



**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

Telephone No: 01782-233017

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

No. PW/ RMP/TA-I/Publication/2023-20091

Dated:- 14-02-2024

To

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,
B&R Division HPPWD,
Rampur.



**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

Telephone No: 01782-233017
e-mail: ee-ram-hp@nic.in

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 **27.02.2024** 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 **26.02.2024** 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 **26.02.2024** 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.

Sr. No.	Name of work	Estimated cost	Earnest money	Cost of tender form	Time limit
1	Annual Repair and maintenance of Circuit House Building at Rampur and Sarahan Distt. Shimla H.P. (SH:- P/F Cloth curtain in Circuit House)	2,94,300/-	6,000/-	350/-	One month
2	C/O GSSS at Khunni (SH:- Removal of land slide/slip on back side of GSSS Khunni)	1,26,009/-	2,500/-	350/-	One month
3	Providing protection along the boundary of Horticulture apple orchard at Bahli (SH:- Providing and fixing welded steel wire fencing)	3,87,299/-	7,700/-	350/-	One month
4	Providing protection along the boundary of Horticulture apple orchard at Bahli (SH:- Providing and fixing welded steel wire fencing)	4,17,091/-	8,300/-	350/-	One month
5	C/O B/wall on back side of GSSS Khunni Tehsil Ramupr (SH:- C/O B/wall)	2,43,058/-	4,900/-	350/-	One month
6	R/R Damages on Gahan to Majhdarti road Km. 0/000 to 9/500 (SH:- C/O B/wall in R.R. masonry at RD 4/810 to 4/822)	4,59,462/-	9,200/-	350/-	One month
7	Repair to 200 bedded hospital at MGMSC Khaneri (SH:- C/O PCC R/wall at Back side Mortuary Building at RD 0/07.5 to 0/015)	4,88,305/-	9,800/-	350/-	One month
8	Repair to 200 bedded hospital at MGMSC Khaneri (SH:- C/O PCC R/wall at Back side Mortuary Building at RD 0/000 to 0/07.5)	4,95,714/-	9,900/-	350/-	One month
9	A/R/& M/O of Residential Accommodation Qtr. No. 1 C Block at Pipty and Qtr. No. PH-6 Patbanglow (SH:- Painting/distempering, flooring repair of plaster etc.)	1,52,702/-	3,100/-	350/-	One month
10	A/R & M/O Kashadhar Darkali road Km. 0/000 to 22/700 (SH:- Cutting & Improvement of curves in Km. 7/550 to 7/600 and 7/650 to 7/680)	2,65,299/-	5,306/-	350/-	One month
11	R/R damages on Kinoo Bhagawat road Km. 0/000 to 7/750 (SH:- C/O eddge wall, P/L earth filling, P/L Kharanja soling, G-II, G-III, C/O PCC V-shape drain at	4,99,969/-	10,000/-	350/-	One month

	RD 3/720 to 8/810)				
12	C/O 133.00 mtr. span double lane bridge along with foot path over satluj river on Bye-pass approach road of new bus stand to Chatti at RD 0/975 (SH:- Preparation of hydraulic data with GAD of Bride site)	2,60,000/-	5,200/-	350/-	One month
13	C/O 133.00 mtr. span double lane bridge along with foot path over satluj river on Bye-pass approach road of new bus stand to Chatti at RD 0/975 (SH:- Geogical investigation of soil/strata of bridge site)	3,13,600/-	6,500/-	350/-	One month
14	R/R damages on T.J.G.N. Khamadi road Km. 0/000 to 52/000 (SH:- C/O R/wall at RD 48/600 to 48/612)	4,98,875/-	10,000/-	350/-	One month
15	R/R damages on Jeori Nawaroo Bonda road Km. 0/000 to 7/750 (SH:- C/O B/wall in R/R masonry at Km. 2/745 to 2/751)	1,35,663/-	2,700/-	350/-	One month
16	R/R damages on Kotla Kunni road Km. 0/000 to 5/000 (SH:- C/O R/wall in R/R masonry at RD 4/570 to 4/580.5)	4,64,413/-	9,300/-	350/-	One month
17	R/R damages on Kinoo Bhagawat road Km. 0/000 to 7/750 (SH:- C/O R/wall in PCC at RD 0/060 to 0/075)	4,98,407/-	10,000/-	350/-	One month
18	R/R damages on R.G.M.S.J. road Km. 0/000 to 61/000 (SH:- C/O B/wall in R.R. masonry at Km. 57/980 to 567/988)	1,77,721/-	3,600/-	350/-	One month
19	R/R damages on R.G.M.S.J. road Km. 0/000 to 61/000 (SH:- C/O R/wall in R.R. masonry and parapet at Km. 57/000 to 57/017)	4,74,616/-	9,500/-	350/-	One month
20	R/R damages on T.J.G.N.K. road Km. 0/000 to 52/000 (SH:- Balance work for providing B/wall at RD 21/680 to 21/695 above height 10.00 mtr.)	4,54,778/-	9,100/-	350/-	One month
21	R/R damages on Dohari Sarahan road Km. 0/000 to 1/000 (SH:- C/O PCC R/wall at RD 0/114 to 0/120 & 0/595 to 0/607)	4,70,419/-	9,400/-	350/-	One month
22	R/R damages on T.J.G.N.K road Km. 0/000 to 52/000 (SH:- C/O R/wall at RD 23/440 to 23/452)	3,09,153/-	6,200/-	350/-	One month
23	Repair and Maintenance of CHC Sarahan (SH:- C/O Inspection chamber and laying of waste pipe)	1,02,333/-	2,000/-	350/-	One month
24	Special repair to HPPWD Store Building at Jeori (SH:- Tiles work, wood work, brick work, RCC work, WS and SI etc.)	4,04,884/-	8,100/-	350/-	One month
25	R/R damages on Gharat Sarahan road Km. 0/000 to 5/000 (SH:- C/O R/wall at RD 2/025 to 2/043)	4,31,994/-	8,600/-	350/-	One month
26	R/R damages on Gharat Sarahan road Km. 0/000 to 5/000 (SH:- C/O R/wall at RD 1/380 to 1/394)	4,86,735/-	9,700/-	350/-	One month

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 Providing Funds & Miscellaneous provision Act. 1952 at the time of tender. Failure to observe this condition shall render the tender of the contractor liable to summary rejection.

