Himachal Pradesh Public Works Department

No:-PW/SRDD-CB-CTR-NIT/2022-23-To

1801

Dated: -30/4/202

The Executive Engineer (IT Cell), H.P.P.W.D. Nigam Vihar Shimla-2.

Subject:-

Notice Inviting Tender for uploading the same on departmental website.

Enclosed please find herewith Notice Inviting Tender (NIT) of various works in respect of this office for uploading the same on departmental website.

Encl:-Copy of NIT

Executive Engineer Shimla Rural Division HPPWD Dhami.

HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT

Sealed item rate tenders on PWD Form 6 & 8 are hereby invited by the

Sealed item rate tenders on PWD Form 6 & 8 are hereby invited by half Executive Engineer, Shimla Rural Division, H.P.P.W.D. Dhami on behalf of Governor of Himachal Pradesh for the followings works (R&R) whose Pradesh for the followings works from the eligible contractors enlisted in H.P.PWD. (B&R) whose registration stood renewed as a result of the followings works from the eligible contractors enlisted in H.P.PWD. (B&R) whose registration stood renewed as a result of the followings works from the eligible contractors enlisted in H.P.PWD. registration stood renewed as per revised rules and also registered under the H.P. General Sales Tax Act. 1968 so as to resist a registered under the H.P. General Sales Tax Act, 1968 so as to reach in this office on before 11-05-2022 up to 11:00 AM and the same shall be opened on the same denoted opened on the same day at 11:30 AM, in the presence of intending contractors or their authorized representative who may it. representative who may like to be present. The Tenders documents can be had from this office against cash payment (Non-refundable) on 10-05-2022 up to 4:00 PM and the application for issue of tender form about 10. issue of tender form shall be received on 09-05-2022 up to 4:00 PM.

The amount of earnest money in the shape of NSCs/FDR deposit at call of any of the Post office/Bank duly pledged in favour of Executive Engineer, Shimla Rural Division, HPPWD Dhami must be accompanied with the application for tender documents. Please not no exemption order of earnest money will be entertained. Conditional tenders and the tenders received without earnest money as mentioned above will similarly be rejected. The offer of the tenders shall be dept open for 75 days. The Executive Engineer reserve right to reject any tender of all tenders without assigning any reasons. If it happens to be a holiday on the day of opening of tenders the same will be opened on next working day at the same time and venue.

Sr. No.	Name of Work	Estimated Cost	Earnest Money	Time	Cost of Form
1	A/R & M/O Baldiyan Dharampur road km. 10/00 to 16/500 (SH:-P/L Patch work in km. 12/00 to 14/00). Balance	Rs. 4,98,059/-	Rs. 10,000/-	One Month	Rs. 350/-
2	work. A/R & M/O Baldiyan Dharampur road km. 10/00 to 16/500 (SH:-P/L Patch work in km. 14 to 16/500). Balance work.	Rs. 4,98,899/-	Rs. 10,000/-	One Month	Rs. 350/-
3	A/R & M/O Hari Devi Seri road km. 0/00 to 3/150 (SH:- Repair of pot holes in km. 0/00 to 1/500	Rs. 4,99,112/-	Rs. 10,000/-	One Month	Rs. 350/-
4	A/R & M/O Hari Devi Seri road km. 0/00 to 3/150 (SH:- Repair of pot holes in km. 1/500 to 3/150).	Rs. 4,99,112/-	Rs. 10,000/-	One Month	Rs. 350/-
5	Special repair of Oak Cottage Type-V Qtrs at lower Chakkar near HP Printing & Stationary Department at Ghora Chowki Shimla (SH:- Dismentling Ceiling & Prouision of Ceiling, Chequied tile, Coremic tiles in floor & dado & Sanitary fitting etc.) Balance work.	Rs. 4,02,322/-	Rs. 8,100/-	Two Months	Rs. 350/-
6	Special repair to H.P. Printing press at Ghora Chowki Shimla (SH:- Providing G.I. pipe alongwith fitting from storage tank to Block-B toilets) Balance work.	Rs. 2,64,175/-	Rs. 5,300/-	One Month	Rs. 350/-
7	C/o link road to village Moolbari km. 0/00 to 1/00 (SH:- P/L G-I & II, C/o Subgrade in km. 0/00 to 0/330).	Rs. 3,77,482/-	Rs. 7,600/-	Two Months	Rs. 350/-
8	C/o link road to village Moolbari km. 0/00 to 1/00 (SH:- P/L G-I & II, C/o Subgrade in km. 0/330 to 0/660).	Rs. 3,88,920/-	Rs. 7,800/-	Two Months	Rs. 350/-
9	A/R & M/O Ghanahatti Bhajol road km. 0/00 to 14/350 (SH:- C/o R/wall at Rd. 3/345 to 3/363).	Rs. 4,50,178/-	Rs. 9,000/-	One Month	Rs. 350/-
10	C/o link road from Devnagar to Rehri Domehar road km. 0/00 to 1/00 (SH:-	Rs. 4,89,714/-	Rs. 10,000/-	One Month	Rs. 350/-

1	C/o R/wall in km. 0/860 to 0/882.50).		Rs.	One	Rs.
.1	C/o proposed 24 m span single lane RCC T-beam bridge on Thachi Rehana road over Sainj Khad (SH:- Proof checking of detailed design and s tructrure drawin s	Rs. 1,50,000/-	2,000/-	Month	350/-
2	on minor bridge). Geotechnical investigation for	Rs.	Rs.	One	Rs. 350/-
. 2	construction of parking at Totu Shimla.	4,87,500/-	10,000/-	Month One	Rs.
13	Geotechnical investigation for construction of ROB on the land adjoining Shimla-Kalka railway line at ward No. Majiath, Municiapal corporation Shimla.	Rs. 4,50,000/-	Rs. 9,000/-	Month	350/-
14	Geotechnical investigation for Construction of science learning and creativity Centre (Sh:- C/o planetarium at Bhog, Anandpur).	Rs. 2,75,500/-	Rs. 5,600/-	One Month	Rs. 350/-
15	M/T on link road to village Fatechi km. $0/00$ to $8/00$ (SH:- P/L WBM G-II in km. $0/00$ to $0/760$).	Rs. 4,98,832/-	Rs. 10,000/-	One Month	Rs. 350/-
16	M/T on link road to village Fatechi km. 0/00 to 8/00 (SH:- C/o PCC V-shape drain in Rd 0/00 to 0/800).	Rs. 3,68,900/-	Rs. 7,000/-	One Month	Rs. 350/-
17	Improvement of Curvers on Shimla Nalagarh road km. 7/00 to 22/00 (SH:-Improvement of Curves at Rd. 7/510 to 7/550).	Rs. 99,900/-	Rs. 2,000/-	One Month	Rs. 350/-
18	C/o Petrol Pump to Kawali road via Jablog km. 0/00 to 1/870 (SH:- C/o Humpe pipe culvert at Rd 0/400 along with wing wall).	Rs. 3,45,830/-	Rs. 7,000/-	One Months	Rs. 350/-
19	C/o Petrol Pump to Kawali road via Jablog km. 0/00 to 1/870 (SH:- C/o Humpe pipe culvert at Rd 0/400 along with wing wall).	Rs. 3,45,830/-	Rs. 7,000/-	One Month	Rs. 350/-
20	Improvement of Curves and P/F ralling and parapets in Neri Chailly Totu Majthai Ghanahatti Buechari Ganeog Nehra and Sakrah (SH:- P/F railing W-mettal crash barrier in different roads at various Rds in Gram Panchayat Ganeog, Nehra and Shakrah) Under SPMRM.		Rs. 9,800/-	Two Months	Rs. 350/-
21	C/o Phayal Rampuri via Matholi road km. 0/00 to 5/200 (SH:-P/L M/T works there of in km. 4/850 to 5/200).	4,98,894/-	Rs. 10,000/-	Two Months	Rs. 350/-
22	A/R & M/O Galog Nehra Okhroo road km. 0/00 to 12/00 (SH:- C/o R/wall in between km. 5/570 to 5/575).		Rs. 10,000/-	One Month	Rs. 350/-
23	C/o PHC building at Kohbag (SH:- C/o PCC R/wall in front of building). Job No. I.		Rs. 10,000/-	Two Months	Rs. 350/-
24	C/o PHC building at Kohbag (SH:- C/o PCC R/wall in front of building). Job No. II.	4,98,397/-	Rs. 10,000/-	Two Months	Rs. 350/-
25	C/o PHC building at Kohbag (SH:- C/o PCC R/wall in front of building). Job No. III.	Rs. 4,98,397/-	Rs. 10,000/-	Two Months	Rs. 350/-
26	Improvement of Shara Nallah Nadooth road km. 0/00 to 2/700 (SH:- C/o R/wall at Rd. 0/862.50 to 0/871).	Rs. 4,99,409/-	Rs. 10,000/-	Two Months	Rs. 350/-

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27	Improvement of Shara Nallah Nadooth road km. 0/00 to 2/700 (SH:- C/o R/wall at Rd. 0/854 to 0/862 50)	Rs. 4,99,409/-	Rs. 10,000/-	Two Months	Rs. 350/-
28	at Rd. 0/854 to 0/862.50). A/R & M/O PWD Rest House at Jalog Tehsil Sunni District Shimla H.P. (SH:- Dismantling of tiles, distempering, Ceiling, W.S. & S.I. Fitting & other misc. repair).	Rs. 4,97,365/-	Rs. 10,000/-	One Month	Rs. 350/-
29	A/R & M/O PWD Rest House at Jalog Tehsil Sunni District Shimla H.P. (SH:- Providing and Fixing tiles, painting, distempering & other misc. repair).	Rs. 4,87,682/-	Rs. 10,000/-	One Month	Rs. 350/-
30	A/R & M/O link road to PWD Rest House at Jalog in km. 0/00 to 0/585 (SH:- P/L M/T work 30mm bituminous concrete in km. 0/390 to 0/585).	Rs. 4,37,684/-	Rs. 9,000/-	One Month	Rs. 350/-
31	A/R & M/O various roads of suni section II under HPPWD Suni (SH:- P/L patch work from palyar to jamog km. 0/00 to 1/225 & Mandhorghat to Anu 0/00 to 5/00) Job No. I	Rs. 4,90,495/-	Rs. 10,000/-	One Month	Rs. 350/-
32	A/R & M/O various roads of suni section II under HPPWD Suni (SH:- P/L patch work from palyar to jamog km. 0/00 to 1/225 & Mandhorghat to Anu 0/00 to 5/00) Job No. II	Rs. 4,90,495/-	Rs. 10,000/-	One Month	Rs. 350/-
33	A/R & M/O Ghanahatti Nehra Bhuko road km. 0/00 to 8/00 (SH:- Repair of pot holes on Rd. between km. 5/00 to 6/00)	Rs. 4,97,817/-	Rs. 10,000/-	One Month	Rs. 350/-
34	A/R & M/O Ghanahatti Nehra Bhuko road km. 0/00 to 8/00 (SH:- Repair of pot holes on Rd. between km. 6/00 to 7/00)	Rs. 4,99,063/-	Rs. 10,000/-	One Month	Rs. 350/-
35	A/R & M/O Ghanahatti Nehra Bhuko road km. 0/00 to 8/00 (SH:- Repair of pot holes on Rd. between km. 7/00 to 8/00)	Rs. 4,95,986/-	Rs. 10,000/-	One Month	Rs. 350/-
36	A/R & M/O Gharog Nalta road km. 0/00 to 7/00 (SH:- Repair of pot holes in B.C. 30 mm thick bituminous concrete in km. 02/00 to 03/500 & 5/00 to 7/00) under Nabard.	Rs. 4,99,351/-	Rs. 10,000/-	One Month	Rs. 350/-
37	A/R & M/O Shoghi Dari road km. 0/00 to 6/150 & Hanuman Mandir Tarari road km. 0/00 to 2/395 (SH:- Repair of pot holes between km. 0/00 to 6/150 & 0/00 to 2/395	. 1	Rs. 10,000/-	One Month	Rs. 350/-
38		Rs. 4,78,010/-	Rs. 10,000/-	One Month	Rs. 350/-
39		Rs. 4,81276/-	Rs. 10,000/-	One Month	Rs. 350/-

Followings documents should be attached with the application for tenders:-

The Contractors are requested to be produced a copy of their PAN No., GST No., (i) copy of enlistment renewed letter alongwith FDR against earnest money. (ii)

Special care would be taken to write the rates both in figures and in word failing

which tender is likely to be rejected.

Executive Engineer Shimla Rural Division H.P.P.W.D. Dhami

No: PW-SRDD-CB-CTR / 2020-21- 1862-11

Copy forwarded for the following for information and necessary action to:-1. The Superintending Engineer, 4th Circle, HPPWD, Shimla-3.

