



**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

Telephone No: 01782-233017

e-mail: ee-ram-hp@nic.in

No. PW/ RMP/TA-I/Publication/2021-

To

15089

Dated:- 13-01-2022

The Executive Engineer (IT Cell),
Nigam Bihar, H.P. Shimla-2.

Subject:- Publication of tender Notice.

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

DA: - As above.

Executive Engineer,
Rampur Division HPPWD,
Rampur Bushahr



**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

Telephone No: 01782-233017
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NOTICE INVITING TENDER

Sealed item rate tender(s) on PWD form No. 6 & 8 are hereby invited by the Executive Engineer, B&R Division, HPPWD, Rampur Distt. Shimla (HP) on behalf of the Governor of H.P. for the following works from registered contractors in HP.PWD (B&R) in appropriate class so as to reach in this office on **22.01.2022** upto 10:30 A.M. and will be opened on the same day at 11:00 A.M. in the presence of contractors or their authorized representative who wish to be present at that time. The application for obtaining the tender form will be received on **20.01.2022** between 10:00 A.M. to 2:00 P.M. The tender form can be had from this office against cash payment (Non-refundable) on **21.01.2022** between 02:00 PM to 5:00 PM.

The earnest money in the shape of National Saving Certificate/Time Deposit Account/ Saving Account of the Post office in Himachal Pradesh duly pledged in favour of the Executive Engineer, B&R Division, HP. PWD, Rampur Bushahr Distt. Shimla H.P. must accompany with the tender form. Ambiguous/Telegraphically/conditional tenders or tender by FAX shall not be entertained/considered in any case. The tenders without earnest money shall summarily be rejected. The offer of the tender shall be kept open for 90 days. The Executive Engineer, B&R Division, HP.PWD, Rampur Bushahr reserve the right to reject/accept any offer of tender without assigning any reasons.

- WORK No-1** A/R & M/O Keo Koot Kinfir road Km. 0/000 to 13/510 (SH:- Deployment/Hiring of JCB/Excavator-cum-loader for removal of minor slips and clearance of side drains at various RDs) **ESTIMATED COST** Rs.1,98,150/- **EARNEST MONEY** Rs.4,000/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-2** A/R & M/O HPPWD Rest House at Nankhari Distt. Shimla (SH:- Painting, distempering and other repair works) **ESTIMATED COST** Rs.2,57,309/- **EARNEST MONEY** Rs.5,200/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-3** R/R damages on Dansa Panoli Damni Shandal road Km. 0/000 to 6/150 (SH:- Deployment/Hiring of JCB/Excavator-cum-loader for removal of minor slips and clearance of side drains at various RDs) **ESTIMATED COST** Rs.2,77,410/- **EARNEST MONEY** Rs.5,500/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-4** C/O storage tank at MGMSC Hospital Khaneri in Tehsil Rampur Distt. Shimla (SH:- C/O RCC storage tank 30000 ltr. Capacity flat slab) **ESTIMATED COST** Rs.3,76,314/- **EARNEST MONEY** Rs.7,600/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-
- WORK No-5** A/R & M/O various roads under Rampur Division HPPWD Rampur (SH:- Supplying & stacking course sand at site in different Km. on various roads under Rampur Division) **ESTIMATED COST** Rs.1,89,000/- **EARNEST MONEY** Rs.3,800/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-6** R/R damages on Khanog Sholi road Km. 0/000 to 4/500 (SH:- C/O PCC R/wall at RD 2/368 to 2/382) **ESTIMATED COST** Rs.3,42,176/- **EARNEST MONEY** Rs.6,900/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-7** R/R damages on Tikkar Jarol Gahan Nanakhari Khamadi road Km. 0/000 to 52/000 (SH:- C/O wire crate B/wall RD 23/400 to 23/420) **ESTIMATED COST** Rs.1,57,054/-

EARNEST MONEY Rs.3,200/- TIME LIMIT:- One Month COST OF FORM Rs. 350/-

WORK No-8 R/R damages on Tikkar Jarol Gahan Nanakhari Khamadi road Km. 0/000 to 52/000 (SH:- C/O wire crate B/wall RD 23/400 23/420) **ESTIMATED COST Rs.1,57,054/- EARNEST MONEY Rs.3,200/- TIME LIMIT:- One Month COST OF FORM Rs. 350/-**

WORK No-9 A/R & M/O Residential accommodation of type-III Qtr. P-8 at Rampur (SH:- Demolition, painting and other repair work) **ESTIMATED COST Rs.4,63,923/- EARNEST MONEY Rs.9,300/- TIME LIMIT:- One Month COST OF FORM Rs. 350/-**

WORK No-10 C/O Bharenidhar Khaneouli road Km. 0/000 to 2/300 (SH:- Deployment/Hiring of JCB/Excavator-cum-loader for formation cutting in Km. 1/210 to 2/20) **ESTIMATED COST Rs.2,24,570/- EARNEST MONEY Rs.4,500/- TIME LIMIT:- One Month COST OF FORM Rs. 350/-**

WORK No-11 R/R damages on Rattanpur Uchi Shah Dofda road Km. 0/000 to 16/760 (SH:- C/O wire crate B/wall at RD 15/375 to 15/418.60) **ESTIMATED COST Rs.2,52,033/- EARNEST MONEY Rs.5,100/- TIME LIMIT:- One Month COST OF FORM Rs. 350/-**

WORK No-12 Repair & maintenance of Principal Residential Accommodation of Govt. I.T.I. Rampur Bsr. Distt. Shimla (SH:- Painting, Distempering and other repair work) **ESTIMATED COST Rs.1,46,679/- EARNEST MONEY Rs.3,000/- TIME LIMIT:- Two Months COST OF FORM Rs. 350/-**

WORK No-13 Repair & maintenance of approach road to MMV workshop staff toilet & boys/girl toilet to Govt. I.T.I Rampur Distt. Shimla (SH:- Civil work & Sanitary work etc.) **ESTIMATED COST Rs.4,50,315/- EARNEST MONEY Rs.9,000/- TIME LIMIT:- Two Months COST OF FORM Rs. 350/-**