No: - RMP/Tender/2022 - 20092 - 93

Copy forwarded for information:-

1. The Superintending Engineer 11th Circle HPPWD, Shimla.
2. Copy to Notice Board.

Dated:-

14-02-2024

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

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

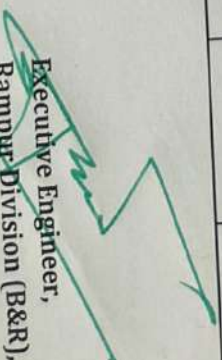
SCHEDULE OF QUANTITY

Name of work:- Annual repair and maintainance of Circuit House Building at Rampur and Sarahan Distt. Shimla (H.P.)

Estimated Cost 2,94,300.00
 Earnest Money 6,000.00
 Time Fifteen days

(SH:-P/F Cloth curtain in Circuit House).

Sr. No.	Description of items	Qty.	Rate		Unit	Amount
			In Fig.	In Words		
1	Providing and fixing Curtain of superrior quality cloth 300 gsm with lining .The curtain contain atleast 50 % cotton fabric and 50 % polyester including topbond tape , hooks and others essential accessories .The stitching curtain shall have specified length (2.70 to 2.90 mtr) and standard fabric width 48" net width after stitching with plates 20"-22" including all accessories complete as per direction and and entire satisfaction of Engineer-in-Charge.	109.00			Each	
	Total:-					


 Executive Engineer,
 Rampur Division (B&R),
 HP.PWD; Rampur.

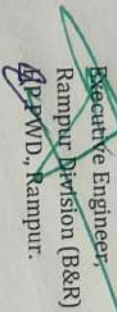
SCHEDULE OF QUANTITY

Estimated cost:- **1,26,009.00**
 Earnest money **2,500.00**
 Time **One Month**

NAME OF WORK:- C/O GSSS at Khunni.

(SH:- Removal of land slide/Slip on back side of GSSS Khunni Tehsil Nankhari Dist. Shimla HP).

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Removal of land slides in all kind of soil in hilly area including ordinary rocks not requiring blasting by mechanical means, including cutting and trimming of slopes and disposal of cut material with in all leads and lifts as per direction of the Engineer-in-charge, as per the Technical Specifications 302.3.5 and 1611.. 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.	917.70	per cubic metre			
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:- 3,87,299.00
 Earnest money 7,700.00
 Time One Month

NAME OF WORK:- Providing Protection along the boundary of Horticulture apple orchard at Bahli in Tehsil Rampur Distt. Shimla HP.
 (SH:-Providing and Fixing welded steel wire fencing).

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.	10.53	per cubic metre			
2	Providing and laying in position cement concrete of specified grade 1:2:4 (1Cement, 2Sand, 4graded stone aggregate) 20mm nominal size including the cost of centering and shuttering including all modes of transportation within all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.53	Per Cubic metre.			
3	Supplying at site angle iron post and strut of required size including bottom to be split and bent at right angle in opposite direction for 10cm length and drilling holes upto 10mm dia etc complete including all modes of transportation within all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	682.50	Per Kilograms.			
2	Welded steel wire of required width having rectangular mesh painted with two or more coats of enamel paint of approved shade over a coat of primer including all modes of transportation within all leads and lifts as per the entire satisfaction and	3022.50	Per Kilograms.			
Total:-						

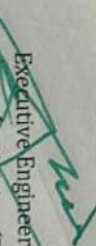
Executive Engineer,
 Rampur Division (B&R)
 Rampur, Rampur.

SCHEDULE OF QUANTITY

NAME OF WORK:- Providing Protection along the boundary of Horticulture apple orchard at Bahli in Tehsil Rampur Distt. Shimla HP.
(SH:- Providing and Fixing welded steel wire fencing).

Estimated cost:- **4,17,091.00**
 Earnest money **8,300.00**
 Time **One Month**

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.	11.34	per cubic metre			
2	Providing and laying in position cement concrete of specified grade 1:2:4 (1 Cement, 2 Sand, 4 graded stone aggregate) 20mm nominal size including the cost of centering and shuttering including all modes of transportation within all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	11.34	Per Cubic metre.			
3	Supplying at site angle iron post and strut of required size including bottom to be split and bent at right angle in opposite direction for 10cm length and drilling holes upto 10mm dia etc complete including all modes of transportation within all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	735.00	Per kilograms.			
2	Welded steel wire of required width having rectangular mesh painted with two or more coats of enamel paint of approved shade over a coat of primer including all modes of transportation within all leads and lifts as per the entire satisfaction and	3255.00	Per kilograms.			
Total:-						


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

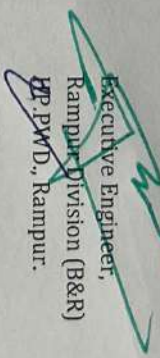
SCHEDULE OF QUANTITY

Estimated cost:- **2,43,058.00**
 Earnest money **4,900.00**
 Time **One Month**

NAME OF WORK:- C.O B/wall on back side of GSSS Khunni Tehsil Nankhari Distt. Shimla HP.
(SH:- C/O B/wall).

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.	55.64	per cubic metre			
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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth, 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.	12.09	per cubic metre			
3	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand : 8 Graded 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-1 and as per direction of Engineer-in-charge.	38.87	Per Cubic metre			

<p>Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.</p>	16.00	Each				
					Total:-	


Executive Engineer,
Rampur Division (B&R)
RPP PWD, Rampur.

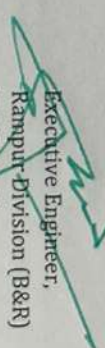
SCHEDULE OF QUANTITY

ORKK - R/R damages on Gahan to Majhdharti road Km 0/000 to 9/500
 B/wall in R.R.masonry at RD 4/810 to 4/822).