2. The all Assistant Engineer, working under this division for information and necessary

3. All the heads of the branches in this office.

4. Notice Board.

Executive Engineer, Shimla Rural Division. H.P.P.W.D.Dhami.

Certificate

Certified that the tenders called vide this office notice No.PW-SRDD-CB-CTR/2022-23- 1802-11 dated 30/64/2022 for 39 number jobs is hereby invited without press notice due to exigencies/emergency of works in the public interest.

> Executive Engineer, Shimla Rural Division, H.P.P.W.D. Dhami

				Total Rs.			
						Charge.	
						all leads and lifts and as per the direction of Engineer in	
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Earnest Money:- 10000.00	Earnest	16/500 (SH:- Repair	/500 (8	/00 to 16	road km. 0	Name Of Work - A/R & M/O on Baldivan Dharampur road km. $0/00$ to	Non
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Estimated Cost:- 4,98,059.00	Estimate			136 16 17	Hitv	Schadula Of Oughtity	

Executive Engineer
Shimla Rural Division,
HP,Pwo Dhami

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					all leads and lifts and as per the direction of Engineer in	
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it Amount	Unit	Rate		No.of Qty.	Description of Work	S.No
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Earnest Money:- 10000.00	16/500 (SH:- Repair Ea	/500 (S) /00 to 16	road km (Name Of Work: A/R & M/O on Baldivan Dharamnur road km 0/00 to	Name C
Estimated Cost:- 4,98,899.00	Est		*	Quantity	Schedule Of Quantity	1,//8

Executive Engineer, Shimla Rural Division, HP, PWO, Dhami. Hsn

SCHEDULE OF QUANTITY

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		Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by 1338.10 Sqm. providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1 including carriage of material up to all leads and lifts as per the direction of Engineer-in- Charge.	2	· · · · · · · · · · · · · · · · · · ·	Sub head and items of work	ייייי מימי מי (מימי מי מימי מי	Eamest Money : - Rs. 10000 /-only	ame of Work: - Annual Repair & Maintenance on Hari Doni S Sonicoute Or Continue B.
		1338.10 Sqm.	သ		Qtv.		span or . carre	nair of Pot Ho
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			(S)	in words	Rate	Time: -	Earnest Money: - Rs. 10000 /-only	Estimated Co
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			1		Amount		000 /-only	112 /- only

Note: (i) All the material will procured by the contractor him self.

Executive Engineer Shimla Rural Divicit HARWAD, Dhami.

SCHEDULE OF QUANTITY

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Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1 including carriage of material up to all leads and lifts as per the direction of Engineer -in- Charge.	2		Sub head and items of work		Km. 1/500 to 3/150	Name of Work: - Annual Repair & Maintenance on Hari Devi Seri Road Km. 0/00 to 3/150 (Sh: Repair of Pot Holes between
1338.10 Sqm.	ယ		Qty.			pair of Pot Hole
	4	figures	R			
	S	In words	Rate	Time: -	Earnest Money : - Rs. 10000 /-only	Estimated Cost: - Rs 499112 /- only
Per Square Metre	6		Unit	One Month	ey : - Rs. 100	st: - Rs 499
	7		Amount	3	000 /-only	112 /- only

Note: (i) All the material will procured by the contractor him self.

Executive Engineer, Shamid Rural Division Heppind, Dhamid

Total:

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Providing and laying heavy duty precast cement concrete inter locking paver blocks vibro compacted upto M-50 grade i/c border or kurb block grey or coloured over sub-base concrete with 25mm thick of average thickness of cement mortar 1:4 (1 cement : 4 sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks i/c curing rubbing & polishing complete (Sub base concrete floor to be paid for separately) including all leads and lifts and as per direction of Engineer in Charge.	Providing and laying 20mm. thick acid proof tiles of size upto 300 x 300mm. of specified shade in floors, treads of steps and landing laid on a bed of 12mm. thick acid proof mortor 1:3(1 cement: 3 sand) jointing with cement slurry mixed with pigment to match the shade of tiles. including all leads and lifts and as per direction of Engineer in Charge.	Providing and laying spartic ceremic tiles 5.5mm.thick in flooring (300 x300mm. size)treads of steps laid on a bed of 12mm. thick cement mortar 1:3(1cement: 3 sand) finished with flush pointing in white cement. including all leads and lifts and as per direction of Engineer in Charge.	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position. including all leads and lifts and as per direction of Engineer in Charge.	Dismantling Cement asbestos celotax/hard board in ceiling or partition walla including stacking of serviceable materials and disposal of un-serviceable materials within 20 Metres lead (Frame work such as joists, beams to be measured and paid for separately) including all leads and lifts and as per direction of Engineer in Charge	2	Description of Work	Department at Ghora Chowki, Shimla (SH:- Dismantling Ceiling & Prouision of Ceiling, Chequied tile, Coremic tiles in floor & dado & Sanitary fitting etc.) (Balance work)	Schedule Of Quantity Name of work:- Special Repair to Oak Cottage Type-V Otre at Lower Chakker Near HD Brinting & Stationary	
50.65	79.14	11.83	0.4285	64.9	ယ	No.of Qty.	ing & Prouision work)	Schedule Of Quantity	
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					ъ	Rate In figures	ng, Chequ	HD Drint	
js <u></u>					6	In words	ried tile,	ing & Stationary	
Per Squar metre	Per Squar metre	Per Squar metre	Per cubic metre	Per Squar metre	7	Unit		Estimated Cost:- 4,02,322.	
					8	Amount	onths.	t:- 4,02,322.	

0 œ ဖ 5 = 2 ಚ wire gauge of I.S. gauge designation 85g. With wire of dia gauge designation 85g. With wire of dia 0.56mm for doors, windows and bright finished black enamelled iron hinges with necessary clerestorey windows including brightclerestorey windows including Providing and fixing wire gauge shutters using galvanised M.S. Engineer in Charge. Charge. including all leads and lifts and as per direction of Engineer in providing and fixing 12 mm thick shuttering, ply conforming to ISI Providing and Fixing ISI marked Flush door Shutter 35 mm thick screws, including all leads and lifts and as per direction of & bolts/ nails and fixed on wooden/ steel frame work, complete as in plain lining/ panelling/ under floors with necessary screws/ nuts per direction of Engineer- in -Charge. Providing and fixing 40 mm thick plain framed panelling with and as per direction of Engineer in Charge. complete with 2nd class deodar wood. including all leads and lifts necessary screws priming coat on unexposed surfaces etc complete. Including carriage of material within all leads and lifts. trans parent or dyed to required shade and colour with screws etc. Providing and fixing aluminium tower bolts (berrel type) anodized Providing and fixing aluminium handles anodized transparent or dyed to required colour shade with necessary screws etc. complete. Including carriage of material or paneelled and glazed shutter for door, windows and cleastorey Providing and fixing panelling or panelling and glazing in panelled within all leads and lifts. 4mm thick glass panes. window glazed shutter 25mm to 40 mm thick float glass panes lifts and as per direction of Engineer in Charge. with G.I fitting Including carriage of material with in all leads and Providing and fitting G.I pipe 15 mm dia nominal bore complete 3.20 64.90 1.56 170.00 29.00 6.15 3.81 13.00 Sqm Sqm Sqm Sqm S Sqm Z Rmt Per Squar metre Per Squar metre Per Squar metre Per Squar metre Per running metre Per Squar metre Each Each

		21	20	19	18	17	. 16	15	74
	Total Rs.	Providing and fixing C.P. brass waste and plug for glazed ware sinks, basins etc, with long screwed shinks and fly nut and fixed to lead pipe including vlcanite plug brass chain and stud with union for lead pipe in addition fixed including one soldered joints.32 mm nominal bore including all leads and lifts and as per direction of Engineer in Charge.	Providing and fixing 600mmx120mm glass shelf with C.P brass brackets and guard rail complet fixed to wooden plugs with C.P Brass screws: including all leads and lifts and as per direction of Engineer in Charge.	Providing and fixing P.V.C connection pipe with bras unions. 30 cm length/ 45 cm. Length. 15 mm Nominal Size. Bore including all leads and lifts and as per direction of Engineer in Charge.	Providing and fixing brass angle value with wheel: 15 mm nominal	Providing and fixing brass bib tap (superior or heavy type): 15 mm dia including all leads and lifts and as per direction of	Providing and fixing PTMT automatic flushing cistern with a pair of PVC / C.I. or M.S. bracket complete with fittings including PVC syphonic apparatus, mosquito proof lid, PVC union and coupling for connections with inlet, outlet and over flow pipes including cutting holes and making good the same (over flow pipe to be measured and paid for separately).10 ltr. capacity white including all leads and lifts and as per direction of Engineer in Charge.	Charge. Providing and fixing plastic seat (solid / Holow type) and cover for providing and fixing plastic seat (solid / Holow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers. White Plastic seat and cover including all leads and lifts and as per direction of Engineer in Charge.	Providing and fixing vitreous china wash down water closet (European type W.C. pan) with integral P or S trap including jointing the trap with soil pipe in cement mortar 1:1(1 cement : 1 sand) (seat and cover to be measured and paid for separately) including all leads and lifts and as per direction of Engineer in
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Executive Engineer Shimla Rural Divisi HPPAND Dhami Can

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Providing and fixing Gate valve with wheel 25 mm nominal size. as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts	Providing and fixing G.I Union 25 mm nominal bore as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (Medium grade) tube fitting and clamps including making good the wall, ceiling and floor:-25 mm nominal bore as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts	2		Description of Work	alongwith fitting from storage tank to Block-F	Work :- Special repair to H.P Printing press a	Schedule
10	15	424	3		No.of Qty.	toilets(Balar	t Ghora Chow	Schedule Of Quantity
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Each	Each	Per Running Metre	7		Unit	Time:- One N	Earnest Mone	Estimated Co.
			8		Amount	Nonths.	еу:- 5300.00	Estimated Cost:- 2,64,175.00
	Providing and fixing Gate valve with wheel 25 mm nominal size. as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts	Providing and fixing G.I Union 25 mm nominal bore as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts Providing and fixing Gate valve with wheel 25 mm nominal size. as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts 10 No	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (Medium grade) tube fitting and clamps including making good the wall, ceiling and floor:-25 mm nominal bore as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts Providing and fixing G.I Union 25 mm nominal bore as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts Providing and fixing Gate valve with wheel 25 mm nominal size. as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts 10 No	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (Medium grade) tube fitting and clamps including making good the wall, ceiling and floor:-25 mm nominal bore as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts Providing and fixing G.I Union 25 mm nominal bore as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts Providing and fixing Gate valve with wheel 25 mm nominal size. as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts Providing and fixing Gate valve with wheel 25 mm nominal size. as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts Each Each Each	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (Medium grade) tube fitting and clamps including making good the wall, ceiling and floor:-25 mm nominal bore, as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts Providing and fixing G.I Union 25 mm nominal bore, as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts Providing and fixing Gate valve with wheel 25 mm nominal size. as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts A24 Rmt. Rmt. No Each Each Each Each Each Each	Description of Work No.of Qty. Rate In words	Time:- One Months. Unit Amount 7 Per Running Metre Each Each	Pipe alongwith fitting from storage tank to Block-B toilets(Balance Work) Description of Work Printing press at Ghora Chowki Shimla (SH:- Providing Time:- One Months. NoofQty. Rate NoofQty. NoofQty

Executive Engineer, Shimla Rural Division, HP, Purp, Dhami.

		4	ω	2	, P	Name (Providi S.No
	specific sizes 53mm to 22.40mm (Fiffy three to twenty two point four milimeter) to water bond macadom specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80/100 KN in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill up the interstices of course aggregate, watering and compacting to the required dencity grading-III as per technical specification clause 405by manual means completed as per H.P.P.W.D. specifications	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, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 1 as per Technical Specification Clause 404. By Mechanical Means	good the undulation etc. with earth or quarry soil etc. and rerolling the sub-grade completed as per HP.PWD specifications	Preparation of sub grade by dressing to combor (Earth work for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications.	2	Name Of Work:- Construction of Link road to village Moolbari km. 0/00 Providing and laying G-I, G-II, C/O Sub grade in km 0/00 to 0/330) Description of Work No.of Qty.
	79.20	108.90	1089.00	1089		ntity Moolbari /00 to 0/3
	Cum	Cum	Sqm	Sqm		km. 0/00 t
			d	(A)	In figures	to 1/00
				6	In words	to 1/00 (SH:- C/O
Total:-	Per cubic metre	Per cubic metre	Per Square Metre	7 Per Square Metre		Estimated Cost:- 3,7: Earnest Money:- 760 Time:- Two Months.
				8	ATTO CHIE	Estimated Cost:- 3,77,482 Earnest Money:- 7600.00 Time:- Two Months.

