P/F PVC water storage tank 1000Ltr capacity Type-III Qtrs 1 to 8 at Mehli Kasumpti).	99910/-	2000/-	350/-	30 days	Class-D
7	Repair & maintenance of Mashobra to Bhakhelty road km. 0/00 to 18/360 (SH;- Providing and Laying G-III in km. 6/00 to 8/00).	422838/-	8500/-	350/-	30 days	Class-D
8	Improvement & widening of link road Baldain to Dharmpur road km. 0/00 to 10/00 (SH;- C/O Retaining wall at Rd. 1/765 to 1/770).	98242/-	2000/--	350/-	60 days	Class-D
9	Improvement & widening of link road from Talai to Dena km. 0/00 to 5/225 (SH:- C/O Retaining wall at Rd. 0/615 to 0/627).	316834/-	6400/-	350/-	60 days	Class-D
10	Improvement and widening of Elysium to Devidhar road km. 0/00 to 16/300 (SH;- C/O Retaining wall at RD. 6/160 to 6/169.50).	476921/-	9600/-	350/-	60 days	Class-D
11	A/R & M/O to Cottage No.6 at Brock Hurst Shimla-2 (SH:- Renovation of w.C Bath kitchen, Vitrified tiles flooring in Ground floor room and PVC flooring in first floor room and minor repair work in cottage No.6 at Brock Hurst Shimla-2).	399249/-	8000/-	350/-	60 days	Class-D
12	Construction of Narigea Bridge to Jagher road km. 0/00 to 1/660 (SH;- C/O RCC Hume pipe Culvert at Rd. 1/105 with both side wing wall).	358103/-	7200/-	350/-	60 days	Class-D
13	/R & M/O to type-V set No.2 PHC Mehli Kasumpti Shimla-9 (SH:- Repair of toilet painting, Distempering and floor tile etc in type-V set no.2 at PHC Mehli Kasumpti Shimla-9)(Deposit work).	327022/-	6600/-	350/-	60 days	Class-D
14	A/R & M/O to various residential Qtrs Type-III at Kasumpti Shimla-9 (SH;- Providing and laying PVC flooring in Type-III set No.9,11,& 125 at Kasumpti Shimla-9).	89893/-	1800/-	350/-	30 days	Class-D

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

1. The valid enlistment/Registration of contractor in Appropriate Class.
2. Permanent account No. (PAN NO).
3. G.S.T No.
4. Earnest Money in the shape of National saving certificate/time deposit account in the any of the post office in HP. F.D.R from any Nationalized Bank duly pleaded in favour of the Executive Engineer Shimla Division No-I HPPWD Shimla.
5. The earnest & cost of tender form for the above works should be submitted with the application for the purchase of the tender form . The application received without earnest money & cost of tender form shall summarily be rejected.
6. The officer of the tender shall remain valid up to 75 days after the opening of tender.
7. Ambiguous/telephonic /conditional tenders or tender by fax/E mail shall not be considered and will be summarily be rejected.
8. Executive Engineer reserve the right to reject or cancel any or all tenders without assigning any reasons.
9. If the date given above happens to be holiday the same shall be processed on next working day.

10. The Contractor/firms must quote their rates in words as well as in figures failing which EXN reserve the right to accept/reject any or all tenders.
11. The tender forms shall not be issued to those contractors/firms whose previous performance is not found satisfactory and who have not executed the previous awarded works within the stipulated period of completion.
12. One contractor shall not have more than two major works in hand at a time.
13. Work should be completed by the contractor within stipulated period.

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

No.PW-SD-I/CB-Tender/21-22- 16808-21
Dated :- 18-11-2021

Copy forwarded to :-

1. **Copy to the Deputy Commissioner Shimla Distt. Shimla.**
2. **Copy to the Executive Engineer Shimla Division No-III HPPWD Shimla.**
3. **Copy to the Sub Divisional Magistrate (U) Shimla.**
4. **Copy to the Sub Divisional Magistrate (R) Shimla.**
5. **Copy to Municipal committee Shimla Distt. Shimla.**
6. **Copy to Block Development officer Mashobra Dsitt. Shimla.**
7. **All the Assistant Engineers under this Division, HPPWD Shimla-3.**
8. **Superintendent / HDM /DAO.**
9. **Notice Board.**

Executive Engineer,
Shimla Division No-I.,
HPPWD.,Shimla.