WORK No-14 Improvement of self inspected black spots on Bhadrash Brandli road Km. 0/000 to 34/000 (SH:- ROFD at RD 6/435 to 6/495, 6/540 to 6/585, 6/930 to 6/960, 10/720 to 10/765 and 17/525 to 17/555) **ESTIMATED COST Rs.4,10,477/- EARNEST MONEY Rs.8,300/- TIME LIMIT:- One Month COST OF FORM Rs. 350/-**

WORK No-15 Improvement of self inspected black spot on Shaloon Kainchi Faulaghat Beunthal road Km. 0/000 to 15/000 (SH:- Removal of formation deficiency in Km. 6/450 to 6/510 by back cutting) **ESTIMATED COST Rs.2,22,407/- EARNEST MONEY Rs.4,450/- TIME LIMIT:- One Month COST OF FORM Rs. 350/-**

WORK No-16 A/R & M/O Rampur Gaura Mashnoo road Km. 0/000 to 61/000 (SH:- C/O PCC R/wall at RD 3/175 to 3/186 and 10/235 to 10/245) **ESTIMATED COST Rs.1,32,066/- EARNEST MONEY Rs.2,700/- TIME LIMIT:- One Month COST OF FORM Rs. 350/-**

WORK No-17 R/R damages Rattanpur Uchi Dofda road Km. 0/000 to 16/760 (SH:- C/O R/wall at RD 16/105 to 16/126.60 and B/wall at RD 16/120 to 16/124) **ESTIMATED COST Rs.2,52,132/- EARNEST MONEY Rs.3,100/- TIME LIMIT:- One Month COST OF FORM Rs. 350/-**

WORK No-18 Action plan for improvement of self identified black spot on approach road to brow bridge via G.S.S.S. Rampur Km. 0/000 to 0/540 (SH:- P/F steel railing at Km. 0/417 to

0/518 and C/O of R/wall at Km. 0/360 to 0/365) **ESTIMATED COST** Rs.4,62,685
EARNEST MONEY Rs.9,300/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-19 Annual repair & maintenance of link road to circuit house at Rampur Distt. Shimla (SH: C/O R/wall at RD 0/192 to 0/207) **ESTIMATED COST** Rs.4,84,998/- **EARNES**
MONEY Rs.9,700/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

WORK No-20 A/R & M/O residential accommodation of Type-II Qtr. No. 75 at Nogli in Teshil Rampu
Distt. Shimla (SH:- Painting distempering and other repair work) **ESTIMATED COS**
Rs.1,53,682/- **EARNEST MONEY** Rs.3,100/- **TIME LIMIT:-** One Month **COST O**
FORM Rs. 350/-

WORK No-21 R/R damages on Chakti Dhadhara road Km. 0/000 to 3/000 (SH:- C/O b/wall wire crat
at RD 1/950 to 1/975) **ESTIMATED COST** Rs.2,50,756/- **EARNEST MONEY**
Rs.5,100/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-22 S/R to HDO residence at Khopri (SH:- Demolition painting and other repair work
ESTIMATED COST Rs.1,28,681/- **EARNEST MONEY** Rs.2,600/- **TIME LIMIT:**
Two Months **COST OF FORM** Rs. 350/-

WORK No-23 R/R damages on Baltidhar Damrali road Km. 0/000 to 3/300 (SH:- Deployment/Hiring o
JCB/Excavator-cum-loader and tipper for removal of slips clearance of blocked side drain
and dressing of berms in Km. 0/000 to 3/000) **ESTIMATED COST** Rs.4,95,375/-
EARNEST MONEY Rs.10,000/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs
350/-

WORK No-24 R/R damages on Lelan Kalaanth Jhinjnoo road Km. 0/000 to 12/000 (SH:- C/O wire crate
R/wall at RD 4/648 to 4/660, 4/945 to 4/955 & B/wall at RD 6/890 to 6/897.20/
ESTIMATED COST Rs.2,24,575/- **EARNEST MONEY** Rs.4,500/- **TIME LIMIT:-**
One Month **COST OF FORM** Rs. 350/-

WORK No-25 C/O Chakti Dadhara road Km. 0/000 to 3/000 (SH:- C/O wire crate B/wall & dry
masonry at RD 0/015 to 0/030) **ESTIMATED COST** Rs.2,58,196/- **EARNEST**
MONEY Rs.5,200/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-26 C/O 5/7 metre wide road from Jhinjnu to Sharog Km. 0/000 to 2/457 (SH:- Formation
cutting 5/7 metre wide in Km. 0/000 to 0/135) **ESTIMATED COST** Rs.4,78,017/-
EARNEST MONEY Rs.9,600/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs.
350/-

WORK No-27 R/R damages on Khanog Sholi road Km. 0/000 to 4/500 (SH:- C/O PCC R/wall at RD
2/420 to 2/430) **ESTIMATED COST** Rs.3,42,176/- **EARNEST MONEY** Rs.6,900/-
TIME LIMIT:- One Month **COST OF FORM** Rs. 350/-

Terms and conditions:-

1. The contractors/firms are required to quote their rates clearly both in words as well as in figures, failing which the tender is liable to be rejected.
2. The contractor will produce show their enlistment/renewal documents at the time of obtaining tender form.
3. Latest Income tax and sale tax clearance certificates as well as Pan Number and GST number must be attached with the application failing which tender documents will not be issued.
4. The tender forms will be issued to only those contractors who have not more than two works in hand in any of HP.PWD. Circles.

5. The contractor will have to submit the proof. of registration under Employees Provident Funds & Miscellaneous provision Act. 1952 at the time of tender. Failure to observe condition shall render the tender of the contractor liable to summary rejection.

No: - RMP/Tender/2021

15090-94

Dated:-

Executive Engineer,
Rampur Division (B&R),
HPPWD, Rampur Bsr.

13-01-2022

Copy forwarded for information:-

1. The Engineer-in-Chief, HP,PWD Nirman Bhawan, Nigam Vihar, Shimla-II.
2. The Superintending Engineer 11th Circle HPPWD, Shimla.
3. The SDM (Civil) Rampur.
4. The Panchayat Samiti Rampur.
5. Copy to Notice Board.

Executive Engineer,
Rampur Division (B&R),
HPPWD, Rampur Bsr.