Executive Engineer Shirple Rural Divisi

					11	O.N.C	2]-	o Z	
	4	ω	2	-		č	INTAGE	ame C	
	Providing, laying, spreading and compacting stone aggregates of specific sizes 53mm to 22.40mm (Fifty three to twenty two point four millimeter) to water bond macadom specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80/100 KN in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill up the interstices of course aggregate, watering and compacting to the required dencity grading-III as per technical specification clause 405by manual means completed as per H.P.P.W.D. specifications	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, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 1 as per Technical Specification Clause 404. By Mechanical Means	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub-grade completed as per HP.PWD specifications	Preparation of sub grade by dressing to combor (Earth work for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications.	2	Description of Work	1 TOVINITIE ditu Idyilië G-1, G-11, G/O Sub grade ili km 0/00 to 0/330/	Name Of Work :- Construction of Link road to village Moolbari km. 0/00 to 1/0	Schedule Of Quantity
	79.20	108.90	1089.00	1089	ω	No.of Qty.	700 00 0/3	Moolbari l	ntity
	Cum	Cum	Sqm	Sqm	4		30)	cm. 0/00 t	
					57	In figures	Data	0 1/00 (
			is		6	In words		0 (SH:- C/O	i i
Total:-	Per cubic metre	Per cubic metre	Per Square Metre	Per Square Metre	7		Unit	Time:- Two Months	Estimated (
					α		Amount	Earnest Money:- 7000.00 Time:- Two Months.	Estimated Cost:- 3,77,482

Executive Engineer Shimla Rural Divisi

								===	-
	4	ω	^	,	1		S.No	Name Of Providin	
	Providing, laying, spreading and compacting stone aggregates of specific sizes 53mm to 22.40mm (Fifty three to twenty two point four milimeter) to water bond macadom specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80/100 KN in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill up the interstices of course aggregate, watering and compacting to the required dencity grading-III as per technical specification clause 405by manual means completed as per H.P.P.W.D. specifications	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, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 1 as per Technical Specification Clause 404.By Mechanical Means	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub-grade completed as per HP.PWD specifications	Preparation of sub grade by dressing to combor (Earth work for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications.	\rightarrow		Description of Work	Name Of Work :- Construction of Link road to village Moolbari km. 0/00 Providing and laying G-I, G-II, C/O Sub grade in km 0/330to 0/660	Schedule Of Quantity
	79.20	108.90	1089.00	1089	3		No.of Qty.	/Joolbari ku	tity
	Cum	Cum	Sqm	Sqm	4				
					5	In figures	Rate	01/00(
					6	In words) to 1/00 (SH:- C/O	
Total:-	Per cubic metre	Per cubic metre	Per Square Metre	Per Square Metre	7		Unit	Time:- Two Months	Estimated (
					8		Amount	Time:- Two Months.	Estimated Cost:- 3,77,482

Executive Engineer Shimla Rural Divisor HREVVD Dhami

SCHEDULE OF QUANTITY

Name of Work: - Annual Repair & Maintenance of Ghanahatti Bhajol Road Km. 0/00 to 14/350 (Sh:- Construction of R-wall at Estimated Cost - Rs 450178 /- only Rd. 3/345 to 3/363 Earnest Money: - Rs. 9000 /-only

					Time: -	One Month	
ķ	Sub head and items of work	Qty.		מג	Rate	Unit	Amount
No.				figures	In words		
1	2	ω		4	5	6	7
_	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per drawing and Technical Specification	13.61	Cum			Per cubic metre	
	Clause 1603.1 and other deletorius materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.						
2	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and	48.49	Cum			Per cubic metre	
	disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitabale material as per MORD specification directed by Engineer-in-Charge.		=		*		
ယ	Providing and Laying cement concrete for plain / reinforced conc. In open foundation complete as per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement : 5 sand: 10 graded stone Aggregate 40 mm nominal mix). Including carriage of material upto all leads and lifts as per the	118.21	Cum		Đ	Per cubic metre	5
	directions of Engineer-In-Unarge.			1			П
4	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8, (I) Granular material, Including carriage of material within all leads upto leads as per the direction of Engineer-in-Charge.	19.17	Cum	i d	-	Per cubic metre	
თ	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full with of the structures with slop of 1(v):20(H) towards	55.00	Rmt	1		Per Running Metre	
	drawing face complete as per drawing and technical specification , Including carriage of material upto all leads and lifts as per the direction of Engineer -in-Charge.					, -	. i
0			1			Total:	

Note: (i) All the material will procured by the contractor him self.



Name of Work: - Construction of Link Road from Devnagar Cursher To Rehari Crusher Domehar Road Km. 0/00 | Estimated Cost: - Rs 489714 /- only to 1/00 (SH:- Construction of R-Wall at RD. 0/860 to 0/884,50) | Earnest Money: - Rs. 10000 /-only Time: - One Month One Month

5 ds		Total:						٥
Sub head and items of work City. Rate Unit City figures In words 6 Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and Specification Clause 1603.1 and other deletorius materials and disposal upto 20 m as per drawing and Technical Specification directed by Engineer-in Charge. Earthwork in excavation for structures as per drawing and technical specification of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and iffs dressing of sides and bottom and backfilling in trenches with excavated suitabale material as per MORD specification directed by Engineer-in-Charge. Providing and Laying cement concrete for plain / reinforced conc. In open foundation complete as per 127.58 Cum metre drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement : 5 sand: 10 graded stone Aggregate 40 mm nominal mix). Including carriage of material upto all leads and iffs as per the directions of Engineer-in-Charge. Per cubic metre specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement : 5 sand: 10 graded stone Aggregate 40 mm nominal mix). Including carriage of material upto leads so per the directions of Engineer-in-Charge. Per cubic metre specification of Engineer-in-Charge.		Per Running Metre			Rmt	52.45	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wal return wall with 100 mm dia PVC pipe extending through the full with of the structures with slop o 1(v):20(H) towards drawing face complete as per drawing and technical specification . Including carriage of material upto all leads and lifts as per the direction of Engineer -in-Charge.	
Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 and other deletorius materials and disposal upto all leads and lifts as per MORD specification of structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitabale material as per MORD specification directed by Engineer-in-Charge. Providing and Laying cerment concrete for plain / reinforced conc. In open foundation complete as per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement : 5 sand: 10 graded stone Aggregate 40 mm nominal mix), including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.		Per cubic metre			Cum	25.65	Backfilling behind abutment, wing wall and return wall complete as per drawings & technics specification Clause 1204.3.8, (I) Granular material, Including carriage of material within all leads upto leads as per the direction of Engineer-in-Charge.	
Sub head and Items of work Oty. Figures In words Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per drawing and Technical Specification directed by Engineer-in Charge. Earthwork in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitabale material as per MORD specification directed by Engineer-in-Charge. Unit Figures In words Per cubic metre For cubic stumps and disposal upto all leads and lifts as per subject for the deleterious material and disposal upto all leads and bottom and backfilling in trenches with excavated suitabale material as per MORD specification directed by Engineer-in-Charge.		Per cubic metre			Cum	127.58	Providing and Laying cement concrete for plain / reinforced conc. In open foundation complete as pedrawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (Cement : 5 sand: 10 graded stone Aggregate 40 mm nominal mix). Including carriage of material uptoral leads and lifts as per the directions of Engineer-in-Charge.	
Sub head and items of work Oty. Rate Unit Figures In words Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 and other deletorius materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.		metre			Cum	51.08	Earthwork in excavation for structures as per drawing and technical specifications Clause 305, including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitabale material as per MORD specification directed by Engineer-in-Charge.	
Sub head and items of work Oty. Rate Unit figures in words 3 4 5 6		Per cubic metre			Cum	20.25	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per drawing and Technica Specification Clause 1603.1 and other deletorius materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	-1
Sub head and items of work Oty. Rate Unit figures In words	7	6	5	4		ü	2	-
Rato Unit			In words	1	*	ç	Sub nead and items of work	No.
	Amount	Unit	200	B		2		0

Note: (i) All the material will procured by the contractor him self.



	te E						
	Job			Job	1.00	Consultancy services for proof checking of detailed design, structural drawings of 24 m span RCC T-beam bridge from competent authority such as IIT,NIT or PEC in all respects and submitting the same to higher office for approval.	1
	7 1	words	figure				
		in	in	٠	<i>k</i>	S.INO. ITEMS OF WORK	S.MO.
Amount	Unit	Rate in	Rat	V	Otv.	Itama of work	ONS
1th	Time ;- One Month					design and structure drawings of minor bridge)	design a
Earnest money Rs. 2000/-only	money R	Earnest		-beam br cking of	e RCC T roof che	Name of work: C/O proposed 24 m span single lane RCC T-beam bridge on Thachi Rehana road over Sainj Khad.(Sub head: Proof checking of detailed	Name o Thachi
Estimated Cost Rs 150000/-	d Cost R	Tation to	- 1	ntity	Schedule of Quantity	Schedu	

Executive Engineer
Shimla Rural Division
HP PWA Dhami

	Schedule Of Quantity		:• <u> </u>			Estimated	Estimated Cost:- 4,87,500
Name 0	Name Of Work: GEOTECHNICAL INVESTIGATION FOR CONSTRUCTION	NICTOIL	- 1	OF PARKING AT	JG AT	Earnest Mo	Earnest Money:- 9800.00
TOTU SHIMLA.	HIMLA.	ON TONO				Time:- One Months.	e Months.
S.No	Description of Work	No.of Qty.	Qty.	Rate		Unit	Amount
				In figures	In words		
1	2	3	4	S	6	7	8
	Sub soil investigation in all type of soil/ Strata by drilling bore holes of NX size (75 milimetre diametre) ranging from 10 metres or above in depth for investigation of soil/ rock conditions at site of work including mobilization and de- mobilization for drilling shifting of machinery to bore site making plateform and water arrangement for drilling. The scope of work includes preservation of core including relevent fields and laboratory tests and submission of geolgical report of complex site of work including carriage of materials within all leads and lifts as per the direction of Engineer - in - Charge.	65	Amt.			Per Job Auming pata	
	Total Rs.						

Executive Engineer Shimla Rural Division, HP, PMD, Dhami.

	ے	1			S.No	adjoinin	Name 0		
Total Rs.	Sub soil investigation in all type of soil/ Strata by drilling bore holes of NX size (75 milimetre diametre) ranging from 10 metres or above in depth for investigation of soil/ rock conditions at site of work including mobilization and de- mobilization for drilling shifting of machinery to bore site making plateform and water arrangement for drilling. The scope of work includes preservation of core including relevent fields and laboratory tests and submission of geolgical report of complex site of work including carriage of materials within all leads and lifts as per the direction of Engineer - in - Charge.	2			Description of Work	adjoining Shimla- Kalka Railway line at Ward No- Majiath, Municipal Corporation Shimia:	Name Of Work :- GEOTECHNICAL INVESTIGATION FOR CONSTRUCTION ROB on the land	Schedule of Quantity	
	60	ω			No.of Qty.	Municip)NSTRU(lty	
	Rmt.	4			Qty.	al Corpo	TION K		
		v	1	In figures	Rate)ration 5	IIO 80	20 02 th	
		C	6	In words		IIIIIIa.	kimla himla	aland	
	Per Job Running Meter	2	7		Unit		Time:- One Months.	Earnest M	Estimated
7			8		Amount		e Months.	Earnest Money:- 9000.00	Estimated Cost:- 4,50,000

Executive Engineer,
Shimla Rural Division,
HP, WD, Dhami.