DNIT SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3. | **Estimated Cost:-22,415.00**

Name of Work :- Providing and fixing Rolling shutter after demolition of Brick wall in First floor at Regional Ayurvedic hospital Chotta Shimla-2. | **Earnest Money :- 500.00**

Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 (fifty)metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Nominal concrete 1:3:6(One cement :three sand: six graded stone aggregte) (one or richer mix (i/c equivalent design mix).	0.05	Cum				00
2	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 (fifty)metres lead as per direction of Engineer - in- charge.	0.12	Cum				00
3	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50(fifty) metres lead as per direction of Engineer-in-charge. (i) In cement mortar.	1.09	Cum				.00
4	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	1.26	Cum				00
5	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5(seven point five) in superstructure above plinth level up to floor V level in all shapes and sizes in.(i) Cement mortar 1:4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.09	Cum				00
6	15mm Cement plaster in single coat on the rough side of brick/ concrete/stone walls for interior plastering upto floor two level including arrises,internal rounded angles,chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)Cement Mortar 1:4 (1Cement:4 Sand).	3.24	Sqm				0
7	Centering and shuttering including strutting, propping etc. amd removal of form work for including carriage of materials in all leads and lifts as per directions of 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.	1.26	Sqm				0

8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 1:3:6(1cement: three coarse sand):six graded stone aggregate 20mm (twenty milimetre) nominal size.	1.01	Cum	.00
9	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of dequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters. (i)80x0.90 mm M.S. laths with 0.90 mm thick top cover.	5.18	Sqm	0
				00

DN, Vice

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					**Estimated Cost:-32,275.00**	
Name of Work :- Special repair to various residence quarters under Kasumpti Sub-Division No.VIII Shimla-9 (SH: Providing and fixing Cushions in Type-VI set No.1 at Kasumpti Shimla-9).					**Earnest Money :- 700.00**	
					Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate	Unit	Amount
				In figures / In words		
1	Supplying and fixing sleep well Cushion 96"x27"x6" with cover of D-Décor cloth of approved design & shade including stiching with zip complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each	
2	Supplying and fixing sleep well Cushion 60"x27"x6" with cover of D-Décor cloth of approved design & shade including stiching with zip complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each	
3	Supplying and fixing of footmat of duratuff quality of specified size and shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each	
					Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3. | **Estimated Cost:- 90,000.00**

Name of Work :- S/R to type-VI set No.3 at Kasumpti Shimla-9 (SH: Providing and fixing of curtain in type-VI set No.3 at Kasumpti Shimla-9). | **Earnest Money :- 1,800.00** | **Time:- 60 Days.**

Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing curtain cloth stiching 8 Nos. steel eylod dazzlebream make cloth fabric and polister lining cloth 10 cm top fold and 20cm bottom flod cloth different shade and colours of following sizes including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Curtain 2 Mtr to 2.30 Mtr. height.	28.00	Nos			Each	
	(ii) Curtain 1.5 mtr. to 1.80 mtr. height.	5.00	Nos			Each	
2	Providing and fixing printed net cloth DD home Décor cloth with tape stiching with lining cloth and tassel different shade and colours of following sizes including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Curtain 1.8 Mtr. to 2.10 Mtr. height	3.00	Nos			Each	
	(ii) Curtain 1.5mtr. to 1.80 mtr. height	9.00	Nos			Each	
						Total	

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

ESTIMATED COST:Rs 3,22,621/--only
EARNEST MONEY :Rs. 6,500/-only.
TIME ALLOWED : Two month

SCHEDULE OF QUANTITIES

NAME OF WORK: A/R & M/O to Various Residential Buildings at Kasumpti Shimla (SH:Providing and fixing Cup boards and Minor repair in Type-II Set No. 19,20,21,22,23 and 24)

Sr. No.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	90.00	Sqm			Per Square Metre	
2	Providing and fixing 19mm thick commercial board water proof shutters for up boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	70.00	Sqm			Per Square Metre	
3	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	70.00	Sqm			Per Square Metre	
4	Providing and fixing ply wood lining/ flooring with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 6mm thick	30.00	Sqm			Per Square Metre	
5	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 75mm	90.00	Nos			Each	
6	Providing and fixing square edged cover fillets (Beading) 19mm x 6mm section lining including mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Ist ClassDeodar wood.	52.72	Rmt			Per Running Metre	
						Total	