Estimated cost:- **4,59,462.00**
 Earnest money **9,200.00**
 Time **One Month**

S. 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.	30.54	per cubic metre			
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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth. 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.	7.44	per cubic metre			
3	Random Rubble Stone masonry work in cement mortar 1:6 in foundation complete as per drawings and technical specification clauses- 702, 704, 1202 and 1203 Random Rubble masonry in cement mortar 1:6 (2nd Sort) as per drawings and technical specification including carriage of material within all leads and lifts and other incidentals and as per directions of Engineer-in-charge.	84.49	Per Cubic metre			

Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	13.00	Each			
				Total:-	


 Executive Engineer,
 Rampur Division (B&R)
 HR.PWD, Rampur.

SCHEDULE OF QUANTITY

Name of Work:- Repair of 200 Bedded Hospital at MGMSC Khaneri.
(SH:- C/o PCC R/Wall at Backside Mortuary Building from RD 0/07.5 to 0/015).

Estimated cost :- **4,88,305.00**
Earrest money :- **9,800.00**
Time allowed:- **One month**

Sr. No	Description of items	Quantity	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 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 property. 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.	27.00	Per Cubic metre.			
2	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 bracin, 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 property. 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.	14.00	Per Cubic meter			
3	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.	8.40	Per Cubic metre.			
4	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand :8 Graded 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.	71.00	Per Cubic metre			
5	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	47.00	Each			
6	Backfilling /filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	9.50	Per Cubic metre.			
Total:-						

SCHEDULE OF QUANTITY

Name of Work:- Repair of 200 Bedded Hostel at MCMSC Khaneri.
 (SH:- C/o PCC R/Wall at Backside Mortuary Building from RD 0/000 to 0/07.5).

Estimated cost :- **4,95,714.00**
 Earnest money :- **9,900.00**
 Time allowed:- **One month**

Sr. No	Description of items	Quantity	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 conformity 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.	28.40	Per Cubic metre.			
2	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 bracin, 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.	15.00	Per Cubic meter			
3	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.	8.50	Per Cubic metre.			
4	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand :8 Graded 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-1 and as per direction of Engineer-in-charge.	72.00	Per Cubic metre			
5	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals. Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	48.00	Each			
6	Backfilling /Filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	9.60	Per Cubic metre.			
Total:-						

Executive Engineer,
 Rampur Division (B&R)
 JHR.PWD, Rampur.

SCHEDULE OF QUANTITY

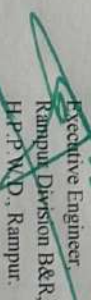
Name of Work :- A/R & M/O of Residential Accomodation Qtr No 1 C Block at Pipry and Qtr No PH-6 Patnanglow Tehsil Rampur Distt Shimla (HP).
(S11- Painting / distempering ,flooring repair of Plaster Etc.)

Estimated cost :- 1,52,702.00
Earnest money :- 3,100.00
Time One Month

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1.00	Each			
2	Providing woodwork in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position Sal wood including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	0.05	P. Cum			
3	Removal of serviceable glass or any description except polished plate from old wood or metal frames etc. (any thickness or size) racking out old putty etc. including risk and making good breakages making out and handling including stacking within a lead of 20 Metres including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	4.86	P. Sqm			
4	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.	4.86	P. Sqm			
5	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 grinding the joints with white cement and matching pigments etc., complete (600 x 600 x 10mm) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	18.61	P. Sqm			
6	White glazed tiles required shade tiles thick of 30 centimetre x 45 centimetre (thirty centimetre into forty five centimetre) size in skirting, risers of steps and dado over 12mm (Twelve millimetre) thick cement mortar 1:3 (One cement iso Three Sand) and jointed with cement slurry and as per HP. PWD. specifications of 1990 volume-1 including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	3.68	P. Sqm			
7	Providing and fixing 10mm thick antiskid water proof stain and impact resistant heavy duty vitrified tiles Niteco or equivalent 300x300mmx10mm 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 hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1.81	P. Sqm			
8	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per 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.	30.51	P. Sqm			
9	Removing white wash or colour wash by steel wire brushing and/or scrapping sand papering and preparing the wall surface smooth including necessary repairs to scratches including carriage of material within all leads and lifts and as per HP, PWD, specifications of 1990 volume-1 and as per direction of Engineer-in-Charge.	102.23	Sqm.			
10	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete as per HP, PWD, specifications of 1990 volume-1 including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	102.23	Sqm.			

11	Discolouring (two coats) with synthetic/acrylic washable distemper of approved brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth as per HP, PWD specifications of 1990 volume-1 including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	102.23	Sqm				
12	Applying priming coat over new wood and wood based surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter sand papering and knotting ready-mixed paint brushing wood primer pink including applying a priming coat of red lead paint as per HP, PWD specifications of 1990 volume-1 including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	4.19	Sqm.				
13	Painting two coats (excluding priming coat) on new wood and wood based surfaces with enamel paint, brushing to give an even shade including cleaning of all dirt dust and other foreign matter sand papering and stopping as per HP, PWD specifications of 1990 volume-1 including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	56.74	Sqm.				
14	Providing and fixing 35mm thick flush door shutters including black enamelled M.S. butt hinges core of black board construction with frame of first class hard wood and well matched first class Indian teak ply veneering with vertical grains of cross band and face veneers on one face and commercial ply veneering with vertical grains of cross band on other face of shutters as per HP, PWD specifications of 1990 volume-1 including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	1.58	P. Sqm				
19	Providing and fixing aluminium sliding door bolt anodized transparent or dyed to required colour and shade with bolts and nuts screws etc. complete for all floors, including carriage of materials, labour, tool and plants through all modes of transportation within all leads and lifts, as per PWD specifications and as per direction of the Engineer-in-charge.	0.00					
19.1	250×16mm (Two hundred fifty into sixteen millimeter)	1.00	Each				
20	Providing and fixing aluminium tower bolts (barrel type) anodized transparent or dyed to required shade and colour with screws etc. complete, including carriage of materials, labour, tool and plants through all modes of transportation within all leads and lifts, as per PWD specifications and as per direction of the Engineer-in-charge.	0.00					
20.1	150×10mm (Two hundred into ten millimeter)	2.00	Each				
21	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete for all floors, including carriage of materials, labour, tool and plants through all modes of transportation within all leads and lifts, as per PWD specifications and as per direction of the Engineer-in-charge.	0.00					
21.1	100mm. (One hundred millimeter)	2.00	Each				
22	Providing and fixing 110 mm X 90 mm 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 as per HP, PWD specifications of 1990 volume-1 including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	2.00	Each				