F						Total No.	
	_					Total Do	
	Per Job			Job	٦	prepration of digital Survey Contour plan with drawing complete in all respect in manuscript fromand submission of the samwe to higher office for approval, If any correspondence/ ammendment has desired by this office as well as by head office, the same may be rectified as desired and directed by the Engineer in charge in all respect. After approval the same should be submitted in two set of fair drawing against asain if any coeecetion/ amendment as desired by head office as per the direction of Engineer in charge complete, for the work.	2
	Perfob Running meter			feb family	33	Sub soil investigation in all type of soil/ Strata by drilling bore holes of NX size (75 milimetre diametre) ranging from 10 metres or above in depth for investigation of soil/ rock conditions at site of work including mobilization and de- mobilization for drilling shifting of machinery to bore site making plateform and water arrangement for drilling. The scope of work includes preservation of core including relevent fields and laboratory tests and submission of geolgical report of complex site of work including carriage of materials within all leads and lifts as per the direction of Engineer - in - Charge.	_
3		o	55	4	3	2	— 3
2 7	7	in words	In figures				0110
	OIIIC		Rate	No.of Qty.	No.0	Description of Work	SNO
Amount	115.5		ANDRUK	IOG, AN	M AT BI	LEARNING AND CREATIVITY CENTER (C/O PLANETARIUM AT BHOG, ANAMUPUR)	LEARN
onths.	Time:- One Months.		OL POLINCI	CITON	NSTRU	Name Of Work :- GEOTECHNICAL INVESTIGATION FOR CONSTRUCTION OF SCHOOL	Name (
7:- 5600.00	Earnest Money:- 5600.00		COUNT		ity	Schedule Of Quantity	
:- 2,75,500	Estimated Cost:- 2,75,500	н					

Executive Engineer, Shimla Rural Division, HP, Purp, Dhami. Sam

SCHEDULE OF QUANTITY

A to village Fatechi km. 0/00 to 0/800 Estimated Cost: - Rs 498832 /- only

					0
lotal:	10				
	-			leads and lifts as per the directios of Engineer-in-Charge.	
	×-			Specification Clause 405. By Mechanical Means, including carriage of material upon air	
				aggregate, watering and compacting to the required density grading 2 as per reclinical	
				applying and brooming, stone screening/binding materials to fill-up the little suces or trachical	
,		-		packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and common	
	_			sizes to water bound macadam specification including spreading in uniform the camber.	
metre	- a				1
Per cubic	Per		202 21 Cum		٠.
	,	4	cu		
5		1			No
	s	figures In words		oub nead and Items of work	ų
		Rate	ogy.	O.F. Landy Street	,
I Init Amount	=				
Vionth	One Month	Time: -		(and providing & laying walk Gill in kin. occ to an and	
Earnest Money : - Rs. 10000 /-01119	t Money : - K	Earnest		(Cl. J	
Accord only			בי מימט נט מימטט	Name of Work: - Metalling Tarring on Link Road to Village Fatecili N	

Note: (i) All the material will procured by the contractor him self.



Nam	Name of Work: - Metalling & Tarring on link road to village Fatechi In km. 0/00 to 1/00 (Sh:-	0 1/00 (Sh:- Cor	Construction of	Estimated Cost - Rs 368900 /- only	- Rs 36
0.00	PCC V-shape drain in Rd. 0/00 to 0/800)		0.000	Earnest Money: - Rs. 7000 I-only	:- Rs. 7000
	Total and the second of the se			Time: -	One Month
Ş	Sub head and items of work	Qty.	R	Rate	Unit
Z		- 1	figures	In words	
اد	2	3	4	5	6
_	Earthwork in excavation for structures as per drawing and technical specifications Clause	80.00 Cum			Per cubic
	305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom				1176110
	and backfilling in trenches with excavated suitabale material as per MORD specification directed by Engineer-in-Charge.				
2	Providing and laying plain cement concrete grade- M-IO (Ten) nominal mix 1:3:6 (One cement: Three sand :six graded crushed stone 20 mm (twenty millimeters nominal size)	62.00 Cum			metre
	concrete for plain/ reinforced concrete in in open foundations curing complete including form work as per drawing and MORD technical specification Clause 802,803,1202 and				
	From the charge of materials with in all leads and missions as per oncome of the charge				
		֡			

Note: (i) All the material will procured by the contractor him self.



Rate Unit Amount	
Time- One Month	amprovement of Curve at Ma. Horo to Hood)
Earnest Noney . As 2000, only	Improvement of Curve at Rd 7/510 to 7/550)
T	Traine of work Improvement of curves of Shillia Ivalagarii Noad Niii. //oo to 22/000 (Sii.
Estimated Cost: - Rs 99,900/- only	Name of work. Improvement of curios on Shimle Neberth Bood Vm 7/00 to 22/000 (Sh.
	SCHEDULE OF QUANTITY
	SCHEDING OF ON ATTAC

		/				
	Total:					
	Per cubic metre			555.00 Cum	Cutting in earth work in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including, dewatering where ever required, setting to the required line, grades, side slopes trimming bottoms and level as shown on the drawing as directed by the Engineer-in-Charge at site according to HP.PWD specifications of 1990 (One thousand Nine hundred Ninety) Volume-1 and sorting out useful/un-useful materials and stacking the same in all leads and lifts and transportation of the unuseful materials for filling in road ways, embankments for grades improvements and leveling to the required grades and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites through all modes of transportation including head load, animal load or mechanical means along with its leveling fine dressing and all lobour, machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by mechanized means and labour (if any required), the cost of useful materials such as stones, shingles, aggregates and slates shall be sorted out and stacked along road side, which shall not be less than one tenth of JW, one sixth of SR and one third of HR.= 27.75 Cum Qty. which shall be proportionately increase/decrease as the qty. of earth work increase/ decreas in all cases recovered from the contracto @170/-(one hundred seventy only) per cubic metre shall be efacted any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	
7	6	In words	In figure	3	2	1
Amount		Rate		Qty.	Sub head and items of work	S.No.
		I line. One vixon				

Executive Engineer,
Shimla Kural Division,
HPRND Dhami

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TOP INO.

					Description of work	
					Qty.	
					Unit	
				Figures	RATE In	
W	Time Limi	Earnest M	Estimated	Figures Words	E In	
25 25	Time Limi One month.	7000.00	345830.00	Rs.	AMOUNT	

-				
	Name of work: - C/O Petrol Pump to Kawali road via jablog Km. 0/0 to 1/870 (SH:- C/		ipe Cu	O Hume Pipe Culvert at RD 0/400 along with wing
) _	Excavation in soil in Hilly Area by mechanical means including cutting and trimming of	18.610 m3	3 Per	
	side slopes and disposing of excavated earth with in all lead and lift as per Technical		Cub	
	Specification Clause 1603.1(one six zero three point one) and MORD specification		ic	
	including carriage of all labour equipment and materials to various location of site		metr	
	through all modes of transportations in all lead, lift and all incidental charges. all work		e	
	of rock cutting by blasting shall be carried out by taking all necessary precautions			7
	against soil erossions, damage to hill side, water pollutions etc., and to protect stability			
	of hill side rock work shall be executed with chiseling, wedging out rock, where blasting			
	is prohibited). All earth work in excavation including rock excavation shall be carried			
	out true to lines, grades, side slopes, width, camber super elevations and levels as shown			
	on the drawing or as directed by the Engineer-in- Charge. Stacking of materials useful			
	for construction at suitable sites and safe disposal of unserviceable cut materials in			
	specified manners, trimming, filling of unevenness blindages and finishing of the road to			
2	Earthwork in excavation for all type of roads, structures such as retaining wall, breast	46.720 m ³	Per	
	wall, culvert, drain and parapets etc. in all type of classification of soil comprising of		cubi	
	ordinary soil, ordinary rock, hard rock chiesling / wedging out rocks (where blasting is		c	
	prohibeted) as per drawing and technical specification true to lines and grades.		met	
	Dimesions and other particulars as per drawing and Technical Specification Clause		er	
	1606.1 (One six zero six point one) including setting out, construction of shoring and			
	bracing, removal of stumps and other deleterious material and disposal upto all lead and			
	lifts including dressing of sides and bottom and backfilling in trenches with excavated			
	suitable material. All work of excavation by blasting shall be carried out by taking all			
	necessary precautions against soil erosions, damage to hill side & any structure near			
	about, water pollutions etc., and to protect stability of hill side rock. Stacking of		-	
	materials useful for construction at suitable sites and safe disposal of unserviceable			
	excavated materials in specified manners to dumping site(to be arranged by the			

Page 1

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ľ	COANLLY	
I	_	
	7	

	Description of work Description of work	NTITY Qty.	Unit	RATE In	In
Ties.	Deaviding and laving concrete for plain Coment consent : 1.4.6.			Figures	Words
-	sand: eight graded crushed hard stone aggregate 40 (forty) millimeter nominal size) mechanical mixed, vibrated and curing complete in open foundation and plinth for all	8.330 m3	Per Cub ic		
	type of structure including the cost of form work complete as per drawing and MORD Technical Specification clause 802, 803, 1202 and 1203 (Eight hundred two, eight		Met		
	hundred three, one thousand two hundred two and one thousand two hundred three) or as directed by the Engineer-in-Charge including carriage of materials with in all locals				
	and lifts and other incidentals.				: e e
4	Providing and laying concrete for P.C.C. grade M-10 (ten) nominal mix 1:3:6 (one	41.940 m3	Per		4
	cement isto three sand isto six graded stone aggregate 40mm (forty milimeters) nominal		cubi		
	open foundations complete as per drawings and technical specifications clause 803		C		
	803,1202 and 1203 (eight hundred two, eight hundred three, one thousand two hundred		er.		
	two and one thousand two hundred three) as per MORD specifications including				
	carriage of all labour, equipments and materials to various location through all modes				
וע	Providing and laving (to level or clone) reinforced coment concrete nine NID2 000 mm	7 200	t		
	(nine hundred millimeter) diameter for culverts on first class bedding of granular		Run		
	material in single row including fixing collar with cement mortar 1:2 (one cement isto		ning		
	two sand) but excluding excavation, protection work, back filling, concrete and masonry		Met		
	thousand one hundred eight) or as directed by the Engineer-in-Charge including		er		
	carriage of materials with in all leads and lifts and other incidentals.				
6	Backfilling of Granular material behind abutment, wing wall and return wall, breast	4.390 m3	Per		
	walls, retaining walls and parapets up to all heights, depths and levels complete as per		cubi		
	drawings and MORD technical specification clause 1204.3.8 (one thousand two hundred		C		
	various location of site through all modes of transportations in all leads lifts and all		met		
		V,	1		

Page 2

Drait SCHEDULE OF QUANTITY

_	C the sp in ex at	וּפַ		5
	abutment, wing wall, return wall with 100mm (one hundred millimeter) dia PVC pipe extending through the full width of the structure with slope of 1:20 (One verticle isto twenty horizontal) towards drawing face complete as per drawing and MORD technical specification clause 614, 709, 1204.3.7(six hundred fourteen, seven hundred nine, one thousand two hundred four point three point seven) or as directed by the Engineer-in-Charge including carriage of materials with in all leads and lifts and other incidentals.	providing weep holes in brick masonry/stone masonry/plain reinforced concrete		bescription of work
	12.000 No.	12 000 No		Qty.
	h.	Je I		Unit
			Figures Words	RATE In
			Rs.	AMOUNT

Executive Engineer Shimla Rural Division HPPVD, Dhami

	CONTRACTOR OF QUANTIL	Y		
	Description of work	Qty.		Unit
_	Tob No.		L	L
~	900 1/40.			
	Name of work Clo Battle			
_	Name of Work: - C/O retrol Pump to Kawali road via jablog Km. 0/0 to 1/870 (SH:- C/O H	C/O Hume Pipe Culvert at RD 0/480 along with wing	Pipe	Culv
	Excavation in soil in Hilly Area by mechanical means including cutting and trimming of	18.610 m3	3 P	Per
	side slopes and disposing of excavated earth with in all lead and lift as per Technical		_	Cub
	Specification Clause 1603.1(one six zero three point one) and MORD specification	-	ш.	ic.
	including carriage of all labour equipment and materials to various location of site		3	metr
	through all modes of transportations in all lead, lift and all incidental charges. all work			e
	of rock cutting by blasting shall be carried out by taking all necessary precautions			
	against soil erossions, damage to hill side, water pollutions etc., and to protect stability			
	of hill side rock work shall be executed with chiseling, wedging out rock, where blasting			
	is prohibited). All earth work in excavation including rock excavation shall be carried			
	out true to lines, grades, side slopes, width, camber super elevations and levels as shown			
	on the drawing or as directed by the Engineer-in- Charge. Stacking of materials useful		-	
	for construction at suitable sites and safe disposal of unserviceable cut materials in			
1	specified manners, trimming, filling of unevenness blindages and finishing of the road to	Ī		
2	Earthwork in excavation for all type of roads, structures such as retaining wall, breast	46.720 m3	3 Per	7
	wall, culvert, drain and parapets etc. in all type of classification of soil comprising of		cubi	₫.
	ordinary soil, ordinary rock, hard rock chiesling / wedging out rocks (where blasting is		n	
	pronibeted) as per drawing and technical specification true to lines and grades.		met	11
	Dimesions and other particulars as per drawing and Technical Specification Clause		er	
	bracing and left six zero six point one) including setting out, construction of shoring and			-
	oracing, removal of stumps and other deleterious material and disposal upto all lead and			
	lifts including dressing of sides and bottom and backfilling in trenches with excavated			
	suitable material. All work of excavation by blasting shall be carried out by taking all			-
	necessary precautions against soil erosions, damage to hill side & any structure near			
	about, water pollutions etc., and to protect stability of hill side rock. Stacking of			
	exercised materials useful for construction at suitable sites and safe disposal of unserviceable			
- 1	by the			
			ŀ	_