CERTIFICATE

The tender invited vide this office letter No. PW/RMP/TA/Tender/2021-15090-94 dated 13.01.2022 i.e. Job No. 1 to **27** are of emergent in nature and are urgently required for the repair/restoration work.

Executive Engineer,
Rampur Division (B&R),
HPPWD, Rampur Bsr.

SCHEDULE OF QUANTITY

Estimated cost:- **198150.00**
Earnest money:- **4000.00**
Time:- One Month

Name of work: A/R & M/O Keo Koot Kinf road km. 0/000 to 13/510.

(SH:-Deployment/Hiring of JCB/Excavator-cum loader for removal of minor slips and clearance of side drains at various RDs).

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Hiring of earth cutting / excavating machinery of 0.75 cubic metre bucket capacity @ 20.00 cubic metre per hour loading capacity to be deployment for earth cutting /excavation /filling /slips and clearance of blocked side drain etc. including cost of fuel oil lubricant and wages of operating staff . Any repair/breakage during operation will be carried out by the contractor /owner at his own risk. Shifting of machinery from one place to other place will be absolute responsibility of the contractor and no payment will be made for the same . Only actual working hours will be accounted for the payment . Cutting in earth work/ removal of slips in all kinds of soil including loading in Tippers/ Trucks, removal / disposal of the same in all leads and lifts to the entire satisfaction of Engineer-in-charge.	150.00	Per Hour			
					Total:-	

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:-

257309.00

Earnest money:-

5200.00

Time:-

One month

ne of Work:- A/R & M/o HP PWD Rest House at Nankhari Distt. Shimla (H.P.)

(SH:- Painting, Distempering and other repair works).

o	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	Repair to plaster of 12mm to 20 mm patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I	87.68	Per Sqm.			
2	15mm cement plaster in single coat on rough side of rick/concrete/stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth Cement Mortar 1:4 (1 cement:4 sand) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	13.92	Per Sqm.			
	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	666.75	Per Cum..			
	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	321.57	Per Sqm.			

	painting with plastic emulsion paint of approved and manufacture to give an even shade One or more coats on old work including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer- in-Charge.	513.93	Per Sqm.			
	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	512.74	Per Sqm.			
7	Removing dry 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 material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	668.40	Per Sqm.			

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- 277410.00

Earnest money 5500.00

Time One Month

NAME OF WORK:-R.R Damages on Dansa ,Panoli,Damni,Shandal road km 0/000 to 6/150

(SH:-Deployment/Hiring of JCB/Excavator-cum loader for removal of minor slips and clearance of side drains at various RD's)

Sr.No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Hiring of earth cutting / excavating mechnery of 0.75 cubic metre bucket capacity @ 20.00 cubic metre per hour loading capacity to be depolyment for earth cutting /excavation /filling /slips and clearance of blocked side drain etc. including cost of fuel oil lubricant and wages of operating staff . Any repair/breakage during operation will be carried out by the contractor /owner at his own risk. Shifting of machinery from one place to other place will be absolute responsibility of the contractor and no payment will be made for the same . Only actual working hours will be accounted for the payment . Cutting in earth work/ removal of slips in all kinds of soil including loading in Tippers/ Trucks, removal / disposal of the same in all leads and lifts to the entire satisfaction of Engineer-in-charge.	210.00	Per Hour			
					Total:-	

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:-

376314.~

Earnest money:-

0.00

7600.00

Time:-

Two months

me of work:- C/O storage tank at MGMSC Hospital Khaneri in Tehsil Rampur Distt. Shimla H.P.

(SH:- C/O RCC storage tank 30000 ltr. capacity flat slab)

(Self Deposit)

No	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	Earth work 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 a lead of 50 metre, dressing of sides and bottom and back filling in trenches with excavated suitable material in all kinds of soil upto 3 metre depth . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	84.45	Per Cum.			
2	Providing and laying cement concrete 1:4:8 (1 cement:4 sand:8 graded stone aggregate 40mm nominal size) including curing & cost of centring and shuttering in Foundation and plinth including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	2.83	Per Cum.			

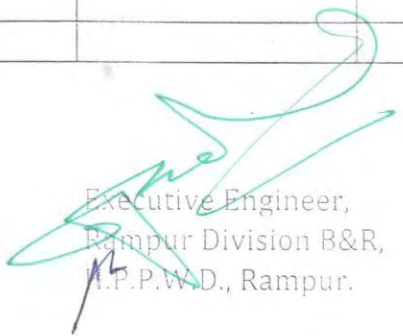
i)	Providing and laying cement concrete 1:1:2 (1 cement : 1 Sand : 2 graded stone aggregate 20 mm nominal size) and curing complete excluding cost of form work & reinforcement for reinforced concrete work in Foundations, footings, bases for columns and the like & mass concrete including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	3.79	Per Cum.			
i)	Providing and laying cement concrete 1:1:2 (1 cement : 1 Sand : 2 graded stone aggregate 20 mm nominal size) and curing complete excluding cost of form work & reinforcement for reinforced concrete work walls (any thickness but not less than 0.10 mts. thickness) attached pilasters, butteresses, plinth & string courses etc. from top of foundation level upto floor two level including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	7.73	Per Cum.			
(i)	Providing and laying cement concrete 1:2:4 (1 cement:2 Sand:4 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work & reinforcement for reinforced concrete work in Suspended Floor roofs, landing and shelves and their support balconies,beams,girders,bressumers and contilever upto floor two level including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	2.12	Per Cum.			

	Providing Tor steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	1343.00	Kg.			
i)	Providing form work with steel plates 3.15mm.thick welded with angle iron in frame 30x30x5mm. so as to give a fair finish including centring, shuutering, strutting and propping etc. with wooden battens and ballies, height of propping and centring below supporting floor to ceiling not exceeding 4 Mtrs. and removal of the same for insitu-reinforced concrete & plain concrete work in Vertical surfaces such as walls (any thickness) partitions and the like including attached pillasters buttresses, plinth and string courses and the like including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	77.31	Per Sqm.			
ii)	Flat surfaces such as soffits of suspended floors, roofs, landings and the like Floors etc.upto 200mm. in thickness including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	14.43	Per Sqm.			
iii)	Edges of slabs and breaks in floors and walls under 20cm wide including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	17.17	Per Sqm.			