23	Providing and fixing CP grating for 100mm dia of superior quality for floor, gully or nahani trap including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	2.00	Each			
24	Providing and fixing 15mm nominal dia C.P. brass bib tap with capstan head as per HP, P.W.D. specifications of 1990 volume-1 including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	4.00	Each			
25	Providing and fixing 15mm nominal bore P.V.C. connection with brass unions (a) 300/450mm length including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	6.00	Each			
26	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete 32 mm dia. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	6.00	Each			
27	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, P.W.D., specifications of 1990 volume-1 and as per direction of Engineer-in-Charge.	2.00	Each			
28	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 hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1000.00	Per/L			
29	Repair and fixing rolling shutters of approved make made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipeshaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	29.25	Sqm.			
Total :-						


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

DNIT / SCHEDULE OF QUANTITY

NAME OF WORK: A/R & M/O KasharharnDalkali road Km 0/00 to 22/7/00 (SH:- Cutting & Improvement of curves in Km 7/550 to 7/600 and 7/650 to 7/680) (SH:- Cutting & Earnet money Rs.

265299

5306

One month

S.No.	Description	Qty.	Rate in Figure	Rate in Words.	Unit.	Amount.
1	Cutting in earth work in all heights and all kinds of soils such as spade work, pick work, jumper work, blastingwork, soft rock, hard rock chiseling work and wedging out of rocks where blasting is prohibited including their intermediate classification of soil including saturated soil and disposal of all excavated unserviceable material all leads and lifts to avoid damages to the properties of the public and Govt. and any case damages takes place the contractor is liable for it. All useful material/stones available from blasting/chiseling shall be property of department and minimum 207.32 um stones available from blasting shall have neatly stacked at suitable place as directed by the Engineer-in-Charge. Otherwise recovery @ 300 /- per cubic meter shall be effected from the bill of the contractor. The road 5/7 meter wide 5 meter in straight and 7 meter in curves.	621.97			Per Cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

Name of work:- RRD on Kinoo Bhagawat road km 0/000 to 7/750. (SH:- C/O eddge wall, P/L Earth Filling, P/L Kharamia soling, Gill, GIII, C/O PCC V-Shape drain.) **3/17/20** **06/2/81**

Estimated cost:- **4,99,969.00**
 Earnest money **10,000.00**
 Time **Two** Month

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete. Including carriage of materials through all modes of transportation with in all leads and lifts, as per PWD specifications and as per direction of Engineer- in Charge.	116.66	per cubic metre			
2	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m 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 soils as directed, within a lead of 50 m. Including carriage of materials through all modes of transportation with in all leads and lifts, as per PWD specifications and as per direction of Engineer- in Charge.	8.50	per cubic metre			
3	P/L Cement concrete 1:4:8 (one cement : four sand : eight graded stone aggregate twenty five millimeter nominal size)for plain/ reinforced concrete work in open foundation complete as per drawing and technical specification Clauses 802,803,1202& 1203. Including carriage of materials through all modes of transportation with in all leads and lifts, as per PWD specifications and as per direction of Engineer- in Charge.	40.80	Per Cubic metre			

	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: 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size) Including carriage of materials through all modes of transportation with in all leads and lifts, as per PWD specifications and as per direction of Engineer- in Charge.	6.13	Per Cubic metre			
5	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the required gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specifications 100 mm spread thickness (finished work including materials and labour) Including carriage of materials through all modes of transportation with in all leads and lifts, as per PWD specifications and as per direction of Engineer- in Charge.	42.71	Per Cubic metre			
6	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 2 as per Technical Specification Clause 404 Including carriage of materials through all modes of transportation with in all leads and lifts, as per PWD specifications and as per direction of Engineer- in Charge..	20.40	Per Cubic metre			
7	WBM Grading 3 : Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405. Including carriage of materials through all modes of transportation with in all leads and lifts, as per PWD specifications and as per direction of Engineer- in Charge.	19.44	Per Cubic metre.			
Total:-						

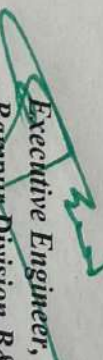
Executive Engineer
B & R Division HPPWD
Ramour, Bsr. (H. P.)

SCHEDULE OF QUANTITY

S.No	Descriptions.	Quantity	Rate		Unit	Amount
			In figure	In words.		
1	Preparation of Hydraulic data with preliminary calculation and General Arrangement Drawing (GAD) complete in all respect in manuscript form and submission of the same in higher office for approval. If any correction/amendment has desired by the head office the same may be corrected as desired and directed by the Engineer-in-Charge and higher office complete in all respect, After approval of the hydraulic data from the higher office, the same will be submitted in fair shape to this office in two numbers of copies including carriage of instrument with in all leads and lifts as per the direction of Engineer-in-Charge.	1.00			Job	
Total Rs,						

Name of work:- Construction of 133.00 mtr span double lane bridge along with foot path over Satluj River on Bye-pass approach road of New Bus Stand to Chahli at RD 0/975. (SH:- Preparation of Hydraulic Data with GAD of Bridge site .

Estimated Cost :- 2,60,000.00
 Earnest Money :- 5,200.00
 Time Allowed :- One Month


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

Name of work:- Construction of 133.00 mtr span double lane bridge along with foot path over Satluj River on Bye-pass approach road of New Bus Stand to Chatti at RD 0/975. (SH.- Geological Investigation of soil/strata of Bridge site.