3

	=	e	met	various location of site through all modes of transportations in all leads lifts and all	
	-		0 (drawings and MORD technical specification clause 1204.3.8 (one thousand two hundred four point three point eight) including carriage of all labour points.	
		Per	4.390 m3 Per	walls, retaining walls and parapets up to all heights, depths and levels complete as per	c
1			G.	Rackfilling of Granular material behind chutmont	2
				thousand one hundred eight), or as directed by the Engineer-in-Charge including	
			er	work in head walls and parapets as per technical specification clause 1108(one	
		et	Met	two sand) but excluding excavation, protection work, back filling, concrete and masonry	
		ning	n.	material in single row including fixing collar with cement mortar 1:2 (one cement isto	
		Run ·	Rı	(nine hundred milimeter) diameter for culverts on first class bedding of granular	
		4	7.500 m Per	Providing and laying (to level or slope) reinforced cement concrete pipe NP2- 900 mm	O1
				of transportation in all leads lifts and all incidental charges	_
				carriage of all labour, equipments and materials to various location through all modes	-
		-		two and one thousand two hundred three) as per MORD specifications including	-
			er	803,1202 and 1203 (eight hundred two, eight hundred three, one thousand two hundred	~
		met	3	open foundations complete as per drawings and technical specifications clause 802,	0
			С	size) mechanically mixed, vibrated, curing complete and including cost of form work in	vs.
		cubi	C	cement isto three sand isto six graded stone aggregate 40mm (forty milimeters) nominal	0
		Per	41.940 m3 P	Providing and laying concrete for P.C.C. grade M-10 (ten) nominal mix 1:3:6 (one	4 P
				and lifts and other incidentals.	B
				as directed by the Engineer-in-Charge including carriage of materials with in all leads	a
		3-1		hundred three, one thousand two hundred two and one thousand two hundred three) or	ъ
			ег	Technical Specification clause 802, 803, 1202 and 1203 (Eight hundred two, eight	1
		Met	-	type of structure including the cost of form work complete as per drawing and MORD	0
		ic		mechanical mixed, vibrated and curing complete in open foundation and plinth for all) n
		Cub	_	sand: eight graded crushed hard stone aggregate 40 (forty) millimeter nominal size)	SS
		Per	8.330 m3 H	providing and laying concrete for plain Cement concretre in 1:4:8 (one cement: four	رور
Rs.	Figures Words				
AMOUNT	RATE In	Unit	Qty.	Description of work	

Page 2

Draft SCHEDULE OF QUANTITY Description of work

	Description of Work		Qty.	Qty. Unit	Qty. Unit	Qty. Unit RATE In AMOUNT Figures Words Rs.
	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete	12.000 No.	Eac			
-	abutment, wing wall, return wall with 100mm (one hundred millimeter) dia PVC pipe		Ħ			
-	extending through the full width of the structure with slope of 1:20 (One verticle isto	10				
-	twenty horizontal) towards drawing face complete as per drawing and MORD technical					
	specification clause 614, 709, 1204.3.7(six hundred fourteen, seven hundred nine, one					
	thousand two hundred four point three point seven) or as directed by the Engineer-in-					
	Charge including carriage of materials with in all leads and lifts and other incidentals.			-		

Executive Engineer Shimla Rural Division HPPWD, Dhami

Page 3

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Draft SCHEDULE OF QUANTITY

Job No.

Limit: Two Months.	Time Limit:				
9800.00	Earnest Mor				
485511.00	Estimated C				
Rs.	Words	Figures			
AMOUNT	I E In	KA	Unit	Qīy.	Description of Work

Name of work: - Improvement of curves and providing and fixing railing and parapets in Neri Chailly Totu Majthai Ghanahatti Gram Panchayat Ganeog Nehra and Sakrah)under Shyama Parsad Mukharjee Yojna. Buechari Ganeog Nehr and Sakrah(SH:-Providing and fixing railing W-metal crash beam barrier in different roads at various RDs in

Ch.	2	-
Providing and erecting single sided single "W" metal beam crash barrier comprising of cold formed with Profile section having thickness of 3mm (un coated thickness) with frame width of 311 mm depth 83mm and length 4318mm made of ISI Marked HR Coil confirming to IS: 5986/2011 to be fixed on cold formed channel section post of size 150 x 75 x 5 mm made of ISI Marked HR Coil confirming to IS: 5986/2011 spaced 1.5 m centre to centre of the post which will be of total 1.8 m height, 1.1 m below ground / road level and 0.70 meter above ground level. Metal beam rail to be fixed on the vertical post with spacer channel of cold formed channel section size 150 x 75 x 5 mm, 330 mm long made of ISI Marked HR Coil confirming to IS: 5986/2011. All the above components shall confirm to clause 810 of MORT&H Specifications (latest revision) including all fittings required for erection at road / site of work, spacer shall be hot dipped galvanized with zinc coating (reaffirmed 2011) for bolts and nuts IS 14393/1996 (Re affirmed 2011) including carriage of all labour, equipments and materials to various location through all modes of transmortation in all leads lifts and all incidental charges	Providing and laying cement concrete work 1:2:4 (one cment: two sand: four graded stone aggregate 20mm (twenty millimeter) nominal size) in foundation and plinth, and curing complete excluding cost of form work and reinforcement as per HP.PWD specification, including carriage of all labour equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	Earthwork in excavation for all type of road structures uch as retaining wall, breast wall, culvert, drain and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiesling / wedging out rocks (where blasting is prohibeted) as per drawing and technical specification true to lines and grades. Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) and 1606.1(One six zero six point one) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all lead and lifts including dressing of sides and bottom and backfilling in trenches with excavated suitable material. All work of excavation by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified manners to dumping site (to be arranged by the contractor), trimming, filling of uncoverness blindages and finishing of the road to specified dimensions or as directed by the
114.000	22.570 m3	22.570 m3
Runi ng Met	cubic meter	Per Cubi c Met
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Draft SCHEDULE OF QUANTITY

		-		Total:-	
		+		various location through all modes of transportation in all leads life and all instruction services.	
	cr	Meter		hundred ten) using Bitumen VO 10 (ten)) including carriage of an about, equipment of charges	
		c ,		specified levels, grade and cross fall using Type of as per reclinical specification of and materials to	
	=				14
		Per	1425 00 m2		
				Type B as per Technical Specification Clause 508 (five zero eight) including carriage of all labour,	
				kilo Newton) static roller capacity, finished to required level and grades to be followed by seal coat of	<u>_</u>
		MICIC		including mixing in a suitable plant, laying and rolling with a three wheel 80-100 kN (eighty to hundred	=-
		Meter	· v	(ten)) to required line, grade and level to serve as wearing course on a previously prepared base,	
	. 781	Squar		milimeters) thickness with specified size of graded stone aggregates using viscus grade bitumen (VG-10	
		Per	1425.00 m2	Providing, laying by Mechanical means and rolling of open-graded premix carpet of 20 mm (twenty	3 P
				locations through all modes of transportation in all lead & lifts and all incidental charges.	10
		1,41,0101		per direction of Engineer in charge including carriage of all labour, equipments and materials to various	D.
		Meter		surface cleaned with Hydraulic broom as per Technical Specification Clause 503 (five zero three) and as	SI
		renbe		0.275 kg (zero point two seven five kilogramme) per sqm on the prepared dry and hungry bituminous	
		Per	1425.00 m ²	Providing and applying tack coat with Bitumen emulsion (RS-I) using emulsion distributor at the rate of	2 P ₁
				transportation in all lead & lifts and all incidental charges.	H.
		t		including carriage of all labour, equipments and materials to various locations through all modes of	5
		יי		Specification Clause 502 (Five hundred Two) and entire satisfaction & direction of Engineer-in-Charge,	1S
		Color		sqm (point eight five kilogramme per square meter) using mechanical means as per MORD Technical	sq
	-	squar		surface of granular base including cleaning of road surface and spraying primer at the rate of 0.85 Kg. /	
		Per	1425.000 m2	Providing and applying primer coat of Low porosity with Bitumen Emulsion SS-1 (one) on prepared	- H
Two Months.	Time: -				
10000.00	Earnest Money: -	Earn		4/850 to 5/200).	0.
498894.00	Estimated Cost: -	Estin	of in KM	Name of work:-C/O Phyal Rampuri via Matholi road KM 0/00 to 5/200(SH:-P/L M/T works there	N
				Draft Shedule of Quantity	F
3	rigure words				_
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TNIIOMA	RATEIn	Thit		Description of work	

Executive Engineer
Shimla Reral Division
HPPW D. Dhami

Total		_				-
metre	5					
running	2					
Per	פ		Kmt	70.00	mm dia metre for complete of approved quality	U
metre	3					n
cubic	2		_		Clause 1201.3.0 including callage of filaterials in all leads and lifts.	
Per	P		cum	13.68	Clause 1904 3 8 including carriage of materials is all loads and the	-
					Recycling retried and the second seco	A
metre					(i) 1.5:10 (40mm).	
cupic	1 0				lifts.	
Per	70		cum	142.35	and technical specifications Clause 802 803 1202 & 1203 including carriage of materials unto all loads and	(
					Providing and Invince	ند
metre	-				suitable materials including carriage of materials upto all leads and lifts.	
cubic				-	disposal into a lead of 50.00 motors describe of size and other deletenous materials and	
Per			cum	34.2	setting out construction of charing and beautiful and technical specification clause 305.1 including	1
				2	Earthwork in execution for all	S
					carriage of materials in all leads and lifts.	
metro					1.50 meters and lead upto 20.00 meters as per drawing and technical specification clause 1603.10 including	
Cubic					manual mean including cuttingand trimming of side slopes and disposing of excavated earth with a lift up to	
Per			cum	49.59	Earth work in Hill road:(i) Excavation in hilly Area in soil malerial means Excavation in soil in hilly area by	
6 7	ln words	In figure	l	ယ	2	-
Unit Amount		Rate		Qty.		O.No.
	Time -One Month				10,000	2
10,000/-0nly	Earnest Money: Rs 10,000/-0nly				Construction of Retaining wall in between km 5/(2) 1 c/5-1	0011
4,95,266/- only	Estimated Cost: -Rs 4,95,266/- only		7:-	/00.(S	Name of work: -Annual repair and maintenance of Galog nehra okharoo road km 0/00 to 12/00 (Sh:-	Conce
					SCHEDOLE	2
					COLUMN TO THE OF GUARANTI	

Executive Engineer, Shimal Rural Division, HP, ND, Dhami.

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		-	Met		of all labour equipment and materials to various location of site through all modes of transportations in all leads lifts and all incidental charges.	
		_ 5	Cubi	21.00	Backfilling of Granular material behind abutment, wing wall and return wall, breast walls, recurring walls and parapets up to all heights, depths and levels complete as per drawings and MORD technical and parapets up to all heights, depths and levels complete as per drawings and MORD technical for parapets to the control of the contro	4
			_	31 60	directed by the Engineer-in-Charge including carriage of materials with in all leads and lifts and other	
-33			20		concrete in retaining walls, breast walls, the size of plum should be 150 to 300 mm as per drawing and	
-		<u>g.</u>	Cubi		40mm) and mechanical mixed, vibrated and curing complete including the cost of farmwork for plain	ı
5		•	ı3 Per	118.480 m3	be to the public or private property during the course of execution shall be the sole reconstitutions aggregate	
					manners to dumping site (to be arranged by the contractor) or as directed by the Engineer-in-Charge. Any	
					useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified	
					excavation by blasting shall be carried out by taking all necessary precautions against son crossoris,	
					trimming, filling of unevenness blindages and finishing of the road to specified dimensions. All work of	
					including dressing of sides and bottom and backfilling in trenches with excavated suitable material,	
			er		construction of shoring and bracing, removal of stumps and other deleterious material and its disposal	
			Met		drawing and Technical Specification Clause 305.1(Three hundred Five point One) including setting out,	
			C		charging / wedging out rocks (where blasting is prohibeted). Dimesions and other particulars as per	
			Cubi		and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock	,
			Per	122.980 m3	dimensions as directed by the Engineer in Charge. If the foundation of the Structure wall, breast wall, culvert, drain	
					specified manners, trimming, filling of unevenness blindages and finishing of the road to specified	
					materials useful for construction at suitable sites and safe disposal of unserviceable cut materials in	
					elevations and levels as shown on the drawing or as directed by the Engineer-in- Charge. Stacking of	
					including rock excavation shall be carried out true to lines, grades, side slopes, width, camber super	
					executed with chiseling, wedging out rock, where blasting is prohibited). All earth work in excavation	
					erossions damage to hill side, water pollutions etc., and to protect stability of hill side rock work shall be	
			e .	-	various location of site through an induces of nansportations and induces are seen and percentage and processary precautions against soil	
		<u>`</u>	metr		zero three point one) and MORD specification including carriage of all labour equipment and machines to	
3			Cuo	= -	disposing of excavated earth with in all lead and lift as per Technical Specification Clause 1603.1(one six	
				39.000 m3	Excavation in soil in Hilly Area by mechanical means including cutting and trimming of side slopes and	-
Two Month.	Time limit:					
2000.00	Earnest Mor			Journ and	Name of work:-C/O PHC building at Kohbag(SII:-C/O PCC R/wall in Iron to Duname).	Sr.No.
498379.00	Estimated C			Ich no1	Draft Shedule of Quantity	
		,				\
	\$10.03	rigure				
Rs.	Wards		Unit	Qty.	Description of work	_
TNUOMA	TU In	DA			Draft SCHEDULE OF CONTROL	