7	Providing in RCC work smooth finishing of the exposed surface with cement mortar 1:3 (1 cement : 3 sand) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	77.31	Per Sqm.			
8	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint :- In gratings framed guard bars, ladders, railing, brackets and similar works including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	24.56	Kg.			
9	Providing & laying in trenches GMS/MS tubes (L/M class) tube fitting (Earth work in trenches to be measured & paid for separately) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.					
(i)	Inlet and overflow pipe 50mm	12.00	Rmt.			
(ii)	Outlet pipe 32 mm	6.00	Rmt.			
(iii)	Scour pipe 40 mm	6.00	Rmt.			
10	P/F brass full way wheel valve with wheel of following size including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.					
(i)	Inlet pipe 50mm	2.00	No.			

ii)	Outlet pipe 32 mm	2.00	No.			
iii)	Scour pipe 40 mm	1.00	No.			
11	Constructing chamber for sluice valve, 1.20x1.20x1.00 mtr. size (inside)& RCC top slab in cement concrete 1:2:4 mix (1 cement : 2 Sand : 4 graded stone aggregate 20 mm nominal size)with 150mm thick walls of RCC 1:2:4 (1 cement : 2 Sand : 4 graded stone aggregate 20 mm nominal size) complete with form work & reinforcement with 8mm bars at not exceeding 150mm centres both ways including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	1.00	Each			
12	Providing & Fixing MS. Manhole cover with frame weight not to be less than 25 Kg. with locking arrangement including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	1.00	Each			
13	Excavation in foundation and trenches etc. in earthwork lift upto 1.5 mtr. Stacking of excavated earth not more than 3.00 mtr. clear from the edge of excavation and then returning the stacked soil in 15 cm layer when required into plinth, sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus earth within a lead as directed by Engineer-in-charge.	9.55	Cum.			
14	P/L jointing, testing in trenches to be levelled to grade galvanised mild steel tube light grade of following nominal dia including fittings complete within all leads and lifts as per direction to the entire satisfaction of the Engineer-in-charge					

4 (i)	40 mm	40.00	Rmt.			
15	Providing & fixing GM Gate valve (with hand wheel) as per IS:780 class upto 300mm (including brass spindle as per IS:2906 class II for dameter more than 300 mm complete with bolts, nuts, rubberinsertiion etc. (The tail pieces if required shall be measured and paid for seperately) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.					
5 (i)	40mm P/P Gate Valve	1.00	Each			


 Executive Engineer,
 Rampur Division B&R,
 H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- 189000.00
Earnest money:- 3800.00
Time One months

NAME OF WORK:- A/R & M/o various roads under Rampur Division HP PWD Rampur.

(SH:- Supplying and stacking course sand at site in different Km on various roads under Rampur Division.

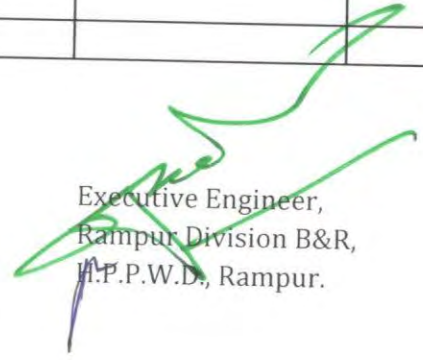
S.No.	Sub Head/ Item of Work	Quantity	Unit	Rate	Rate	Amount
				In Figure	In word	
1	Supplying and stacking course sand/fine aggregate of approved quality at site conforming to I.S - 383 or I.S 2116 - 1980 (Latest revision) MORD specifications Aug. 2004 (latest revision) clause 802.4 or 510.2.3 including hauling of material in all leads and lifts as required and as per direction of Engineer-in-charge.	140.00	Per cum			
TOTAL:-Rs.						

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SEHEDULE OF QUANTITY

Work:- R/R damages on Khanog Sholi road Km 0/0 to 4/500. (SH:- Construction of PCC Retaining at RD 2/368 to 2/382)					Estimated cost:- Rs	342176.00
					Earnest money:- Rs	6900.00
					Time:-	Two Months
Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hardd rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock(where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformately with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	24.5	Per Cum.			
2	Earth work 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 a lead of 50 metre, dressing of sides and bottom and back filling in trenches with excavated suitable material in all kinds of soil upto 3 metre depth . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	27.16	Per Cum.			
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm agregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203 including curing and carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	5.32	Per Cum.			

	Providing and laying cement concrete 1:5:10(1cement:4sand:8graded stone aggregate 40mm nominal size) and curing complete excluding cost of form work in foundation and plinth in breast and retaining walls etc . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	74.06	Per Cum.			
7	Providing and laying in weep holes of retaining walls/ breast walls 100mm dia PVC(D-Plast) pipes of working pressure not less than 4.5 Kg per sqm. as per drawing and H.P.P.W.D. technical specifications including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	21.000	Each			
8	Backfilling behind abutment, wing wall and return wall complete as per drawings technical specification clause 1204.3.8. including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	5.88	Per Cum.			


 Executive Engineer,
 Rampur Division B&R,
 H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- 157054.00
 Earnest money:- 3200.00
 Time:- One month

Name of Work:- R/R Damage on Tikkar Jarol Gahan Nankhari Khamadi road km 0/000 to 52/000
 (SH:- C/O Wire Crate B/Wall at RD 23/380 to 23/400)

Sr. No	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	Excavation for structures:- Earth work in excavation for structure in all depth as per drawing and technical specification Clause 305-1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated suitable material. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out of rock (where blasting is prohibited) as directed by the Engineer-in-Charge. all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	47.40	Per Cubic metre			
2	Providing and laying of boulder apron laid in wire crates with 4mm dia G.I. wire conforming to IS:280 and IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25Kg each as per drawing and technical specifications Clause 1301 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	64.80	Per Cubic metre.			
					Total:-	

Executive Engineer
 (B&R) Division Rampur
 H.P.P.W.D. Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- 157054.00
Earnest money:- 3200.00
Time:- One month

Name of Work:- R/R Damage on Tikkar Jarol Gahan Nankhari Khamadi road km 0/000 to 52/000
(SH:- C/O Wire Crate B/Wall at RD 23/400 to 23/420)