SCHEDULE OF QUANTITY

S.No	Descriptions.	Quantity	Rate		Unit	Amount	Estimated Cost :-		
			In figure	In words.			Earnest Money :-	Time Allowed :-	
1	Sub soil investigation in all type of soil/strata by drilling bore holes of NX size 75mm (Seventy five millimetre) diameter ranging from 10 metre or above in depth for investigating of soil/rock condition at site of work as per drawing including mobilization and demobilization, shifting of machinery to bore site, making platform and water arrangement for drilling etc. The scope of work includes collection of disturbed and un-disturbed soil/core sample, plugging of bore holes and handing over of core boxes for preservation of core including relevant fields and laboratory tests and submission of geological report of complete site of work as per direction of Engineer-in-Charge including all leads, lifts and carriage of material and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	40.00			Per Running metre		3,13,600.00	6,500.00	
Total Rs,									One Month

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

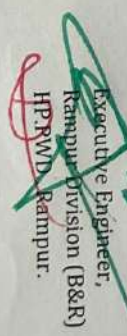
SCHEDULE OF QUANTITIES

Estimated cost:-
Earnest money
Time
10,000.00
One Month

NAME OF WORK:- R/R damages on T.J.G.N.Khamadi road Km 0/000 to 52/000

(SH:- C/O R/Wall at RD 48/600 to 48/612).

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth, 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.	67.26	per cubic metre			
2	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand : 8 Graded 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-1 and as per direction of Engineer-in-charge.	22.38	Per Cubic metre			
3	Random Rubble Stone masonry work in cement mortar 1:6 in foundation complete as per drawings and technical specification clauses- 702,704,1202 and 1203 Random Rubble masonry in cement mortar 1:6 (2nd Sort) as per drawings and technical specification including carriage of material within all leads and lifts and other incidentals and as per directions of Engineer-in-charge.	36.66	Per Cubic metre			
4	Construction of dry Rubble masonry for retaining walls, breast walls, revertment walls and parapets etc. for sub-structure and super-structure as per drawings and technical specification including carriage of material within all leads and lifts and other incidentals and as per directions of Engineer-in-charge.	35.36	Per Cubic metre			
5	Backfilling /filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	13.80	Per Cubic metre.			
Total:-						


 Executive Engineer,
 Rampur Division (B&R)
 HP.RWD, Rampur.

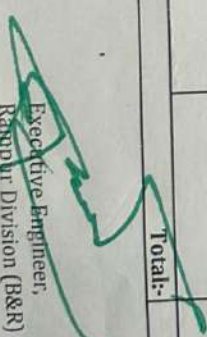
SCHEDULE OF QUANTITY

Estimated cost :- **1,35,663.00**
 Earnest money :- **2,700.00**
 Time allowed:- **One Month**

Name of Work:- R/R Damages on Jeori Nawaroo Bonda road Km 0/000 to 7/750.

(SH:- C/o B/Wall in R/R Masonry at Km 2/745 to 2/751).

Sr. No	Description of items	Quantity	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 conformity 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.	18.90	Per Cubic metre.			
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 all leads , dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth. 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.	3.78	per cubic metre			
3	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.	1.89	Per Cubic metre.			
4	Random rubble stone masonry in cement mortar 1:6(1cement:6sand) for 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 hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	13.00	Per Cubic metre			
5	Construction of dry rubble masonry for retaining walls, breast walls , revetment walls and parapets etc. for sub structure and super structure complete as per drawing and technical specification Clauses 704.6& 1302.5 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	14.90	Per Cum.			
Total:-						


 Executive Engineer,
 Rampur Division (B&R)
 HP, PWD, Rampur.

NAME OF WORK:- R/R Damages on Kotla Kunni road Km 0/000 to 5/000.
(SH:- C/o R/Wall in R/R Masonry Km 4/570 to 4/580.5).

Earnest money
Time

9,300.00
One Month

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 conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregate& slate etc. shall be sorted out and stacked along the road side property. 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.	35.49	Per Cubic metre.			
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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth, as directed by the Engineer-in-Charge all useful material such as stone, shingle, aggregate& slate etc. shall be sorted out and stacked along the road side property. 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.	10.92	per cubic metre			
3	Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:5:10 (One cement: five sand : ten graded crushed stone aggregate) 40 mm (forty millimetre) nominal size on ground or under water and curing complete including pumping or bailing out water,dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths including the cost of form work as per drawing and technical specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.	2.51	Per Cubic meter			
4	Random rubble stone masonry in cement mortar 1:6(1cement&sand) for 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 hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	74.01	Per Cubic meter			
5	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand :8 Graded 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.	2.51	Per Cubic meter			
6	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material 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. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	22.68	Per cubic meter			
Total:-						

Executive Engineer,
Rampur Division (B&R)
HP.PWD, Rampur.

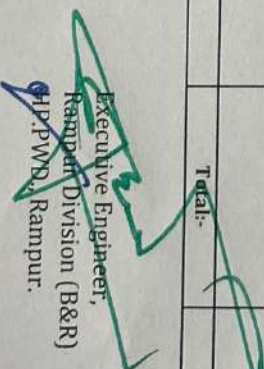
SCHEDULE OF QUANTITY

NAME OF WORK:- R/R damages on Kinoo Bhagawat road Km 0/0 to 7/750.
(SH:- C/O R/wall in PCC at RD 0/060 to 0/075)

Estimated cost:- **4,98,407.00**
 Earnest money **10,000.00**
 Time **Two Month**

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.	24.00	per cubic metre			
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 all leads , dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth. 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.	11.71	per cubic metre			

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 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.	2.39	Per Cubic metre			
4	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand : 8 Graded 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-1 and as per direction of Engineer-in-charge.	77.07	Per Cubic metre			
5	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	30.00	Each			
6	Backfilling /Filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	19.20	Per Cubic metre.			
Total:-						


 Executive Engineer,
 Rampur Division (B&R)
 HP.PWD, Rampur.