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

SCHEDULE OF QUANTITIES

ESTIMATED COST:Rs 3,34,005-only
EARNEST MONEY :Rs. 6,700/-only.
TIME ALLOWED : Two month

NAME OF WORK: A/R & M/O to Various Residential Buildings at Brock Hurst Shimla (SH:Providing and fixing Cup Board in House No-2 , first Floor at Brock Hurst)

Sr. No.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	40.77	Sqm			Per Square Metre	
2	Providing and fixing 19mm thick commercial board water proof shutters for up boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	30.00	Sqm			Per Square Metre	
3	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	30.00	Sqm			Per Square Metre	
4	Providing and laying granite stone in flooring 20mm(average)thickness base of cement mortar 1:3(1cement: 3 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c rubbing and polishing complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. 20mm.thick	35.00	Sqm			Per Square Metre	
5	Providing and fixing ply wood lining/ flooring with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 6mm thick	20.00	Sqm			Per Square Metre	
5	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 75mm	90.00	Nos			Each	
						Total	

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

ESTIMATED COST:Rs. 99,910/-only
EARNEST MONEY :Rs. 2.000/-only.
TIME ALLOWED : One Months.

SCHEDULE OF QUANTITIES

NAME OF WORK: A/R & M/O water storage tank for Type-I to VI Mehli Kasumpti (SH: P/F Pvc water storage tank 1000Ltrs capacity Type-III Qtrs 1 to 8 at Mehli Kasumpti).

Sr. No.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Providing and fixing PVC water storage tank of ISI : 12701 marked,G.I. inlet and outlet connection, 15mm nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting upto a height of 10 metres above ground level including carriage of mateirals in all leads and lifts as per directions of the Engineer-in-Charge i)1000 litres net capacity tank	9.00	Nos			Each	
2	Providing and laying in trenches, galvanised mild steel tubes (medium grade), tube fittings (earth work in trenches to be measured and paid separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a)15mm nominal bore	14.50	Rmt			Per Running Metre	
3	Providing and fixing G.I./M.I Union of following sizes (where not included in the items including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a)15mm nominal bore	9.00	Nos			Each	
4	Providing and fixing brass full way valve with wheel including carriage of materials within all leads and lifts by all means & other incidentals. i)15mm (fifteen milimetre) nominal bore	9.00	nos.			Each	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.	Estimated Cost:-4,22,838 .00
Name of Work :- Repair & Maintenace of Mashobra to Bhakhelty road Km 0/00 to 18/360 (SH:- Providing and Laying G-III in Km 6/000 to 8/000).	Earnest Money :-8,500.00
	Time:- 30 Days.

Sr.No.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
3	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading -3 as per Technical Specification Clause 405.including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. **(By Mechanical Means)**	180.00	Cum			Per Cubic Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.	Estimated Cost:- 98,242.00
Name of Work :- Improvement & widening of link road Baldain to Dharampur road Km. 0/00 to 10/00 (SH: C/O Retaining Wall at RD. 1/765 to 1/770)	Earnest Money :- 2,000.00
	Time:- 60 Days.

Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm (Thirty centimetre) in depth, 1.5 m (One point five metre) in width as well as 10 sqm (ten Square Metre) on plan) including getting out and disposal of excavated earth all lead and lift as directed by Engineer-in-charge and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour (if required) Any loss to the public and private propriety, human being, machinery during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges. (i)All kinds of soil	6.60	Cum			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 (One point five metre) in width or 10 sqm (ten Square Metre)on plan) in all kinds of soil. including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be dully compensated by him at his on cost in all cases. including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	2.61	Cum			Per Cubic Metre	

3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Cement Mortar 1:6:12(1cement:6sand:12graded stone agg.40mm nominal size).	2.61	Cum			Per Cubic Metre	
4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Cement Mortar 1:4:8(1cement:4sand:8graded stone agg.20mm nominal size).	16.11	Cum			Per Cubic Metre	
5	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 as per directions of the Engineer-in-Charge. (i)Granular material	2.03	Cum			Per Cubic Metre	
6	Providing weapholes 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 with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	8.00	Rmt			Per Running Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.	Estimated Cost:- 3,16,834.00
Name of Work :- Improvement & widening of link road from Talai to Dehna Km.0/00 to 5/225 (SH: C/O Retaining Wall at RD. 0/615 to 0/627)	**Earnest Money :- 6,400.00**
	Time:- 60 Days.

Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm (Thirty centimetre) in depth, 1.5 m (One point five metre) in width as well as 10 sqm (ten Square Metre) on plan) including getting out and disposal of excavated earth all lead and lift as directed by Engineer-in-charge and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour (if required) Any loss to the public and private propriety, human being, machinery during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges. (i)All kinds of soil	7.44	Cum			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 (One point five metre) in width or 10 sqm (ten Square Metre)on plan) in all kinds of soil. including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be dully compensated by him at his on cost in all cases. including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	25.00	Cum			Per Cubic Metre	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Cement Mortar 1:6:12(1cement:6sand:12graded stone agg.40mm nominal size).	7.44	Cum			Per Cubic Metre	
4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Cement Mortar 1:4:8(1cement:4sand:8graded stone agg.20mm nominal size).	52.56	Cum			Per Cubic Metre	

5	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 as per directions of the Engineer-in-Charge. (i)Granular material	5.40	Cum			Per Cubic Metre	
6	Providing weapholes 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 with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	24.00	Rmt			Per Running Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.	Estimated Cost:-4,76,921.00
Name of Work :- Improvement and widening of Elysium to Devidhar road Km.0/00 to 16/300 (SH: C/O Retaining wall at RD. 6/160 to 6/169.50)	Earnest Money :- 9,600.00
	Time:- 60 Days.

Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm (Thirty centimetre) in depth, 1.5 m (One point five metre) in width as well as 10 sqm (ten Square Metre) on plan) including getting out and disposal of excavated earth all lead and lift as directed by Engineer-in-charge and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour (if required) Any loss to the public and private propriety, human being, machinery during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges. (i)All kinds of soil	12.54	Cum			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 (One point five metre) in width or 10 sqm (ten Square Metre)on plan) in all kinds of soil. including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be dully compensated by him at his on cost in all cases. including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	53.01	Cum			Per Cubic Metre	

3	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, huttering and finishing including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Chief.(i) 1:5:10 (1 cement : 5 coarse sand) : 10 graded stone aggregate 40 mm nominal size).	82.08	Cum			Per Cubic Metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Granular material	2.19	Cum			Per Cubic Metre	
5	Providing weapholes 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 with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.00	Rmt			Per Running Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3. | **Estimated Cost:- 3,99,249.00**

Name of Work :- A/R & M/O to Cottage No.6 at Brock Hurst Shimla-2 (SH: Renovation of W.C. Bath, Kitchen,Vetrified tiles flooring in Ground floor room and PVC flooring in First floor room and minor work in cottage No.6 at Brock Hurst Shimla-2). | **Earnest Money :- 8,000.00** | **Time:- 60 Days.**

Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Dismantling tiled floors laid in mortar upto all floor level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.(Twenty metres)lead (wooden/concrete joists to be measured and paid for separately)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) For thickness of tiles upto 25mm(Twenty milimetre)	44.01	Sqm			Per Square Metre	
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 (fifty)metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Nominal concrete 1:3:6(One cement :three sand: six graded stone aggregte) (one or richer mix (i/c equivalent design mix).	0.43	Cum			Per Cubic Metre	
3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 (fifty)metres lead as per direction of Engineer - in-charge.	0.18	Cum			Per Cubic Metre	
4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50(fifty) metres lead as per direction of Engineer-in-charge. (i) In cement mortar.	0.14	Cum			Per Cubic Metre	
5	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (I) Of area 3 sq. metres(three square metre) and below	10.00	Nos			Each	
6	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	21.60	Sqm			Per Square Metre	
7	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
8	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50(Fifty) metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.50	Sqm			Per Square Metre	