Sr. No	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	Excavation for structures:- Earth work in excavation for structure in all depth as per drawing and technical specification Clause 305-1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated suitable material. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out of rock(where blasting is prohibited) as directed by the Engineer-in-Charge.all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	47.40	Per Cubic metre			
2	Providing and laying of boulder apron laid in wire crates with 4mm dia G.I. wire conforming to IS:280 and IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25Kg each as per drawing and technical specifications Clause 1301 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	64.80	Per Cubic metre.			
					Total:-	

Executive Engineer
(B&R) Division Rampur
H.P.P.W.D.Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- 463923.00
Earnest money:- 9300.00
Time:- One month

Name of Work:- A/R & M/O Residential accomodation of Type-III Qtr P-8 at Rampur
SH-Demolition,Painting & other Repair work)

Sr. No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount
1	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of:G.S. Sheet Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	139.80	Sqm.			
2	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc.sal wood.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	0.43	Cum.			
3	Providing and fixing 0.60mm (Zero point sixty millimeter) thick pre-painted steel sheet of TATA/ /DUROSHINE in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyster (RNP) organic coating of 20 (Twenty) micron over 5 (Five) microns primer coating to back coat of polyster of 5 (Five) microns over 5 (Five) microns primer coating including fixing with pre-painted iron J or L hooks, bolts and nuts , 6mm diametre with prepainted limpet and rubber washers complete with all accessories as required .Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	150.94	Sqm.			
4	Providing and fixing Ply wood 5 ply with teak ply on both faces 9 mm thickincluding hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	9.53	Sqm.			
5	Repair to plaster of 12mm to 20 patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer- In-Charge.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	11.31	Sqm.			

6	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer- charge.35 mm thick shuttersincluding hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	4.68	Sqm.			
7	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 :Second class teak wood.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	3.12	Sqm.			
8	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc 15mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	12	Each			
9	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work)15mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5	Each			
10	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete :Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5	Each			
11	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion,Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge. (i) Single socketed pipes. 75mm	4	Metre			
	110mm Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	3.8	Metre			
12	Providing and fixing PVC floor trap of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete. 110 mm X 90 mm Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	3.00	Metre			

13	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 hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	59.66	Sqm.			
14	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	11.49	Sqm.			
15	Applying priming coat:-With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	177.22	Sqm.			
16	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture.Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	177.22	Sqm.			
17	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	11.31	Sqm.			
18	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	181.35	Sqm.			
19	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives (New work (Two or more coats applied @ 1.43 litre/ 10 sqm. over and incouding priming coat of exterior primer applied @ 0.90 litre/ 10 sqm.Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	84.46	Sqm.			

2	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :150mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.00	Each			
21	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete.125 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5.00	Each			
22	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :300x16 mm Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1.00	Each			
23	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:15mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1.00	Each			
24	Providing and fixing PTMT grating of approved quality and colour 100 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2	Each			
25	Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required:White vitreous china dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1	Each			
26	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1.00	Each			
27	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :15mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	4.00	Each			

28	Providing And fixing two hole basin mixing Faucet.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1	Each			
29	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings completeincluding hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1	Each			
30	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2	Each			
31	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1	Each			
32	Providing and fixing 600mm x 450 mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1	Each			
					Total:-	

*Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.*

SCHEDULE OF QUANTITY

Estimated cost:-
Earnest money
Time

224570.00
4500.00
One Months

ame of work: Construction of Bharenidhar Khaneouli Road 0/000 to 2/300.
(SH:-Deployment/Hiring of JCB/Excavator-cum loader for Formation Cutting in km 1/200 to 2/000)

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Hiring of earth cutting / excavating mechnery of 0.75 cubic metre bucket capacity to be depolyment for earth cutting /excavation /filling /slips and clearance of blocked side drain etc. including cost of fuel oil lubricant and wages of operating staff . Any repair/breakage during operation will be carried out by the contractor /owner at his own risk. Shifting of machinery from one place to other place will be absolute responsibility of the contractor and no payment will be made for the same . Only actual working hours will be accounted for the payment . Cutting in earth work/ removal of slips in all kinds of soil including loading in Tippers/ Trucks, removal / disposal of the same in all leads and lifts to the entire satisfaction of Engineer-in-charge.	170.00	hour			
					Total:-	

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:-
Earnest money:-
Time:-

252033.00
5100.00
One month

Name of work:- Restoration of rain damages on Rattanpur Uchi Shah Dofda road km 0/000 to 16/760.

(SH:- C/O wire crate B/wall at RD 15/375 to 15/418.60).

(Self Deposit)

S.No	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	77.76	Cum.			
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	20.74	Cum.			
3	Providing and laying of boulder apron laid in wire crates with 4mm dia G.I. wire conforming to IS:280 and IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25Kg each as per drawing and technical specifications Clause 1301 including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	103.68	Cum.			
					Total:-	

Executive Engineer,
Rampur Division B&R,
H.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- 146679.00
Earnest money:- 3000.00
Time:- Two months

Name of Work:-Repair & Maintenance of Principal Residential accomodation to Govt I.T.I. Rampur Distt Shimla(H.P)
(SH-Painting,Distempering & other Repair works)

Sr. No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount
1	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	211.60	Sqm.			
2	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	0.30	Cum.			
3	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer- charge.35 mm thick shutters including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	12.81	Sqm.			
4	Applying priming coat:-With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	40.37	Sqm.			
5	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture.Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	40.37	Sqm.			

	to plaster of 12mm to 20 patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer- In-Charge.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	35.00	Sqm.			
7	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	35.00	Sqm.			
8	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws :Second class hollock wood including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.17	Sqm.			
9	Painting with oil type wood preservative of approved brand including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	48.70	Sqm.			
10	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :200mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	8.00	Each			
(i)	100 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.00	Each			
12	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :300x16 mm Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2.00	Each			
13	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete.125	8.00	Each			
(i)	100 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	16.00	Each			

providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with :4.0 mm thick glass panes including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	3.85	Sqm.			
				Total:-	

*Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.*

SCHEDULE OF QUANTITY

Estimated cost:- 450315.00

Earnest money:- 9000.00

Time:- Two months

Name of Work:-Repair & Maintenace of approach road to MMV Workship,Staff toilet & boys/Girl Toilet to Govt I.T.I. Rampur , Distt Shimla(H.P)
SH-Civil work & Sanitary work etc)

Sr. No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount
1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles above 25 mm and up to 40 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	18.32	Sqm.			
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5	Each			
3	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	59.56	Sqm.			
4	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	0.28	Cum.			
5	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer- charge.35 mm thick shutters including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	9.23	Sqm.			
6	Applying priming coat:-With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	20.45	Sqm.			