SCHEDULE OF QUANTITY

NAME OF WORK:- R/R damages on R.G.M.S.J. road Km 0/0 to 61/0.
 (SH:- C/O B/wall in R.R.masonry at Km 57/980 to 57/988)

Estimated cost:-
 Earnest money
 Time

1,77,721.00
 3,600.00
 Two Month

18

Sr. No.	Description	Qty.	Unit	Rate in Rupees	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.	78.20	per cubic metre			
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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth, 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.	15.64	per cubic metre			

3	<p>Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:5:10 (One cement: five sand : ten graded crushed stone aggregate) 40 mm (forty millimetre) nominal size on ground or under water and curing complete including pumping or bailing out water,dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths including the cost of form work as per drawing and technical specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.</p>	5.70			
4	<p>Random Rubble Stone masonry work in cement mortar 1:6 in foundation complete as per drawings and technical specification clauses- 702,704,1202 and 1203 Random Rubble masonry in cement mortar 1:6 (2nd Sort) as per drawings and technical specification including carriage of material within all leads and lifts and other incidentals and as per directions of Engineer-in-charge.</p>	34.75			
5	<p>Providing and laying cement concrete 1:4:8 (1 cement : 4 sand :8 Graded 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-1 and as per direction of Engineer-in-charge.</p>	4.30			
6	<p>Construction of dry Rubble masonry for retaining walls, breast walls, reverment walls and parapets etc, for sub- structure and super-structure as per drawings and technical specification including carriage of material within all leads and lifts and other incidentals and as per directions of Engineer-in-charge.</p>	34.58			
				Total:	

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

SCHEDULE OF QUANTITY

19

NAME OF WORK:- R/R damages on R.G.M.S.J. road Km 0/0 to 61/0.
 (SH:- C/O R/wall in R.Ramasonry and Parapet at Km 57/00 to 57/017)

Estimated cost:-
 Earnest money 4,74,516.00
 Time 9,500.00
 Two Month

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.	78.20	per cubic metre			
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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth. 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.	15.64	per cubic metre			

	<p>aiding and laying mechanical mixed and vibrated cement concrete for plain / reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:5:10 (One cement: five sand : ten graded crushed stone aggregate) 40 mm (forty millimetre) nominal size on ground or under water and curing complete including pumping or bailing out water, dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths including the cost of form work as per drawing and technical specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.</p>	5.70	Per Cubic meter		
4	<p>Random Rubble Stone masonry work in cement mortar 1:6 in foundation complete as per drawings and technical specification clauses- 702,704,1202 and 1203 Random Rubble masonry in cement mortar 1:6 (2nd Sort) as per drawings and technical specification including carriage of material within all leads and lifts and other incidentals and as per directions of Engineer-in-charge.</p>	34.75	Per Cubic metre		
5	<p>Providing and laying cement concrete 1:4:8 (1 cement : 4 sand : 8 Graded 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.</p>	4.30	Per Cubic metre		
6	<p>Construction of dry Rubble masonry for retaining walls, breast walls, revertment walls and parapets etc, for sub- structure and super-structure as per drawings and technical specification including carriage of material within all leads and lifts and other incidentals and as per directions of Engineer-in-charge.</p>	34.58	Per Cubic metre		
7	<p>Backfilling /Filter media with granular material behind retaining wall/breast wall as per specification 1204,38 in a width of 600 mm. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.</p>	35.70	Per Cubic metre.		

Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203. P.C.C grade M 10(1) (Mechanical mix and vibrated graded crushed stone aggregate) 1:3:6 Including carriage of materials through all modes of transportation with in all leads and lifts, as per PWD specifications and as per direction of Engineer- in Charge.

4.31

per cubic metre

Total:-

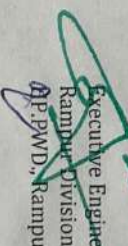
ms
Executive Engineer,
Rampur Division (B&R)
PPWD, Rampur.

SCHEDULE OF QUANTITY

Part of Work:- R/R Damages on T.J.G.N.K. road Km 0/000 to 52/000.
 SHF- Balance work for Providing B/Wall at RD 21/680 to 21/695 above height 10.00 Mtr.).

Estimated cost :- **4,54,778.00**
 Earnest money :- **9,100.00**
 Time allowed:- **One Month**

Sr. No	Description of items	Quantity	Unit	Rate (In figure)	Rate (In Word)	Amount
1	Providing and Laying cement concrete for plain/reinforced concrete 1:4:8 (one cement: four sand: eight graded stone aggregate crushed 40mm (forty millimetre) nominal size mechanically mixed and vibrated in open foundations complete as per drawing and MORD Technical Specification clauses 802, 803, 1202 and 1203 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.	78.82	Per Cubic metre			
2	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals. Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	24.00	Each			
Total:-						


 Executive Engineer,
 Rampur Division (B&R)
 AP, PWD, Rampur.

SCHEDULE OF QUANTITY

Name of Work:- R/R damages on Dohari sarahan road Km 0/00 to 1/00.
(SH:- C/o PCC R/Wall at RD 0/114 to 0/120 & 0/595 to 0/607).

Estimated cost :- **4,70,419.00**
Earnest money :- **9,400.00**
Time allowed:- **One month**


Sr. No	Description of items	Quantity	Unit	Rate (In	Rate (In Word)	Amount
				floure)		
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.	63.00	Per Cubic metre.			
2	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 bracin. 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.	11.60	Per Cubic meter			
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 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.	4.35	Per Cubic metre			
4	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand :8 Graded 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-1 and as per direction of Engineer-in-charge.	70.04	Per Cubic metre			
5	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	33.00	Each			

6 Backfilling /Filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.

13.86

Per Cubic metre.

Total:-


Executive Engineer,
Rampur Division (B&R)
HP, PWD, Rampur.