9	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	2.20	Cum			Per Cubic Metre	
10	Half brick masonry with non modular fly ash bricks of class designation 10, conformingio IS :12894, in super structure above plinth and upto floor V level. (i) Cement mortar 1 : 4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	12.24	Sqm			Per Square Metre	
11	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5(seven point five) in superstructure above plinth level up to floor V level in all shapes and sizes in.(i) Cement mortar 1:4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.41	Cum			Per Cubic Metre	
12	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm(twelve milimetre) thick bed of cement mortar 1:3 (One cement :three coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 8 mm(eight milimetre) thick	37.33	Sqm			Per Square Metre	
13	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm(three hundred into three hundred milimetre) or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm (twenty milimetre)thick cement mortar 1:4 (one Cement: four Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	12.94	Sqm			Per Square Metre	
14	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm (twenty milimetre) thick cement mortar 1:4 (One cement : four coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Size of tile 600x600mm (six hundred into six hundred milimetre)	13.51	Sqm			Per Square Metre	
15	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (medium grade) tube fittings and clamps including making good the wall ceiling and floor including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm(fifteen milimetre) nominal bore.	18.00	Rmt			Per Running Metre	
16	Centering and shuttering including strutting, propping etc. and removal of form for : including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.(i)Shelves (Cast in situ)	0.72	Sqm			Per Square Metre	
17	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Mild steel and Medium Tensile steel bars	5.54	Kg.			Per Kilo-gram	

18	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (One cement : One point five coarse sand) : three raded stone aggregate 20 mm (twenty milimetre) nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.05	Cum			Per Cubic Metre	
19	Providing and fixing polycarbonated transparent sheet 2mm thick in roofing with galvanised J or L hooks bots and nuts with G.I. limpet and bitumen rubber washer complete with all accessories as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.00	Sqm			Per Square Metre	
20	Providing and fixing 1.50mm(One point five zero milimetre) thick PVC antistatic venyl Flooring plain or coloured,carbed or mosaic/metalled finish laid with approved adhesive on sub-floor(damp proofing treatment to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.MAKE LG	50.09	Sqm			Per Square Metre	
21	Providing and fixing non wooven carpet (Unitex) of superior quality in all shade and colour of approved sample having 3.8mm(three point eight milimetre) thickness and 900 grams weight per square meter laid on floor with approved adhasive complete in all respect including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.20	Sqm			Per Square Metre	
22	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 in all leads and lifts as per directions of the Engineer-in-Charge. (i)Sal wood	0.12	Cum			Per Cubic Metre	
23	Provdiing and fixing byson board ceiling of approved quality with butt jointing and wood screws (frame work and cover fillets to be measured and paid for separately)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 9mm thick	14.40	Sqm			Per Square Metre	
24	Providing and fixing plain square edged cover fillets (beading)40mmx12mm (forty milimetre into twelve milimetre) section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.(i) Ist class Indian teak wood.	40.00	Rmt			Per Running Metre	
25	Providing & fixing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)2nd class Deodar wood.	0.03	Cum			Per Cubic Metre	
26	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick i)2nd class deodar wood	5.40	Sqm			Per Square Metre	

27	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)40mm thick 2nd class deodar wood.	1.26	Sqm			Per Square Metre	
28	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of mateirals in all leads and lifts as per directions of the Engineer-in-Charge. (a)Ready mixed paint brushing wood primer pink.	30.00	Sqm			Per Square Metre	
29	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	30.00	Sqm			Per Square Metre	
30	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125mm	4.00	Nos			Each	
31	Providing and fixing anodized aluminum sliding door bolts anodized colour and shade with bolts and nuts screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 250x16mm (two hundred fifty into sixteen milimetre)	2.00	Nos			Each	
32	Providing and fixing aluminum tower bolts(barrel type)anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 200x10mm	2.00	Nos			Each	
33	Providing and fixing bright finished or/and black enamelled iron (Helical door spring 150mm(One hundred fifty milimetre)) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	20.00	Nos			Each	
34	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 100mm	21.60	Sqm			Per Square Metre	
35	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.						