7	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture.Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	20.45	Sqm.			
8	Repair to plaster of 12mm to 20 patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer- In-Charge.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	162.00	Sqm.			
9	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	162.00	Sqm.			
10	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :200mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.00	Each			
11	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :300x16 mm Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.00	Each			
12	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete.125 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	15.00	Each			
13	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with :4.0 mm thick glass panes including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	7.02	Sqm.			

14	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and, conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm 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 hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge. 600x600x10mm	32.36	Sqm.			
15	Providing and fixing vitreous China bowl pattern urinal including connection the urinal with waste pipe by means of white lead mixed with chopped hemp (waste pipe to be measured and paid for separately. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5.00	Sqm.			
16	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc 15mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	35.00	Mtr.			
17	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:15mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	6.00	Each			
18	Providing and fixing unplasticised PVC connection pipe with brass unions 15 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	6	Each			
19	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 75mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	30	Mtr.			
(i)	110mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	30	Mtr.			

20	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	4	Each			
21	Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: White vitreous china dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5	Each			
22	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5.00	Each			
23	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5	Each			
24	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5	Each			
25	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :15mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5.00	Each			
26	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete 75mm Dia	5	Each			

(i)	90 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5	Each				
27	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10sqm plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	13.95	Per Cubic metre.				
28	Providing and laying cement concrete 1:6:12 (1 Cement:6 Sand: 12 graded stone 40 mm nominal size) fir plain /reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	6.45	Per Cubic metre.				
29	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 of concrete with 25mm thick average thickness of cement mortar 1:4 (1 cement : 4 sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks i/c curing rubbing & polishing complete (Sub base concrete floor 80mm)including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	115.5	Sqm.				
30	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 hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge. 500x500x10mm	10.66	Sqm.				
Total:-							

Executive Engineer,
Rampur Division B&R,
H.P.R.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- **410477.00**
 Earnest money:- **8300.00**
 Time:- **One months**

Name of Work:- Improvement of self inspected black spots on Bhadrash Brandli Road Km. 0/000 to 34/000.
(SH:- R.O.F.D. at RD's 6/435 to 6/495, 6/540 to 6/585, 6/930 to 6/960, 10/720 to 10/765, 17/525 to 17/555).

No.	Description of items	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etcra. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification clause 1603.1 & 1603.2 to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal and dumping to be arranged by the contractor of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. The recovery for useful stones, for 128.22 cum. @ Rupees 170.00 only per cubic metre shall be effected on pro rata basis in all circumstances. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	1679.27	Per Cum.			
					Total:-	

Executive Engineer,
 Rampur Division B&R,
 W.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- **222407.00**

Earnest money:- **4450.00**

Time:- **One month**

Name of Work:- Improvement of self inspected blackspot on Shaloon Kainchi Faulaghat Beunthal Road Km. 0/000 to 15/000.
(SH:- Removal of Formation deficiencies in Km. 6/450 to 6/510 by backcutting).

S.No.	Description of items	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etcra. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification clause 1603.1 & 1603.2 to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal and dumping to be arranged by the contractor of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. The recovery	773.10	Per Cum.			
					Total:-	

Executive Engineer,
Rampur Division B&R,
N.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- 132066.00
Earnest money:- 2700.00
Time:- One month

Name of Work:- A/R & M/O Rampur Gaura Mashnoo road km 0/000 to 61/000
(SH:- C/O PCC R/Wall at RD 3/175 to 3/186 & 10/235 to 10/245)

S.No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	24.64	Per Cubic metre			
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	26.40	Per Cubic metre			
3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering 1:6:12 (1 cement : 6 coarse sand): 12 graded stone aggregate 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	3.68	Per Cubic metre			
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering 1:3:6 (1 cement : 3 coarse sand: 6 graded stone aggregate 20 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	17.84	Per Cubic metre			
5	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 drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	26.00	Each			

6	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material.as per drawing and technical specifications Clause 1301 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	8.00	Per Cubic metre			
					Total:-	

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D. Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- 252132.00
 Earnest money:- 5100.00
 Time:- One month

me of Work:- Restoration of rain damages on Ratanpur Uchi Dofda road km 0/000 to 16/760.
 (SH:- C/O R/Wall at RD 16/105 to 16/126.60 and B/wall at RD 16/120 to 16/124)

No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock(where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformance with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	22.45	Per Cubic metre			
2	Excavation for structures:- Earth work in excavation for structure in all depth as per drawing and technical specification Clause 305-1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated suitable material. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out of rock(where blasting is prohibited) as directed by the Engineer-in-Charge. all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	21.25	Per Cubic metre			

	Providing and Laying cement concrete for plain/reinforced concrete 1:5:10 (1 cement:5 sand : 10 graded stone 40mm aggregate nominal size) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including curing , cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	19.58	Per Cum.			
4	Providing and laying of boulder apron laid in wire crates with 4mm dia G.I. wire conforming to IS:280 and IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25Kg each as per drawing and technical specifications Clause 1301 including hauling of material within all leads and lifts and as per HP.PWD. specification of 1990 volume-I and as per direction of Engineer-in-Charge.	62.21	Per Cubic metre			
5	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	12.96	Per Cubic metre			

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D. Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- **462685.00**
 Earnest money:- **9300.00**
 Time:- **One month**

Name of work:- Action Plan for improvement of self identified black spot on Approach road to brow bridge via G.G.S.S.S. Rampur km 0/000 to 0/540.

(Self Deposit)

(SH:- P/F steel railing at Km. 0/417 to 0/518 & construction of retaining wall at km 0/360 to 0/365).