SCHEDULE OF QUANTITY

Estimated cost:- **3,09,153.00**
 Earnest money **6,200.00**
 Time **Two Month**

NAME OF WORK:- R/R damages on t.G.J.N.K. road Km 0/0 to 52/00.
 (SH:- C/O R/wall at Rd 23/440 to 23/452)

Sr. No.	Description	Qty.	Unit	Rate in	Rate in words	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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth, 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.					
2	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand : 8 Graded 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 as per HP.PWD. specifications of 1990 volume-1 and as per direction of Engineer-in-charge.	2.40	Per Cubic metre			
3	Random Rubble Stone masonry work in cement mortar 1:6 in foundation complete as per drawings and technical specification clauses- 702,704,1202 and 1203 Random Rubble masonry in cement mortar 1:6 (2nd Sort) as per drawings and technical specification including carriage of material within all leads and lifts and other incidentals and as per directions of Engineer-in-charge.	26.96	Per Cubic metre			
4	Construction of dry Rubble masonry for retaining walls, breast walls, revertment walls and parapets etc. for sub-structure and super-structure as per drawings and technical specification including carriage of material within all leads and lifts and other incidentals and as per directions of Engineer-in-charge.	30.89	Per Cubic metre			
6	Backfilling /Filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	14.10	Per Cubic metre.			
Total:						

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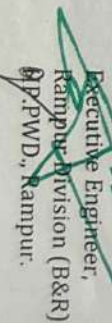
Executive Engineer,
 Rampur Division (B&R)
 HP.PWD, Rampur

SCHEDULE OF QUANTITY

NAME OF WORK:- Repair and Maintenance of C.H.C.Sarahan.
(SH:- C/O Inspection Chamber and laying of waste pipe).

Estimated cost:- 1,02,333.00
Earnest money 2,000.00
Time One Month

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m 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.	18.90	Per Cubic metre.			
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size 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.	2.52	per cubic metre			
3	Providing and fixing soil, waste and vent pipes 150mm dia Hubless centrifugally cast (Spun) iron pipes epoxy coated inside & outside IS:15905 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.	56.00	Per running metre			
4	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick, finished with a floating coat of neat cement complete as per standard design, 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.	4.00	Each			
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:- 4,04,884.00
 Earnest money 8,100.00
 Time One Month

NAME OF WORK:- Special repair to HP.PWD Store Building at Jeori in Tehsil Rampur Distt. Shimla.

(SH:- Tiles work, wood work, Brick work, RCC work, Ws and sanitary installation etc.)

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) lead as per direction of Engineer - in - charge	3.31	per square metre			
2	Painting two coats (excluding priming coat) with enamel paint of approved design or its equivalent on undecorated wall surface to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping with paint of approved brand, manufacture, shade and colour through all modes of transportation with in all leads and lifts ,as per PWD specification and as per diresectio of the Engineer-in- Charge	133.83	per square metre			
3	Applying priming coat over new wood and wood based surfaces after and including preparing, the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting Ready mixed brushing wood primer pink through all modes of transportation with in all leads and lifts ,as per PWD specification and as per diresectio of the Engineer-in- Charge	8.76	per square metre			
4	Painting two or more coats (excluding priming coat) on new wood and wood based surfaces with ready mixed paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping with paint of approved brand, manufacture, shade and colour through all modes of transportation with in all leads and lifts ,as per PWD specification and as per diresectio of the Engineer-in- Charge	8.76	per square metre			

5	<p>Providing and laying vitrified floor tiles 600x600x10mm thick sizes of ORIENT BELL or its equalant tiles of approved shade in flooring ,treadsteps ,laid in a bed of 12mm thick cement mortar 1:3(1 cement : 3 coarse sand), jointing with neat cement slurry with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete through all modes of transportation with in all leads and lifts ,as per PWD specification and as per diresectio of the Engineer-in- Charge</p>	16.56	per square metre			
6	<p>Providing and laying vitrified floor tiles 600x600x8mm thick sizes of ORIENT BELL or its equalant tiles of approved shade in flooring ,treadsteps ,laid in a bed of 12mm thick cement mortar 1:3(1 cement : 3 coarse sand), jointing with neat cement slurry with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete through all modes of transportation with in all leads and lifts ,as per PWD specification and as per diresectio of the Engineer-in- Charge</p>	2.46	per square metre			
7	<p>Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete through all modes of transportation with in all leads and lifts ,as per PWD specification and as per diresectio of the Engineer-in- Charge</p>	45.92	per square metre			

8	Finishing wall with altak or herilage brush finished paint or equivilant weather proof exterior grade emulsion of approved design (Apexultima) or its equarilied on under coated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc. including sand paper smooth complete through all modes of transportation with in all leads and lifts ,as per PWD specification and as per diresectio of the Engineer-in- Charge	22.80	per square metre			
9	6 mm cement plaster to ceiling in cement mortar 1:3 (1 cement,3sand) within all leads and lifts and carriagae of material complete as per direction of the Engineer-in charge.	3.60	Per Square metre			
10	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete) through all modes of transportation with in all leads and lifts ,as per PWD specification and as per diresectio of the Engineer-in- Charge	8.28	per square metre			
11	Providing and fixing 19mm thick Commercial Board water proof shutters for cup boards i/c fixing with nickel plated piano hinges with screws etc complete) through all modes of transportation with in all leads and lifts ,as per PWD specification and as per diresectio of the Engineer-in- Charge	2.40	per square metre			
12	Providing and fixing 1.00mm thick coloured or plain lamination sheet (summica) on boards/ply wood sheets with approved adhesive and nails etc complete through all modes of transportation with in all leads and lifts ,as per PWD specification and as per diresectio of the Engineer-in- Charge	10.68	per square metre			

<p>13 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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth. 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.</p>	2.05	per cubic metre		
<p>14 Providing form work with steel plates 3.15 mm thick welded with angle iron in frame 30x30x5 mm, so as to give including centring, shuttering, strutting and propping etc. with wooden / steel battens and ballies, height of propping and centring below supporting floor to ceiling. Columns pillars, posts and struts square rectangular or polygonal in plan. through all modes of transportation with in all leads and lifts, as per PWD specification and as per direction of the Engineer-in-Charge</p>	12.82	per cubic metre		
<p>15 Providing form work with steel plates of 3.15mm (Three decimal one five millimeters) thick, welded with angle iron in frames of 30x30x5mm (Thirty into Thirty into five millimeters), so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden / steel battens and ballies for all heights / depths of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work including carriage of materials within all leads and lifts by all means & other incidentals:- Foundation footing and basis of columns, etc. and mass concrete.</p>	2.56	per square metre		