36	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	18.00	Sqm			Per Square Metre	
37	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	18.00	Sqm			Per Square Metre	
38	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	Nos			Each	
39	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)1st class Indian teak wood	50.00	Rmt			Per Running Metre	
40	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	18.00	Sqm			Per Square Metre	
41	Dubbing out an old irregular walls average 20mm thick with cement mortar 1:4(1cement:4sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	37.33	Sqm			Per Square Metre	
42	Providing and fixing G.I. wire chikken mesh 85G or 0.56 dia wire in Brick masonary, aluminium widnow, ventilator shutters etc. with PVC/ neoprens gasket etc. complete as per the architectural drawings and the directions of the Engineer-in-Charge (cost of aluminium snap beadking shall be paid in basic item).	37.33	Sqm			Per Square Metre	
43	20mm Cement plaster in two coats,backing coat 15mm and finishing coat 5mm thick on rough side of brick/stone masonry walls for interior plastering upto floor two level including arrises,internal rounded angles,chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth including carriage of material in all leads and lifts as per direction of the Engineer-in-charge.(i) Cement Mortar1:4 (1cement:4 sand).	37.33	Sqm			Per Square Metre	
44	Providing and fixing Pine wood readmade plain framed panelling with necessary screws priming coat on unexposed surface etc. complete with pine wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	28.00	Sqm			Per Square Metre	
45	Providing and fixing Ply wood lining with butt jointing and wood screws or nails (frame work and cover fillets to be measured and paid for separately) including carriage of mateirals in all leads and lifts as per directions of the Engineer-in-Charge.(a) 9 mm thick.	28.00	Sqm			Per Square Metre	

46	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of mateirals in all leads and lifts as per directions of the Engineer-in-Charge. (i)1:5:10 (1 cement : 5 coarse sand): 10 graded stone aggregate 40 mm nominal size).	0.50	Cum			Per Cubic Metre	
47	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of mateirals in all leads and lifts as per directions of the Engineer-in-Charge. (i)1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	0.50	Cum			Per Cubic Metre	
48	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of mateirals in all leads and lifts as per directions of the Engineer-in-Charge. (i)1:5:10 (1 cement : 5 coarse sand): 10 graded stone aggregate 40 mm nominal size).	0.50	Cum			Per Cubic Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3. | **Estimated Cost:- 3,58,103.00**

Name of Work :- Construction of Nariga Bridge to Jagher road Km 0/00 to 1/660 (SH: C/O RCC Hume Pipe culvert at Rd .1/105 with both side Wing Wall). | **Earnest Money :- 7,200.00**

Time:- Two Months.

Sr.No.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culvers, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, chiselling/wedging out of rocks,(where blasting is prohibited) as per drawing and MORD technical specifications Clause 305.1, 1104 and 1606.1 and as per direction of the Engineer-in-Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 150mm (One hundred fifty milimetre) compacted thickness including shorting and strutting and pumping and bailing out water (surface and sub soil water) upto all depth and any quantum of water including cleaning of slush which may arise out during dewatering including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	65.81	Cum			Per Cubic Metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:5:10(One cement: five sand:Ten graded stone agg.40mm (forty milimetre) nominal size).	3.33	Cum			Per Cubic Metre	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:4:8(One cement:Four sand:Eight graded stone agg.20mm (twenty milimetre) nominal size).	56.05	Cum			Per Cubic Metre	
4	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	9	Cum			Per Cubic Metre	
5	Providing weep holes in Breast wall/Retaining wall on stone masonry with 100mm & P.V.C. pipe with slop of 1:20 to wards the face complete as per drawing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	34.50	Rmt			Per Runing Metre	
6	Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection work, back filling, concrete and masonary work in head walls and parapets clause 1108 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 900mm dia	7.50	Rmt			Per Running Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3. | **Estimated Cost:- 3,27,022.00**

Name of Work :- A/R & M/O to type-V set No.2 PHC Mehli Kasumpti Shimla-9 (SH: Repair of Toilet, Painting, Distempering and floor tile etc. in type-V set No.2 at PHC Mehli Kasumpti Shimla-9) (DEPOSIT WORK) | **Earnest Money :- 6,600.00** | **Time:- 60 Days.**

Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	0.41	Cum			Per Cubic Metre	
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	59.85	Sqm			Per Square Metre	
3	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Of area 3 sq. metres and below	1.00	No			Each	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	0.41	Cum			Per Cubic Metre	
5	Providing and fixing Ist 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 in all leads and lifts as per directions of the Engineer-in-Charge.	21.55	Sqm			Per Square Metre	
6	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.10	Sqm			Per Square Metre	