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reinforced concrete abutment, wing wall, 130.00 me extending through the full width of the al) towards drawing face complete as per 9, 1204.3.7(six hundred fourteen, seven seven) or as directed by the Engineer-in-and other incidentals.	5	-	-	
	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia PVC pipe extending through the full width of the structure with slope of 1:20 (One verticle isto twenty horizontal) towards drawing face complete as per drawing and MORD technical specification clause 614, 709, 1204.3.7(six hundred fourteen, seven hundred nine, one thousand two hundred four point three point seven) or as directed by the Engineer-in-Charge including carriage of materials with in all leads and lifts and other incidentals.			Description of work
	130.00 met			
Figure Words s	Per Met er			Unit
Words		S	Figure	RA
			Words	TE In
Rs.			Rs.	AMOUNT

Executive Engineer Shimla Rural Division HPP D, Dhami

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dire 4 Bac and spec	3 Pr 4(cc	2 Ean ching con tring tr	1 Exca dispo zero vario work eros exec incle elev mat	Sr.No.	
Backfilling of Granular material behind abutment, wing wall and return wall, breast walls, retaining walls and parapets up to all heights, depths and levels complete as per drawings and MORD technical specification clause 1204.3.8 (one thousand two hundred four point three point eight), including carriage specification clause 1204.3.8 (one thousand two hundred four point three point eight) and materials to various location of site through all modes of transportations in all	Providing and Laying cement concrete 1:5:10 (one cement isto five sand isto ten graded stone aggregate Providing and Laying cement concrete 1:5:10 (one cement isto five sand isto ten graded stone aggregate 40mm) and mechanical mixed, vibrated and curing complete including the cost of farmwork for plain concrete in retaining walls, breast walls, the size of plum should be 150 to 300 mm as per drawing and concrete in retaining walls, breast walls, the size of plum should be 150 to 300 mm as per drawing and the p.P.WD technical / MORD specifications 800 & 1200 (eight zero zero & one two zero zero) & as	dimensions as directed by the Engineer in Charge. If the foundation of the structure is in an area with Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain Earthwork in excavation for all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiesling / wedging out rocks (where blasting is prohibeted). Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and its disposal including dressing of sides and bottom and backfilling in trenches with excavated suitable material, including dressing of unevenness blindages and finishing of the road to specified dimensions. All work of trimming, filling of unevenness blindages and to protect stability of hill side rock. Stacking of materials damage to hill side, water pollutions etc., and to protect stability of hill side rock. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified useful for construction at suitable sites and safe disposal of unserviceable excavated materials.	Excavation in soil in Hilly Area by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with in all lead and lift as per Technical Specification Clause 1603.1(one six zero three point one) and MORD specification including carriage of all labour equipment and materials to various location of site through all modes of transportations in all lead, lift and all incidental charges. all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erossions, damage to hill side, water pollutions etc., and to protect stability of hill side rock work shall be executed with chiseling, wedging out rock, where blasting is prohibited). All earth work in excavation elevations and levels as shown on the drawing or as directed by the Engineer-in- Charge. Stacking of elevations and levels as shown on the drawing or as directed by the Engineer-in- Charge. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable cut materials in prohibited.	Draft Shedule of Quantity Name of work:-C/O PHC building at Kohbag(SH:-C/O PCC R/wall in front of building).Job no2	Description of work Description of work
21.60 m3	118.480 m3	122.980 m3	39.000 m3	o no2	Qiy.
		Per Cubi c Met	Cubi c metr e		Unit
Per Cubi c Met	Per Cubi c Met			그믐돈	RATE In Figure Wo
				Estimated Cl Earnest Mor Time limit:	E In Words
			Ц	498379.00 2000.00 Two Month.	AMOUNT Rs.

Page 1

leads lifts and all incidental charges.

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QUANTITY			
XIII		COLL	
		TALLA	· ·

hundred nine, one thousand two hundred four point three point seven) or as directed by the Engineer-indrawing and MORD technical specification clause 614, 709, 1204.3.7(six hundred fourteen, seven structure with slope of 1:20 (One verticle isto twenty horizontal) towards drawing face complete as per return wall with 100mm (one hundred millimeter) dia PVC pipe extending through the full width of the Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, Charge including carriage of materials with in all leads and lifts and other incidentals. Description of work 130.00 met Per Qly. Met Unit Figure RATE In Words AMOUNT Rs.

Executive Engineer Shimla Rucal Division HPPVD, Dhami

Draft SCHEDULE OF QUANTITY

Г		U				Ų									,		2										1	-	_	r.No.	1		
hundred nine, one thousand two hundred four point three personal page 1	structure with slope of 1:20 (One verticle isto twenty nortzonear) structure with slope of 1:20 (One verticle isto twenty nortzonear) and MORD technical specification clause 614, 709, 1204.3.7(six hundred fourteen, seven drawing and MORD technical specification clause 614, 709, 1204.3.7(six hundred fourteen, seven			HP.PWD technical / MORD specifications 800 & 1200 (eight zero zero & one two zero zero) & as	40mm) and mechanical mixed, vibrated and course from 150 to 300 mm as per drawing and	Providing and Laying cement concrete 1:3:10 (one complete including the cost of farmwork for plain	loss to the public or private property during the course of execution shall be the south extra graded stone aggregate	manners to dumping site (to be arranged by the contractor) or as directed by the Engineer-in-Charge. Any	damage to hill side, water pollutions etc., and to prove small for construction at suitable sites and safe disposal of unserviceable excavated materials in specified	excavation by blasting shall be carried out by taking an increasing processary processar	trimming, filling of unevenness blindages and tinishing of the road to specified difficulties. All work of	including dressing of sides and bottom and backfilling in trenches with excavated suitable materials	construction of shoring and bracing, removal of stumps and other deleterious material and its disposal	drawing and Technical Specification Clause 305.1(Three hundred Five point One) including setting out,	chiesling / wedging out rocks (where blasting is prohibeted). Dimesions and other particulars as per	and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock	Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain	specified manners, trimming, filling of unevenness blindages and finishing of the road to specified	materials useful for construction at suitable sites and safe disposal of unserviceable cut inatcrials in	elevations and levels as shown on the drawing or as directed by the Engineer-in- Charge. Stacking of	including rock excavation shall be carried out true to lines, grades, side slopes, width, camber super	executed with chiseling, wedging out rock, where blasting is prohibited). All earth work in excavation	erossions, damage to hill side, water pollutions etc., and to protect stability of hill side rock work shall be	work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil	various location of site through all modes of transportations in all lead, lift and all incidental charges. all	zero three point one) and MORD specification including carriage of all labour equipment and materials to	disposing of excavated earth with in all lead and lift as per Technical Specification Clause 1603.1(one six	Excavation in soil in Hilly Area by mechanical means including cutting and trimming of side slopes and		Name of work:-C/O PHC building at Kohbag(SH:-C/O PCC R/wall in front of	Draft Shedule of Quantity		Description of work
			100.00 mete				116.700 m3										180.000 m3											69.000 m3		building).Job no3	Į.		Qty.
	2	Met	et (Per	Met	ဂ		Per						ег	Met	C	Cubi	Per						,	n .	metr	<u>о</u>	_	Per					Unit
						<u></u>				* * 1 *																						S	
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Executive Engineer, Shimla Rural Division, HP,PVB, Dhami, Lay

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	Total:-						i.
	Per running metre			Rmt	36.00	Providing and laying 100mm dia metre PVC pipe for wheep holes complete of approved quality Including carriage of material within all leads and lifts.	5
	Per cubic metre			Cum	14.79	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.	4
	Per cubic metre			Cum	132.68	Providing and laying cement concrete 1:5:10 (one cement is to five sand is to Ten graded stone aggregate 40mm forty milimetre nominal size) and curing complete excluding cost of form work in foundation and plinth with pidlilite or Dr. fixit water proofing treatment as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts	ω
	Per cubic metre			Cum	60.52	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.as per the direction of Engineer-In-Charge.	N
	Per cubic metre			Cum	23.8	means in foundation trenches or drains (hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.as per the direction of Engineer-In-Charge.	-
α	7	6	5	4	ω	Farth work in excavation by mock. 2	-
	3	In words	In figures				4
Amount	Unit		Rate	No.of Qty.	No.o	Description of Work	0.110
Amount							ON S
Earnest Money:- 10000.00 Time:- Two Months.	Earnest Time:- T	SH:- C/0	to 2/700 (SH:- C/O	. 0/00 to	road km	R/wall at Rd. $0/862.50$ to $0/871$	R/wall
Estimated Cost:-4,99,409	Estimate				itv	Schedule Of Quant	N
100 100							

Executive Engineer, Shimla Rural Division, HP, Rob, Dhami, Lin

	2)-i	-1	S.No	Fixing tiles	Name of W	100 m
a) Size of Tile 600x600mm	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	a) Size of Tile 600x600mm	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 with in all leads and lifts and as per the direction of Engineer in Charge.	2 3		Fixing tiles, Painting, Distempering & other Mise. Repair)	Name of Work :- A/R & M/O PWD Rest House at Jalog Teh Suni Distt. Shimla (HP)	Schedule Of Quantity
28.98		39.71	<u> </u>	4	No.or Gry.	o of Ott	tt. Shimla	A Company
Sqm		Sqm						A
-	10 %			5	In figures	Rate	(SH:- Providing and	
	**			6	In words		ing and	-
Metre		Metre				Unit A	Time: One Months	Estimated Co
		I				Amount	Time:- One Months.	Estimated Cost:- 4,87,682

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	41	a) Old wc	Painting of brand and sincluding per the di	Removing paint and surface sn complete and as pe	Providing: thickness l plastered v complete. lifts and as	Polished G Cat Eye or	Providing a design and the building 18 mm thic cement mo with cemer admixed wicuring and directed by
		a) Old work (one or more coats	on G.S. sheet d manufactur g carriage of r irection of Er	dry or oil bo the like by so mooth includi including car r the directio	and applying and applying mm, of app wall surface t including cars per the dire	Polished Granite stone Cat Eye or equivalent.	Providing and laying Polished Grani design and patterns, in linear as we the building all complete as per the 18 mm thick stone slab over 20 mn cement mortar 1:4 (1 cement: 4 cowith cement slurry and pointing wi admixed with pigment of matching curing and polishing etc. all comple directed by the Engineer-in-Charge
Section 2	and solds	ore coats)	Painting on G.S. sheet with synthetic en brand and manufacture of required cold including carriage of materials with in a per the direction of Engineer in Charge.	Removing dry or oil bound distemper, water p paint and the like by scrapping, sand papering surface smooth including necessary repairs to complete.including carriage of materials with i and as per the direction of Engineer in Charge.	Providing and applying white cement based putty of thickness 1 mm, of approved brand and manufacture plastered wall surface to prepare the surface even a complete, including carriage of materials with in all lifts and as per the direction of Engineer in Charge.	slab jet Black, Ch	Providing and laying Polished Granite stone flooring in recdesign and patterns, in linear as well as curvilinear portion the building all complete as per the architectural drawing. 18 mm thick stone slab over 20 mm (average) thick base ocement mortar 1:4 (1 cement: 4 coarse sand) laid and joi with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge
		•	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade sincluding carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement: 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge
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Painting with synthetic enamel paint of approved brand and manufacture to give an even shadeincluding carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	a) On steel work	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc.	Melamine polishing on wood work (one or more coat)including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	a) Two coats	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.	a) 100 mm diameter pipes	Painting (one or more coats) on rain water, soil waste and vent pipes and fittings with synthetic enamel paint of approved brand and manufacture and required colour on old work :including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	Applying priming coat:including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.
	83.72		68.14	1354.60		75.00		165.24	
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	Total Rs.	than 275gm/m2	Providing and Fixing 15 cm. Wide, 45 cm overall semi circular plain G.S sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc. Including making necessary connections with rain water pipes. 0.63 mm thick with zinc coating not less	providing and laying six courses water proofing treatment with bitumen felt over roofs consisting of first, third and fifth courses of blown or / and residual bitumen applied hot at 1.45, 1.20 and 1.70 kg per square metre of area respectively, second and fourth courses of roofing felt type 2 grade I (fibre base self finishedbitumen felt) six and final courses of stone grit 6 mm and down size or pea sized gravel spread at 6 cubic decimeter per sqm including preparation of surface, excluding grading, compete. including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	a) Two or more coats on new work
			268.50	58.75	425.34
			Rmt.	Sqm	Sqm
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			Metre	Metre	Per Square Metre

Executive Engineer, Shimla Rural Division, HP DWD, Dhami.