S.No	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	2.18	Cum.			
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	5.22	Cum.			
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	5.22	Cum.			
4	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	1407.82	Kg.			

	el work with Deluxe Multi Surface Paint to give an even shade. more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer plied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	171.40	Sqm.			
6	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	21.30	Cum.			
7	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 including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	9.05	Cum.			
8	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm agregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203.including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	4.05	Cum.			
9	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in- Charge.	2.35	Cum.			

	Masonry work in cement mortar 1:6 Cement mortar Coursed rubble masonry (2nd sort) in foundation & super-structure complete like retaining wall, Breast walls, wing walls and similar works etc. in all heights complete as per drawing and technical specification for rural roads under Clauses 702, 704, 1202 & 1203 including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	37.94	Cum.			
11	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 drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	3.00	Each			
12	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	4.95	Cum.			
					Total:-	

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SEHEDULE OF QUANTITY

Name of Work:- Annual Repair and maintenance of link road to Circuit House at Rampur Distt. Shimla
H.P.(SH:- Construction of Retaining wall at RD 0/192 to 0/207).

Estimated cost:- Rs	484998.00
Earnest money:- Rs	9700.00
Time:-	Two Months

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock(where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformately with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	16.07	Per Cum.			
2	Providing and laying cement concrete 1:3:6(1 cement:3 sand : 6 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in Retaining walls , Breast walls etc. complete as per drawing and technical specification clauses 802,803, 1202 and 1203 including curing and carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	83.98	Per Cum.			
3	Providing and laying in weep holes of retaining walls/ breast walls 100mm dia PVC(D-Plast) pipes of working pressure not less than 4.5 Kg per sqm. as per drawing and H.P.P.W.D. technical specifications including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	35.000	Each			

Backfilling behind abutment, wing wall and return wall complete as per drawings technical specification clause 1204.3.8. including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	29.58	Per Cum.			

Executive Engineer,
Rampur Division B&R,
H.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- 153682.00
Earnest money:- 3100.00
Time:- One month

Name of Work:-A/R & M/O Residential accomodation of Type-II qtr.75 at Nogli in Distt. Shimla (H.P.)

(SH-Painting ,Distempering & other Repair work)

S.No	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	Demolishing lime concrete manually/ by mechanical means and disposal of material within 50 metres lead including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	0.47	Cum.			
2	Repair to plaster of 12mm to 20 patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	18.32	Sqm.			
3	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	46.14	Sqm.			
4	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 :Second class teak wood including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	4.91	Sqm.			
5	Providing and fixing 10mm thick antiskid water proof stain and impct resistant heavy duty vetrified tiles Nitco or equivalent 600x600mmx10mm manufactured of approved shade and colour in flooring, treads of steps and landings laid over 12mm thick cement mortar 1:3 (1 cement : 3 sand) jointed with cement slurry mixed with pigment to match the shade of tiles as required complete including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	31.32	Sqm.			

	work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	108.01	kg			
7	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	2000	Per/L			
8	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	6.00	Sqm.			
9	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc 15mm including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	12	Each			
10	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) 15mm including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	4	Each			
11	Providing and fixing G.I. SOCKETS : 20mm including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	4	Each			
12	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand): 4 graded stone aggregate 12.5mm nominal size) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	10.50	Sqm.			
13	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	232.19	Sqm.			

tempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	232.19	Sqm.			
				Total:-	

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:-

250756.00

Earnest money:-

5100.00

Time:-

One month

of Work:- R/R Damages on Chakti Dhadhara road km 0/000 to 3/000.

(SH:- C/O B/wall wire crate at Rd 1/950 to 1/975).

S.No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	30.35	Cum.			
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	8.10	Cum.			
3	Providing and laying of boulder apron laid in wire crates with 4mm dia G.I. wire conforming to IS:280 and IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25Kg each as per drawing and technical specifications Clause 1301 including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	40.80	Cum.			
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	28.80	Nos.			
					Total:-	

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- **128681.00**
 Earnest money:- **2600.00**
 Time:- **One month**

Name of Work:-S/R to HDO Residence at Khopri.
 (SH-Demolition,Painting & other Repair work)

S.No.	Description of items	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	2.41	Cum.			
2	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	0.02	Cum.			
3	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer- charge. 35 mm thick shutters including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	1.04	Sqm.			
4	Applying priming coat:-With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) sqm 38.95 including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	2.07	Sqm.			
5	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	4.14	Sqm.			

6	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in :cement mortar 1:4 (1 cement : 4 coarse sand) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	2.79	Sqm.			
7	15 mm cement plaster on the rough side of single or half brick wall of mix :1:4 (1 cement: 4 fine sand) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	17.72	Sqm.			
8	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	17.72	Sqm.			
9	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	17.72	Sqm.			
10	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc 15mm including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	60.00	R/M			
11	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	1000.00	Per/L			
12	Providing and fixing uplasticised PVC connection pipe with brass unions 15 mm including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	12.00	Each			

13	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 75mm including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	12.00	Mtr.			
14	Providing and fixing 100 mm size 'P' or 'S' trap for water closet (squatting pan)including jointing the trap with the pan and soil pipe in cement mortar 1:1(1 cement : 1 sand) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	8.00	Each			
15	Providing and fixing brass stop cock of approved quality 15 mm nominal bore including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	6.00	Each			
16	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	4.00	Each			
17	Providing and fixing PTMT grating round 100 mm including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	4.00	Each			
18	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, .75 mm diameter including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	38.00	metre			
19	Providing and fixing PVC P trap(i)110 mm including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	8.00	Each			

20	Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: White vitreous china dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	1.00	Each			
21	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	1.00	Each			
22	PTMT Hi quality dual hanging bath room mirror of 4 mm thick glass size 600 mm X 450 mm including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	2.00	Each			
23	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	2.00	Each			
24	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : 610x460 mm bowl depth 200 including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	1.00	Each			

25	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:15mm including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	6.00	Each			
26	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	2.00	Each			
27	P/F two hole basin mixing Faucet including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	2.00	Each			
28	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 material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	2.16	Sqm.			
29	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings. Providing and fixing Vitreous china pedestal for wash basin including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	2.00	Each			
30	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	308.00	kg			

31	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:1.50:3 including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	0.73	Cum.			
32	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level Hard drawn steel wire including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	70.80	Kg.			
33	P/F PVC Door Bend 110 mm bend including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	2.00	Each			
34	Providing and fixing Single tee with door 12.42.3.1 75x75x75 mm including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	4.00	Each			
					Total:-	