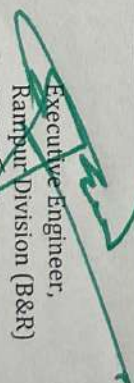
16	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level 1:1.5:3 (1 cement : 1.5 coarse sand): 3 graded stone aggregate 20 mm nominal size) in foundation footing basis of columns etc. through all modes of transportation with in all leads and lifts ,as per PWD specification and as per direccio of the Engineer-in-Charge	1.78	per cubic metre			
17	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size) through all modes of transportation with in all leads and lifts ,as per PWD specification and as per direccio of the Engineer-in-Charge	1.09	per cubic metre			
18	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size).through all modes of transportation with in all leads and lifts ,as per PWD specification and as per direccio of the Engineer-in-Charge	1.86	per cubic metre			
19	40 mm thick Cement concrete flooring 1:2:4 (1 cement : 2 sand:4 graded stone aggregate 20 mm nominal size)laid in one layer finished with a floating coat of neat Cement through all modes of transportation with in all leads and lifts ,as per PWD specification and as per direccio of the Engineer-in-Charge	16.56	per square metre			

20	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Area of slab upto 0.50 sqm	1.80	per square metre			
21	Providing and fixing M.I. union 32mm dia for wash basin or sink including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	2.00	Each			
22	Providing and fixing C.P. Brass S Trap for wash basin and sink:- 32 mm dia through all modes of transportation with in all leads and lifts ,as per PWD specification and as per direescio of the Engineer-in-Charge	2.00	Each			
23	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 :5.10x1040 mm bowl depth 250 through all modes of transportation with in all leads and lifts ,as per PWD specification and as per direescio of the Engineer-in-Charge	1.00	Each			
24	Providing and fixing vitreous China wash Flat back type of size 630mmx450mm (six hundred thirty into four hundred fifty millimeter) basin with single hole for pillar tape with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fittings including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-1 and as per direction of Engineer-in-Charge.	1.00	Each			

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25	Providing and fixing C.P. brass bib tap of approved make with capstan head 15mm (fifteen millimetres) dia through all modes of transportation with in all leads and lifts ,as per PWD specification and as per diresectio of the Engineer-in- Charge	2.00	Each			
26	Providing and fixing C.P. brass pillar tap of approved make capstan head 15mm (fifteen millimetres) dia through all modes of transportation with in all leads and lifts ,as per PWD specification and as per diresectio of the Engineer-in- Charge	2.00	Each			
27	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (Medium grade) tube fittings and clamps including making good the wall ceiling and floor including carriage of materials in all leads and lifts as per direction of Engineer-in-Charge complete. 15mm nominal bore through all modes of transportation with in all leads and lifts ,as per PWD specification and as per diresectio of the Engineer-in- Charge	45.00	per running metre			
28	Providing mild / tor steel reinforced cement for RCC. Work including bending binding and placing in position complete up to floor all level. through all modes of transportation with in all leads and lifts ,as per PWD specification and as per diresectio of the Engineer-in- Charge	709.50	per Kg			
29	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.through all modes of transportation with in all leads and lifts ,as per PWD specification and as per diresectio of the Engineer-in- Charge	604.73	per Kg			

30	Providing and laying second class half brick masonry in common burnt clay building bricks in foundation and plinth with cement mortar 1:4 (One cement : 4 sand) and curing complete including carriage of materials labour, tool and plants through all modes of transportation as per HP. PWD. specifications of 1990 volume-1. including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	9.00	per square metre			
31	15mm thick cement plaster in single coat on the rough side of brick/ concrete/ stone walls for interior plastering up to floor all level including arises internal rounded angles chamfers and / or rounded angles not exceeding 80mm in girth and finished even and smooth: in cm 1:6 through all modes of transportation with in all leads and lifts, as per PWD specification and as per direction of the Engineer-in-Charge	18.00	per square metre			
32	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. 0.63 mm thick with zinc coating not less than 275 gm/ m ² through all modes of transportation with in all leads and lifts, as per PWD specification and as per direction of the Engineer-in-Charge	20.05	per square metre			
Total:-						


 Executive Engineer,
 Rampur Division (B&R)
 PWD, Rampur.

SCHEDULE OF QUANTITY


NAME OF WORK:- R/R damages on Gharat Strahan road Km 0/0 to 5/00.

(SH:- C/O R/wall at Rd 23/440 to 23/452)

Estimated cost- 4,31,994.00
 Earnest money 8,500.00
 Time Two Month

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 property. 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.	32.40	per cubic metre			
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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth. 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.	12.05	per cubic metre			
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 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.	4.52	Per Cubic metre			

	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand : 8 Graded 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-1 and as per direction of Engineer-in-charge.	66.57	Per Cubic metre				
5	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	30.00	Each				
6	Backfilling /Filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	10.80	Per Cubic metre.				
	Total:-						


 Executive Engineer,
 Rampur Division (B&R)
 HP.PWD, Rampur.

SCHEDULE OF QUANTITY

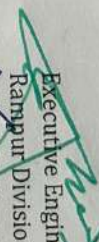
Estimated cost-
4,86,735.00
Earnest money
9,700.00
Time
Two Month

WORK:- R/R damages on Charat Srahan road Km 0/0 to 5/00.

C/O R/wall at Rd 1/380 to 1/394)

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 conformably 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.	30.80	per cubic metre			
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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth. 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.	8.48	per cubic metre			
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 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.	4.24	Per Cubic metre			

6	<p>Backfilling /Filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.</p>	8.40	Per Cubic metre.			
<p>Providing and laying cement concrete 1:4:8 (1 cement : 4 sand : 8 Graded 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-1 and as per direction of Engineer-in-charge.</p>				79.51	Per Cubic metre	
Total:-						


 Executive Engineer,
 Rampur Division (B&R)
 HP.PWD., Rampur.