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ı	4		. 3		2		_	1	S.No	tiles, distempering, Ceiling, W.S & S.I. Fitting & other Mise. Repair	Name of Work :- A/R & M/O PWD Rest House at Jalog Teh Suni Distt. Shimla (HP) (SH:- Dismantling of	A
유	Re arr pr	a)	D) re m le:	a)	Di ino ca di	a) No	De inc dir	_		istemp	of Wol	
the dump Charge	pairs to ea 2.5 s oper sh	15 mm	ismantli filling t echanic ad as pe	For thi	Dismantling tile work in floors a including stacking material with carriage of materials with in all direction of Engineer in Charge.	Nomina X)	molishi luding ection o			ering,	rk :- A	
ing gro	plaste q.mete ape, ral	to 40 n	ng G.I. renches al mean r direct	ckness	ng tile v stackin; f materi of Engi	ıl concr	ng cem disposa of Engir	ľ		Ceilin	R& N	
und, all	r of thic rs and u king out	ım nom	pipes (e after ta s inclucionof E	f tiles 1	vork in g materi als with neer in (ete 1:3:	ent conc l of mat leer - in		De	g, W.S	1/0 PV	itus Fil
the dumping ground, all complete as per direction of Engineer-in- Charge	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to	a) 15 mm to 40 mm nominal bore	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out thepipes, manually/ by mechanical means includingstacking of pipes within 50 metres lead as per directionof Engineer-in-charge:	a) For thickness of tiles 10 mm to 25 mm	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	a) Nominal concrete 1:3:6 or richer mix (i/c equivalent design	Demolishing cement concrete manually/ by mechanical means including disposal of material within50 metres lead as per direction of Engineer - in - charge.	2	Description of Work	& S.I.	VD Re	
te as pe	2 mm t ncluding and pre ncluding	Ċ.	work) i t thepip king of in-char	o 25 mn	nd roofs in 50 me eads an	ıer mix	mually/ thin50 r e.		n of Wo	Fitting	st Hous	2
er direc	o 20 mr g cutting paring a g dispos	2	ncludin es, man pipes w ge :	3	s laid in etres lea d lifts a	(i/c equ	by mec netres le		Ж	& oth	se at Ja	Schadule Of Quantity
tion of I	n in pat g the pa and plas al of ru		g excav ually/ b ithin 50		cement d included as pe	ivalent	hanical ead as p			cr Mis	log Te	Off
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	7		6		Un	1/2
a)White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS: 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	a) 15mm nominal dia	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 with in all leads and lifts and as per the direction of Engineer in Charge.	a)Float glass panes of nominal thickness 5 mm (weight not less than 12.5kg/sqm)	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	a) With cement mortar 1:4 (1 cement : 4 fine sand)
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	Providing and fixing 100 mm sand cast Iron grating for gully trap. including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	a) W.C. pan with ISI marked white solid plastic seat and lid Providing and fixing wash basin with C.I. brackets, 15 mm dia CP	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS: 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.
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allu as per the allegan of any	IS:8931including carriage of materials with it an icase size and acceptance of Engineer in Charge.	geyser points of approved quality conforming to	Providing and fixing C.P. brass angle valve for basin mixer and	a) 15 mm nominal bore	direction of Engineer in Charge.	design and of approved make conforming to iscossing the carriage of materials with in all leads and lifts and as per the	Providing and fixing C.P. brass stop cock (concealed) of stationary	a) 15 mm nominal bore		and as per the direction of Engineer in Charge.	quality contonning to 13 surrous and lifts	Providing and fixing C.P. brass long body bib cock of approximation is standards and weighing not less than	a) C.P. brass	Engineer in Charge.	Providing and fixing toilet paper holder :including carriage of materials with in all leads and lifts and as per the direction of	Charge.	brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete. including carriage of materials with in all leads and lifts and as per the direction of Engineer in	Providing and fixing 600x120x5 mm glass shelf with edges round	and as per the direction of Engineer in Charge.	complete including carriage of materials with in all leads and lifts	hard board gro	mas con-Asommit haveled edge mirrior of superior glass (of
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À	10	a) 15 mm nominal bore Making chases up to 7.5x7.5 cm in walls including making good	20.00	Rmt.	1:4	per running		3 1-1
	7	and finishing with matching surface after housing G.I. pipe etc.including carriage of materials with in all leads and lifts and	¥!					
		as per the direction of Engineer in Charge.				II.	ė	
,	19	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 with in all leads and lifts and as not the direction of Engineer in Charge.						
		a) Sal wood	0.45	Cum		Per cubic		
		in the state of th						1
	20	Providing and fixing Pre -laminated medium density fibre board exterior grade (Grade-I) IS:14587:1998 marked, to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately)including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.						
		a) Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12 mm thick confirming to IS:14587	118.90	Sqm		Per Square Metre		
	21	Providing and laying 19 mm thick HDHMR(both side lamination) Board water proof shutters for up boards i/c fixing with nickel plated piano hinges with screws etc complete)	18.00	Sqm		Per Square Metre	ı	
	22	Providing and fixing flat pressed 3 layer particle board medium density exterior grade (Grade I) or graded wood particle board IS : 3087 marked, to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately):					74 —	1
	- '	a) 19 mm thick	91.96	Sqm	À 1	Per Square Metre		-

S	26							
1	- 12	riovianing and lixing phywood lining with butt jointing and nails	18.00	Sqm		- P	Per Square Metre	
	24	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws :including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.		1	r -		n : .*	
		a) 30mm thick shutter i) ith ISI marked butt hinges bright finished of required size i)2nd class teak wood	5.06	Sqm			Per Square Metre	
g ^{al}	25	Providing and fixing chromium plated brass handles with necessary screws etc. complete:including carriage of materials		~				
*		with in all leads and lifts and as per the direction of Engineer in Charge.						
		a) 100 mm	48.00	No			Each	d
	26	Providing and fixing 2nd class teak wood lipping/ moulded beading or taj beading of size 18X5 mm fixed with wooden	58.80	Rmt.		7.1	per running Metre	
		adhesive of approved quality and screws/nails on the edges of the Pre-laminated particle board as per direction of Engineer-in-						
		charge.						
	27	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary						
4		a) Double strip (horizontal type)	64.00	No			Each	
	28	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density						
		protective surface layer and reverse side of adhesive bonding quality conforming to IS: 2046 Type S, including cost of adhesive	1	1	'		7-53-	
		of approved quality, including carriage of materials with in an leads and lifts and as per the direction of Engineer in Charge.		į.	*	ý i	Į.	+
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	31	v	30		29		3.0	
Total Rs.	Steel work welded in built up sections, it usses and it are the paint. Thoisting, fixing in position and applying a priming coat of red lead paint.	ص	Providing and Fixing soil, waste and vent pipes 100 lilling ord,	good the same but excluding fitting.	painted white including cutting holes in walls and making	and fixing Kitchen sink with C.I. Or M.S Brackets	a) 1.5 mm thick	
		151.96		25		1.00		51.54 Sqm
		Kg.		Rmt.		No		Sqm
		Per Kg.		Metre	nor running	3	Each	Metre
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Executive Engineer,
Shimla Rural Division,
HP, MD, Dhami.

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	Providing & laying of hot applied thermoplastic compound 2.50 mm thick including reflectorising glass beads @ 250 grams per square metre thickness is exclusive of surface applied glass beads as per IRC 35 including entire carraige of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	Poviding and laying bituminous concrete 30 mm thick using crushed stone aggregate of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equiped with electronic sensor to the required grade, level and alignment and rolling weith smooth wheeled, vibratory and tendem rollers to achieve the desired compaction and density as per specifications, complete and as per direcation of Engineer -in Charge. 30 mm compacted thickness with bitumen of grade VG-10 @ 5.5% (percentage) by weight of total mix) and lime Aggregate prepared in batch type Hot Mix Plant of 100-120 TPH capacity including entire carriage of materials upto all leads and lifts and as per thedirection of Engineer in Charge. The work should be executed as per job mix formula approved by the depertment. The rates should be quoted accordingly and nothing extra shall be applicable on this account.	Providing and applying tack coat using bitumen emulsion conferming to IS:8887, using emulsion pressure distributer including preparing the surface & cleaning the mechanical broom on bituminous surface @ 0.25kg/sqm. including entire carriage of materials upto all leads and lifts and as per thedirection of Engineer in Charge.	2 3		Description of Work	Providing and laying M/T work 30mm thick bituminous Concrete in km. 0/390 to 0/585)	Name Of Work: - A/R & M/O link road to PWD Rest House at Jalog in km. 0/00 to 0/585 (SH:-	Schedule Of Quantity
21	20.00	32.59	1086.50	٠,		No.of Qty.	ncrete ir	at Jalog in	Piritina Pi
Total	Sqm	Cum	Sqm	CT.	_		1 km. 0/3	1 km. 0/(兴
,1	11		ù.		res	Rate	390 to 0,	00 to 0/5	19.40 A. C.
				6	In words		/585)	585 (SH:-	
_	Per Square Metre	Per cubic metre	Per Square Metre	7		Unit	Time:- One Months.	Earnest Mo	Estimated
				8		Amount	Months.	Earnest Money:- 9000.00	Estimated Cost:- 4,37,684

Executive Engineer, Shimla Rural Division, HPRIVD. Dhami, 55,

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	Repair of pot holes and removal of loose materials trimming of sides, cleaning of surface by providing tack coat, 20 mm thick premix carpet and seal coat type-b specification clause 1904.2,503 and 508.1, including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	2		Description of Work	Anu km. 0/00 to 5/00) Job No. II	Providing and laying patch work from palyar to Jamog km. 0/00 to 1/225 & Mandhorghat to Time:- One Months.	Name Of Work: - A/R & M/O on various roads of Suni II section under HPPWD Suni (SH;-	Schedule Of Quantity
	1315.00			No.of Qty.	8	km. 0/00	I section i	tity
Total Rs.	Sqm	4				to 1/225	under HPI	2400
		5	In figures	Rate		& Manc	ws dwo	ĢT.
		6	In words		Y	lhorghat to	ni (SH;-	
	Per Square Metre	7		Unit		Time:- One	Earnest Mo	Estimated (
		8		Amount		e Months.	Earnest Money:- 10000.00	Estimated Cost:- 4.90,495

Executive Engineer, Shimly Rural Division, HP, PWD, Dhami

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	repair of pot holes and removal of loose materials trimming of sides, cleaning of surface by providing tack coat, 20 mm thick premix carpet and seal coat type-b specification clause 1904.2,503 and 508.1, including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	2		Description of Work	Anu km, $0/00$ to $5/00$) 766 Mo /	name Of work :- A/K & M/O on various roads of Suni II section under HPPWD Suni (SH;-	Schedule Of Quantity
	1315.00	3		No.of Qty.	km. 0/00	I section ι	tity
Total Rs.	Sqm	4			to 1/225	ınder HPF	THE PARTY
		5	In figures	Rate	& Mand	WD Su	121
		6	In words		t to	ni (SH;-	M.
	Per Square Metre	7		Unit	Time:- One Months.		Estimated (
		8		Amount	Months.	Earnest Money:- 10000.00	Estimated Cost:- 4.90,495

Executive Engineer, Shimla Rural Division, HP,RND, Dhami, John

				10:01			
				Total Rs.			
						Charge	
						all leads and lifts and as per the direction of Engineer in	
						1804. Z, 300 and 300. I , including carriage of materials	
	יזוכוו כ			10000		tonk o and and ans 1 including carriage of materials with in	
	Motro			Sam	133463	thick premix carpet and seal coat type-b specification clause	_
	Per Square					of sides, cleaning of surface by providing tack coat, 20 illin	-
						Repair of pot holes and removal of loose materials trimming	7-4
							+
o	,	6	S	4	3	2	-
0	1						
		In words	In figures			7	
	Olive		Rate		No.of Qty.	Description of Work	SNO
Amount	IInit		,			1	
						Repair of pot holes on Kd. Between Km. 5/00 to 6/00	Repair
Illie: One monera	THIEF. OF						A STANDARD
no Months	71		100/00	VIII.0/00	TIME LOGIC	Name Of Work :- A/R & M/O on Gilananatti Nem a bilukno road kiii:0/00 to c/00/00 to ci	Name (
Earnest Money:- 10000.00	Earnest M	SH:	100/800	100/0 mg	לבסיד החללו	Script A /D 0 M /O an Chanahatti Mahin Dhi	
100000					CHCHICKEY	ocheduje or	0.28%
Estimated Cost: - 4,9/,81/.00	Estimated	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	一日 田田 日本社	Talent White	mantity	Schodulo Of Quantity	
01 04 10 00							-

Executive Engineer, Shimla Rural Division, HP MDD, Dhami.