 Executive Engineer,
 Rampur Division B&R,
 H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- Rs. 495375.00
Earnest money Rs. 10000.00
Time Two Months

NAME OF WORK:- R/R damage on Baltidhar Damrali road Km 0/000 to 3/300

(SH:-Deployment/Hiring of JCB/Excavator-cum loader for Removal of slips, clearance of block side drain and dressing of berms in Km 0/000 to 3/300)

S.No.	Sub Head/ Item of Work	Quantity	Rate		Unit	Amount
			In Figure	In words.		
1	Hiring of earth cutting / excavating machinery of 0.75 cubic metre bucket capacity @ 20.00 cubic metre per hour loading capacity to be depolyment for earth cutting /excavation /filling /slips and clearance of blocked side drain etc. including cost of fuel oil lubricant and wages of operating staff . Any repair/breakage during operation will be carried out by the contractor /owner at his own risk. Shifting of machinery from one place to other place will be absolute responsibility of the contractor and no payment will be made for the same . Only actual working hours will be accounted for the payment . Cutting in earth work/ removal of slips in all kinds of soil including loading in Tippers/ Trucks, removal / disposal of the same in all leads and lifts to the entire satisfaction of Engineer-in-charge.	375.00	Per Hour			
TOTAL:-Rs.						

Executive Engineer,
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H.P.P.W.D., Rampur.

SEHEDULE OF QUANTITY

Estimated cost:- 224575.00
Earnest money:- 4500.00
Time:- One Month

Name of Work:-R/R damages on Lelan-Kalaanth-Jhinjnoo road Km 0/000 to 12/000

(SH:- C/o wire crate R/wall RD 4/648 to 4/660, 4/945 to 4/955 & B/wall RD 6/890 to 6/897.20)

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Earth work in excavation by mechanical means (Hydraulic excator) / manual means over area (exceeding 30 cm in depth 1.5m in width as well as 10 sqm plan) including getting out and disposal of excavated earth lead upto 50m and lift upto 1.5m as directed by Engineer-in-charge including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	20.94	Per Cubic metre			
2	Earth work in excavation by mechanical means (Hydraulic excator) / manual means over area (exceeding 30 cm in depth 1.5m in width as well as 10 sqm plan) including getting out and disposal of excavated earth lead upto 50m and lift upto 1.5m as directed by Engineer-in-charge including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	12.16	Per Cubic metre			
3	Providing and laying of boulder apron laid in wire crates with 4mm dia G.I. wire conforming to IS:280 and IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25Kg each as per drawing and technical specifications Clause 1301 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	84.10	Per Cubic metre			

4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	7.62	Per Cubic metre			
					Total:-	

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SEHEDULE OF QUANTITY

Estimated cost:- 258196.00

Earnest money:- 5200.00

Time:- One Month

Name of Work:-Construction of Chakti Dadhara road Km 0/000 to 3/000

(SH:- C/o wire crate B/wall & Dry Masonry at RD 0/015 to 0/030)

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Earth work in excavation by mechanical means (Hydraulic excator) / manual means over area (exceeding 30 cm in depth 1.5m in width as well as 10 sqm plan) including getting out and disposal of excavated earth lead upto 50m and lift upto 1.5m as directed by Engineer-in-charge including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	35.70	Per Cubic metre			
2	Earth work in excavation by mechanical means (Hydraulic excator) / manual means over area (exceeding 30 cm in depth 1.5m in width as well as 10 sqm plan) including getting out and disposal of excavated earth lead upto 50m and lift upto 1.5m as directed by Engineer-in-charge including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	42.00	Per Cubic metre			
3	<i>Providing and laying of boulder apron laid in wire crates with 4mm dia G.I. wire conforming to IS:280 and IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25Kg each as per drawing and technical specifications Clause 1301 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.</i>	64.80	Per Cubic metre			

4	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc for substructure and superstructure complete as per drawings and technical specifications Clause 704.6& 1302.5 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	29.50	Per Cubic metre			
					Total:-	

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SEHEDULE OF QUANTITY

of Work:- C/O 5/7 metre wide road from Jhinjnu to Sharog Km 0/0 to 2/457 (SH:- Formation cutting
7 metre wide in in Km 0/0 to 0/135).

Estimated cost:- Rs	478017.00
Earnest money:- Rs	9600.00
Time:-	Two Months

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Excavation in earthwork in hilly area in all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification clause 1603.1 & 1603.2 to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal and dumping to be arranged by the contractor of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. The recovery for useful stones, for 115.50 cum @ Rupees 170/- per cubic metre shall be effected on pro rata basis in all circumstances. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	2243.37	Per Cum.			

Executive Engineer,
Rampur Division B&R,
M.P.W.D., Rampur.

SEHEDULE OF QUANTITY

Work:- R/R damages on Khanog Sholi road Km 0/0 to 4/500. (SH:- Construction of PCC Retaining RD 2/420 to 2/430)					
Sr. No.	Description	Qty.	Unit	Rate in figure	Estimated cost:- Rs
					Earnest money:- Rs
					Time:-
					Rate in words
					Amount.
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hardd rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock(where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformately with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	8.6	Per Cum.		
2	Earth work 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 a lead of 50 metre, dressing of sides and bottom and back filling in trenches with excavated suitable material in all kinds of soil upto 3 metre depth . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	11.50	Per Cum.		
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203 including curing and carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	2.80	Per Cum.		

153837.00

3100.00

Two Months

	and laying cement concrete 1:5:10(1cement:4sand:8graded stone gate 40mm nominal size) and curing complete excluding cost of form work in foundation and plinth in breast and retaining walls etc . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	31.50	Per Cum.			
7	Providing and laying in weep holes of retaining walls/ breast walls 100mm dia PVC(D-Plast) pipes of working pressure not less than 4.5 Kg per sqm. as per drawing and H.P.P.W.D. technical specifications including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	13.000	Each			
8	Backfilling behind abutment, wing wall and return wall complete as per drawings technical specification clause 1204.3.8. including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	8.4	Per Cum.			

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H.P.P.W.D., Rampur.