7	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 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	59.85	Sqm			Per Square Metre	
8	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	8.15	Sqm			Per Square Metre	
9	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.93	Sqm			Per Square Metre	
10	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	11.84	Sqm			Per Square Metre	
11	Providing and fixing ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 6mm thick	2.71	Sqm			Per Square Metre	
12	Providing and fixing square edges cover fillets (beading) 19mmx6mm (Nineteen milimetre into six milimetre) section including mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)1st class Indian teak wood.	8.50	Rmt			Per Running Metre	
13	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 100mm	14.00	Nos			Each	
14	Providing and fixing bright finished brass ball catcher 10 mm dia including carriage of materials in all leads and lifts as per directions of the Engineer-in-	14.00	Nos			Each	

	oviding and fixing aluminium work for doors, windows, ventilators and partitions with truded built up standard tubular sections/ appropriate Z sections and other sections of pproved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of equired dia and size, including necessary filling up the gaps at junctions, i.e. at top, ottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)	33.67	Kgs.						
16	Providing and fixing double glazed hermetically sealed glazing in aluminium windows, ventilators and partition etc. with 6 mm thick clear float glass both side, having 12 mm air gap, including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant (Both primary and secondary sealant) etc. as per specifications, drawings and direction of Engineer-incharge complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.50	Sqm				Per Square Metre		
17	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)250x10 mm	2.00	Nos				Each		
18	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)125mm	2.00	Nos				Each		
19	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	254.74	Sqm				Per Square Metre		
20	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacture, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	254.74	Sqm				Per Square Metre		
21	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) One or more coats on old work	422.03	Sqm				Per Square Metre		

22	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) One or more coats on old work.	212.11	Sqm			Per Square Metre		
23	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 15 mm dia nominal bore	10.00	Rmt			Per Running Metre		
24	Providing and fixing one piece construction with vitreous china squatting plate with an integral longitudinal flushing pipe, white P.V.C. automatic flushing cistern, with fittings, standard size G.I./PVC flush pipe for back and front flush with standard spreader pipes with fittings, G.I. clamps and C.P. brass couping complete, including painting of fittings, and cutting and making good the walls and floors etc. wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each		
25	Providing and fixing health faucet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 15mm	3.00	Nos			Each		
26	Providing and fixing glass corner including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each		
27	Providing and fixing chromium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws including carriage of mateirals in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each		
28	Providing and fixing 600mmx120mm (six hundred milimetre into one hundred twenty milimetre) glass shelf with C.P. Brass brackets and guard rail complete fixed to wooden plugs with C.P. Brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each		
29	Providing and fixing toilet paper holder including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge (i) C.P.Brass	3.00	Nos			Each		
30	Providing and fixing tooth brush tumblet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each		

31	Providing and fixing wash basin with C.I. brackets, 15mm C.P. brass pillar taps, 32mm C.P. brass waste of standard pattern, inlcuding painting of fittings and brackets, cutting and making good the walls wherever require including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) White vitreous China wash basin size 630x450mm with a pair of 15mm C.P. brass pillar taps.	2.00	Nos			Each	
32	Providing and fixing rain shawer including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
33	Providing and fixing C.P. Brass bib tap with Capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm dia.	3.00	Nos			Each	
34	Providing and fixing C.P. brass angle valve 15mm without Nuts and pipe including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.00	Nos			Each	
35	Providing and fixing single lever basin mixing faucet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm	2.00	Nos			Each	
36	Providing and fixing P.V.C connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (A)300/450mm length :- i)15mm nominal bore	10.00	Nos			Each	
37	Providing and fixing Muxer for Kitchen sink with casted swinging spout at top including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
38	Providing and fixing **C.P. grating for floor traps or Nahani trap** including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 100mm dia	6.00	Nos			Each	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:-89,893.00	
Name of Work :- A/R & M/O various residential Qtrs. Type-III at Kasumpti, Shimla-9(SH: Providing and laying PVC flooring in type-III set No.9,11 & 125 at Kasumpti Shimla-9).						Earnest Money :- 1,800.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing 1.50mm(One point five zero milimetre) thick PVC antistatic venyl Flooring plain or coloured,carbed or mosaic/metalled finish laid with approved adhesive on sub-floor(damp proofing treatment to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.MAKE LG	85.10	Sqm			Per Square Metre	
						Total	

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