利力の から 新り付

Estimated Cost: 4,9906 Earnest Money: 10000. Time: One Months.	Schedule Of Quantity e Of Work:- A/R & M/O on Ghanahatti Nehra Bhukho road km.0/00 to 8/00 (SH:- ir of pot holes on Rd. Between km. 6/00 to 7/00)
Time: One Months.	
Earnest Money:- 10000.	e Of Work :- A/R & M/O on Ghanahatti Nehra Bhukho road km.0/00 to 8/00 (SH:-
Estimated Cost:- 4,9906	Schedule Of Quantity

				Total Rs.			
Ге	Per Square Metre			Sqm	1337.97	Repair of pot holes and removal of loose materials trimming of sides, cleaning of surface by providing tack coat, 20 mm thick premix carpet and seal coat type-b specification clause 1904.2,503 and 508.1, including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	a de la composição de l
œ	7	9	5	4	3	2	
		In words	In figures				
Amount	Unit		Rate		No.of Qty.	Description of Work	S.No
)ne	Time:- One Months.					Repair of pot holes on Rd. Between km. 6/00 to 7/00)	Repair
Mon	Earnest Money:- 10000.00	SH:-	to 8/00 (SH:-	km.0/00	ıkho road	Name Of Work :- A/R & M/O on Ghanahatti Nehra Bhukho road km.0/00 to	Name (
og p	Estimated Cost: 4,99063.00	F 7	2 - 1 B	A map	uantity	Schedule Of Quantity	

Executive Engineer, Shimla Rural Division, HP, MD, Dhami.

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					Tatal Da		Clarge:	
							Charge and link and as per the direction of Englisher in	
_							and life and as por the direction of Engineer in	
_							1904.2,503 and 508.1, including carriage of materials with in	_
_		Мете			Oq.	1001.51		
_	i	T CL UTAGE			Sam	1337 07	thick premix carpet and seal coat type-b specification clause	
	TP.	Per Sonare					of sides, cleaning of surface by providing tack coat, 20 IIIIII	
							Repair of pot holes and removal of loose materials trimming	_
_								_
	α	7	6	5	4	S	2	•
_								
			In words	In figures				0.110
_	THE COURT	ОПИ		Kate		No.of Qty.	Description of Work	CNO
	Amount	Ilmit						-
							Repair of pot holes on Rd. Between km. 7/00 to 8/00)	Repai
_	Time:- One Months.	Time:- C					Name of Work - D/ N & Pr/ O on Gramanian	Maille
			711.	(0 0/00 (211	KIII.U/UU	kho road	Of Work - A /R & M /O on Ghanahatti Nehra Bhu	· Nichary
	Farnest Money:- 10000.00	Farnest	.H.	5 00/ O	0 /00			3
		200000000000000000000000000000000000000	1	254 1152	1	uantity	Schedule Of Quantity	(fi
	Estimated Cost: - 4,95,986.00	Fstimate		35.70				1

Executive Engineer,
Shimla Rund Division,
HP, Phys., Dhami.

				15-4			
						this account.	
						quoted accordingly. nothing extra shall be applicable on	
						formula approved by the department. The rate should be	
	1					Charge. The work Should be Executed as per Job Mix	
						all leads and lifts and as per the direction of Engineer-in-	
						Clause No. 508. including entire carraige of materials upto	
						the desired compaction as per MORT&H Specification	
						smooth wheeled vibratory and tandem rollers to achieve	
	1					required grade, level and alignment and rolling with	
						Hydrostatic paver finisher with sensor control to the	
						transporting the hot mix to site of work, laying with a	
						binder @ 5.40 to 5.60 percent of mix and filler,	
						aggregates of specified grading, premixed with bituminous	
						an average output of 75 tonnes per hour using crushed	
	Мете					100-120 TPH capacity batch type Hot Mix Plant producing	
re	Per Square			Sqm	1235.1	Providing & laying 30mm thick Bituminous concrete with	
8	7	6	2	4	ω	2	1
		In words	In figures				
Amount	Unit		Rate		No.of Qty.	Description of Work	S.No
					,	(UNDER NABARD)	(UNDER
Time:- One Months.	Time:- C	0)0 to 7/0	500 & 5/0	/00 to 3/	holes in B.C. 30 mm thick Bitumious Conctere in km. $2/00$ to $3/500 \& 5/00$ to $7/00$	holes in l
Earnest Money:- 10000.00	Earnest l	f pot	Repair o	/00 (SH:-	.0/00 to 7	Name Of Work :- A/R & M/O on Gharag Nalta road km.0/00 to 7/00 (SH:- Repair of pot	Name Of
Estimated Cost:- 4,99,351.00	Estimate		67 年 1 年	1 175	ity	Schedule Of Quantity	Charles.

Executive Engineer, Shimla Rural Division, HPOVD, Dhami.

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A/R & M/O on Shoghi Dari road km. 0/00 to 6/150 & Hanuman Mandir Trari road km. 0/00 to 2/395 (SH:- Repair of pot holes between km. 0/00 to 6/150 & 0/00 to 2/395) S.No Description of Work 1 The maintenance of drains include erosion, repair, cleaning, reshaping, regrading, deepening of side drains as well as catch water drains as per technical specification Clause 1907. including carriage of materils within all leads and lifts and as per the direction of Engineer-In-Charge. Schedule Of Quantity Hanuman Mandir Trari road km. 0/00 Earnest Money:- 10000.00 Time:- One Months. No.of Qty. In figures In words 7 8 Per Square Metre Metre Total Rs.								-	
			ш		S.No		to 2/395	A/R & N	
		The maintenance of drains include erosion, repair, clearing, cleaning, reshaping, regrading, deepening of side drains as well as catch water drains as per technical specification Clause 1907. including carriage of materils within all leads and lifts and as per the direction of Engineer-In-Charge.	2) 		(SH:- Repair of pot holes between km. 0/00 to 6/15	A/O on Shoghi Dari road km. 0/00 to 6/150 & Hant	
		2785.57	3		lo.of Qty.		0 & 0/00	ıman Mar)uantity
		Sqm	4				to 2/3	ndir T	1,2000
			5	In figures	Rate	r	95)	rari roa	17 17
Estimated Cost:- 4,99,536 Earnest Money:- 10000.00 Time:- One Months. Unit Amount 7 8 Per Square Metre Per Square	Total Rs.		6	In words		4		d km. 0/00	
st:- 4,99,536 sy:- 10000.00 lonths. Amount 8		Per Square Metre	7			<u> </u>	Time:- One M	Earnest Mone	Estimated Cos
			8		Amount	W 7211 +	lonths.	y:- 10000.00	st:- 4,99,536

Executive/Engineer,
Shimla Rural Division,
HP,PWD, Dhami:

	C	ω	2	_	_	No. of	z
		Providing and laying bituminous concrete 30 mm (thirty milimetre) thick with 100-120 (one hunderd -one hundred twenty) TPH batch type hot mix plant producing an average output of 75 (seventy five) tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 to 5.6 (five point four to five point six) per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 509 (five hundred nine) complete in all respects. The work should be executed as per job mix formula approved by the department. The rates should be quoted accordingly, nothing extra shell be applicable on this account.	Providing and applying tack coat with Bitumen emulsion (RS-I) using emulsion distributor at the rate of 0.25 to 0.30 kg, per sqm. On the prepared bitumenous surface cleaned with Hydarulic broom as per Technical Specification Clause 503. including entire carriage of materials upto all leads and lifts and as per thedirection of Engineer in Charge	Laying, Spreading and compacting stone aggregate of specified size to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road / vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate,watering and compacting to the required density, including supplying and stacking at site 53 mm to 22.4 mm size stone aggregate (G-III) including all other incidental charges & carriage of material upto all leads and lifts as per the direction of Engineer-in-Charge.	2	Sub head and items of work	Name of Work: - Annual Repair and Maintenance on Shimla Nalagarh Road Km. 6/900 to 22/00 (SH: Repair of Pot Holes and Patch work in Km. 6/900 to 10/00) Job No- I
		29.04	968.00	40.44		Qty.	to 22/00 (S
	-	Cum	Sqm.	Cum			H: Rep
			0	4	figures	7	air of Pot
					In Words	Rate	Estimated C Earnest Mor
· Oval.	Total:	Per Cubic Metre	Per Square Metre	Per cubic metre	6	Onn	ost: - Rs 470 ney: - Rs. 10 One Month
				,	1		Estimated Cost: - Rs 478010 /- Only Earnest Money: - Rs. 10000 /-only Time: - One Month

Note: (i) All the material will procured by the contractor him self.



Name of Work: - Annual Repair and Maintenance on Shimla Nalagarh Road Km. 6/900 to 22/00 (SH: Repair of Pot Holes and Patch work in Km. 6/900 to 10/00) Job No- II Estimated Cost: - Rs 481276 /- only Earnest Money: - Rs. 10000 /-only Time: - One Month

	, I otal:					0
	Per Cubic Metre			28.66 Cum	Providing and laying bituminous concrete 30 mm (thirty milimetre) thick with 100-120 (one hunderd -one hundred twenty) TPH batch type hot mix plant producing an average output of 75 (seventy five) tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 to 5.6 (five point four to five point six) per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 509 (five hundred nine) complete in all respects. The work should be executed as per job mix formula approved by the department. The rates should be quoted accordingly, nothing extra shell be applicable on this account.	ω
	Per Square Metre			955.20 Sqm.	Providing and applying tack coat with Bitumen emulsion (RS-I) using emulsion distributor at the rate of 0.25 to 0.30 kg, per sqm. On the prepared bitumenous surface cleaned with Hydarulic broom as per Technical Specification Clause 503. including entire carriage of materials upto all leads and lifts and as per thedirection of Engineer in Charge	2
	Per cubic metre			44.10 Cum	Laying, Spreading and compacting stone aggregate of specified size to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road / vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate,watering and compacting to the required density. including supplying and stacking at site 53 mm to 22.4 mm size stone aggregate (G-III) including all other incidental charges & carriage of material upto all leads and lifts as per the direction of Engineer-in-Charge.	ش
7	6	5	4	S	2	1
		In words	figures			No.
Amount	Unit	Rate	R	Qty.	Sub head and items of work	s.

Note: (i) All the material will procured by the contractor him self.

-Executive Engineer, Shimla Rural Division HannyD, Dhami.

Schedule Of Quantity Name Of work: A/R & M/O on Galog Nehra Okhroo road km. 0/00 to 12/	Quantity oad km. 0	/00 to 12	/00 (SH:-Repair		Estimated Cost:- 4,96,412 .00 Earnest Money:- 10000.00	Cost:-
of pot holes in km. $0/00$ to $0.2/00$)	oau Mili. o	100 00 14	/ 00 (0	1	Time:- One Months.	5
S.No Description of Work	No.of Qty.		Rate		Unit	Amount
			In figures	In words		
2	ယ	4	5	6	7	
Repair of pot holes and removal of loose materials trimming of sides, cleaning of surface by providing tack coat, 20 mm thick premix carpet and seal coat type-b specification clause	1330.863	Sqm			Per Square Metre	
all leads and lifts and as per the direction of Engineer in Charge.						-
		Total Rs.				

Executive Engineer, Shimla Rural Division, HP,PWD Dhami.

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COMMITTE	

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		in Charge including carriage of materials in all leads and lifts.	stacks of proper size as per HP.PWD. Specification, and as per the direction of Engineer	1 Supplying and Stacking of dry mixed hard fuel wood of small size and stacked in proper	Name of Work: - A/K & M/O to various roads under Soghi Sub Division (SH: - Supply and stacking of dry mixed Hard fuel wood for				I b No		Description of work
				142.000 qtl. Per	dy and stacki						Qty.
	S	ntle	Qui	Per	ng o						Unit
					f dry m			is a	S	Figure	RA
					ixed Hard	Time: -	Earnest Mor	Estimated C		Figure Words	RATE In
					fuel wood for	One month	2000.00	99400.00	L	Rs.	AMOUNT

Executive Engineer Shing Rura Division HPP Dy Duami